

2741

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JUL 28 1913

Subdivisions

Book "G"

BOOK 2741

# FIELD NOTES

OF THE SURVEY OF THE

Subdivision of T. 10 S., R. 13 E.

Of the Gila and Salt River Base and Meridian,  
Arizona.  
In the State of \_\_\_\_\_

EXECUTED BY

Jesse B. Wright,

and

William H. Elliott,

In the capacity of U. S. Surveyors, under instructions dated May 28, 1913,  
issued by the United States Surveyor General to govern surveys included in  
Group No. 30, which were approved by the Commissioner of the General Land  
Office, June 6, 1913, pursuant to authority contained in the Act of  
Congress dated June 23, 1913

Survey commenced July 25, 1913., 1913




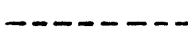
Survey completed August 2, 1913., 1913

BOOK 2741

# INDEX DIAGRAM.

Township 10S., Range 13E.

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

-  Book A
-  Book B
-  Book C
-  Unsurveyed

Subdivision of T. 10 S., R. 13 E.

(18)

Chains.

Survey commenced July 25, 1913, and executed jointly by Jesse B. Wright and William H. Elliott, using Young & Son's light mountain transits Nos. 8145 and 8592, respectively.

(For field tests of instruments see books D and E. )  
(Initials J. B. W. and W. H. E. designates lines as run by Wright and Elliott, respectively.)

W. H. E.

At 8h a.m., l.m.t., at the Std. cor. of secs. 35 & 36, recently re-established by J. B. Wright, and described in book "B."

I set off 19°43' N. on the decl. arc, and 32°30' N. on the lat. arc and determine a meridian with the solar. Thence I run,

N. 0° 5' W., bet. secs. 35 & 36, (Parallel to E. bdy.)  
Over rolling land, through scrub mesquite, greasewood, cacti, fair grass.  
Var. 13°50' E.

14.00 Wash, 20 lks. wide, course E.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 6 ins. in the ground on bed rock, in mound of stone for 1/4 sec. cor., marked on brass cap, 1913 in S. rim,  
1/4 S 35 in W., and S 36 in E. half;  
raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.  
No bearings available, pits impracticable.

42.00 Wash, 30 lks. wide, course SE.

58.00 Wash, 60 lks. wide, course SE.

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 10 S R 13 E, in N. half, 1913 in S. rim;  
S 26 in NW.,  
S 25 in NE.,  
S 36 in SE., and  
S 35 in SW. quad.;  
Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base 2 ft. high W. of cor.  
No bearings available. Pits impracticable.

Land, rolling.  
Soil, 2nd & 3rd rate, sandy, gravelly, dry.  
Mesquite, paloverde, greasewood, cacti, sparse grass.

40.00 N. 89°51' E., on a random line, bet. secs. 25 & 36.

Set temp. 1/4 sec. cor.

79.98 Intersect cor. of secs. 25 & 36, on E. bdy. of Tp., recently reestab. by me, and described in book "A." whence I run,

S. 89°51' W., on a true line bet. secs. 25 & 36.  
Over rolling land, through scattering brush.

12.50 Wash, 12 lks. wide, course SE.

33.00 Wash, 15 lks. wide, course SE.

39.99 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, 1913 in S. rim; 1/4 S 25 in N., and  
S 36 in S. half;  
raise a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor.  
No bearings available, pits impracticable.

51.00 Wash, 20 lks. wide, course SE.

55.00 Dim road, brs. NW. & SE.

63.00 Dim road, brs. NW. & SE.

79.98 To cor. of secs. 25, 26, 35 & 36.

Land, rolling, broken.  
Soil, 3rd rate, sandy, gravelly, dry.  
Scattering mesquite, catclaw, cacti, sparse grass.

## Chains.

- N.  $0^{\circ} 5'$  W., bet. secs. 25 & 26.  
 Over rolling land, through scattering mesquite, cacti.  
 Dim road, brs. NW. & SE.
- 26.00  
 36.00 Wash, 20 lks. wide, course 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, 1913  
 in S. rim;  $\frac{1}{4}$  S 26 in W., and  
 S 25 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.
- 47.00 Wash, 50 lks. wide, course SE.
- 68.00 Dim road, brs. NW. & SE.
- 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 10 S R 13 E, in N. half, 1913 in S. rim,  
 S 23 in W.,  
 S 24 in NE.,  
 S 25 in SE., and  
 S 26 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.  
 Soil, 3rd rate, sandy, gravelly, dry.  
 Mesquite, catclaw, cacti, sparse grass.  
 At this cor., at noon, I set off  $19^{\circ} 41'$  N. on the decl.  
 arc, and observe the sun on the meridian.  
 The observed lat. is  $32^{\circ} 32'$  N.
- 
- N.  $89^{\circ} 51'$  E., on a random line bet. secs. 24 & 25.  
 Set temp.  $\frac{1}{4}$  sec. cor.
- 40.00  
 79.96 Intersect E. bdy. of Tp. 7 lks. N. of cor. of  
 secs. 24 & 25, recently re-established by me, and  
 described in book A, whence I run,  
 S.  $89^{\circ} 54'$  W., on a true line bet. secs. 24 & 25.  
 Over rolling land, through scattering brush.
- 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, 1913  
 in S. rim;  $\frac{1}{4}$  S 24 in N., and  
 S 25 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.
- 56.00 Wash, 10 lks. wide, course SE.
- 65.00 Wash, 20 lks. wide, course SE.
- 79.96 To cor. of secs. 23, 24, 25 & 26.  
 Land, rolling.  
 Soil, 3rd rate, sandy, gravelly, dry.  
 Mesquite, catclaw, cacti, fair grass.

Subdivision of T. 10 S., R. 13 E.

Chains.

N. 0° 5' W., bet. secs. 23 & 24.  
 Over rolling land, through scattering brush.  
 25.50 Wash, 10 lks. wide, course 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 23 in W., and  
 S 24 in E. half; 1913 in S.rim,  
 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.  
 48.00 Enter dense brush, brs. NW. & SE.  
 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 10 S R 13 E, in N. half, 1913 in S.rim;  
 S 14 in NW.,  
 S 13 in NE.,  
 S 24 in SE., and  
 S 23 in SW. quad.; from which,  
 A mesquite tree 8 ins. diam. brs. N.  $39\frac{1}{4}$ ° E. 307 lks. dist.,  
 marked T 10 S R 13 E S 13 B T.  
 A mesquite tree 10 ins. diam. brs. S.  $64\frac{1}{4}$ ° E. 85 lks. dist.,  
 marked T 10 S R 13 E S 24 B T.  
 A mesquite tree 6 ins. diam. brs. S.  $69\frac{3}{4}$ ° W. 453 lks. dist.,  
 marked T 10 S R 13 E S 23 B T.  
 A mesquite tree 8 ins. diam. brs. N.  $10$ ° W. 111 lks. dist.,  
 marked T 10 S R 13 E S 14 B T.

Land, rolling.  
 Soil, 3rd rate, gravelly, dry, hard-pan underlying.  
 Mesquite, catclaw, cacti, fair grass.

40.00 N.  $89^{\circ}54'$  E., on a random line bet. secs. 13 & 24.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.98 Intersect E. bdy. of Tp. 7 lks. N. of cor. of secs. 13 &  
 24, recently reestablished by me, and described in  
 book "A", whence I run,  
 S.  $89^{\circ}57'$  W., on a true line bet. secs. 13 & 24.  
 Over rolling land, through dense brush.  
 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, 1913  
 in S.rim;  $\frac{1}{4}$  S 13 in N., and  
 S 24 in S. half; from which,  
 A mesquite tree 15 ins. diam. brs. S.  $50$ ° E. 17 lks. dist.,  
 marked  $\frac{1}{4}$  S 24 B T.  
 A mesquite tree 15 ins. diam. brs. N.  $9$ ° W. 96 lks. dist.,  
 marked  $\frac{1}{4}$  S 13 B T.

55.00 Wash, 10 lks. wide, course SE.  
 79.98 To cor. of secs. 13, 14, 23 & 24.  
 Land, rolling.  
 Soil, 3rd rate, gravelly.  
 Mesquite, catclaw, cacti, fair grass.

July 25, 1913.  
W.H.E.

W. H. E.  
 July 28, 1913.  
 At 8h a.m., l.m.t., at the cor. of secs. 13, 14, 23 & 24,  
 hereinbefore described,  
 I set off  $19^{\circ}03\frac{1}{2}'$  N. on the decl. arc, and  $32^{\circ}33'$  N. on  
 the lat. arc, and determine a meridian with the solar.  
 Thence I run,

Chains.	
	N. 0° 5' W., bet. secs. 13 & 14. Over rolling land, through dense brush.
14.00	Wash, 20 lks. wide, course SE.
35.00	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 $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 in S. rim; $\frac{1}{4}$ S 14 in W., and S 13 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.
44.00	Wash, 90 lks. wide, course SE.
55.00	Dim road, brs. NW. & SE.
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 10 S R 13 E, in N. half, 1913 in S. rim; S 11 in NW., S 12 in NE., S 13 in SE., and S 14 in SW. quad.; from which, A mesquite tree 6 ins. diam. brs. N. $43\frac{3}{4}$ ° E. 122 lks. dist., marked T 10 S R 13 E S 12 B T. A mesquite tree 8 ins. diam. brs. S. $4\frac{1}{2}$ ° E. 144 lks. dist., marked T 10 S R 13 E S 13 B T. A mesquite tree 8 ins. diam. brs. S. $89\frac{1}{4}$ ° W. 125 lks. dist., marked T 10 S R 13 E S 14 B T. A mesquite tree 10 ins. diam. brs. N. $15$ ° W. 305 lks. dist., marked T 10 S R 13 E S 11 B T. Land, rolling. Soil, 3rd rate, gravelly, dry. Mesquite, catclaw, cacti, sparse grass.
40.00	N. 89° 57' E., on a random line bet. secs. 12 & 13. Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect cor. of secs. 12 & 13, on E. bdy. of Tp., recently reestablished by me, and heretofore described in book "A.", whence I run, S. 89° 57' W., on a true line bet. secs. 12 & 13. 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, 1913 in S. rim; $\frac{1}{4}$ S 12 in N., and S 13 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 W. of cor.
42.00	Dim road, brs. NW. & SE.
63.00	Wash, 100 lks. wide, course SSE.
80.00	To cor. of secs. 11, 12, 13 & 14. Land, rolling, broken. Soil, 3rd rate, gravelly, dry. Mesquite cacti, catclaw, sparse grass.
14.00	N. 0° 5' W., bet. secs. 11 & 12. Over rolling land, through dense brush.
25.00	Wash, 100 lks. wide, course 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, 1913 in S. rim; $\frac{1}{4}$ S 11 in W., and S 12 in E. half; from which, A mesquite tree 8 ins. diam. brs. S. $71\frac{3}{4}$ ° E. 95 lks. dist., marked $\frac{1}{4}$ S 12 B T. A mesquite tree 10 ins. diam. brs. S. $83$ ° W. 143 lks. dist., marked $\frac{1}{4}$ S 11 B T.
41.80	Dim road, brs. NW. & SE.
80.00	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 10 S R 13 E, in N. half, 1913 in S. rim; S 2 in NW., S 1 in NE., S 12 in SE., and S 11 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. Soil, 3rd rate, gravelly, dry. Mesquite, catclaw, cacti, sparse grass.

Subdivision of T. 10 S., R. 13 E.

Chains.

- N. 89°57' E., on a random line bet. secs. 1 & 12.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.04 Intersect E. bdy. of Tp. 5 lks. N. of cor. of  
secs. 1 & 12, recently reestablished by me, and  
described in book "A", whence I run,  
S. 89°59' W., on a true line bet. secs. 1 & 12.  
Over rolling land, through dense brush.
- 27.00 Wash, 10 lks. wide, course SE.
- 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. 1913 in  
S. rim;  $\frac{1}{4}$  S 1 in N., and  
S 12 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.
- 42.00 Road, State Highway, from Phoenix, Florence, to Tucson,  
Douglas, etc., brs. NW. & SE.
- 74.00 Wash, 2 chs. wide, course SE.
- 80.04 To cor. of secs. 1, 2, 11 & 12.  
Land, rolling.  
Soil, 3rd rate, gravelly, dry.  
Mesquite, catclaw, cacti, fair grass.  
At this cor. at noon, I set off 19°01' N. on the decl.  
arc, and observe the sun on the meridian.  
The resulting lat. is 32°35' N.

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- N. 0° 5' W., on a random line bet. secs. 1 & 2.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.02 Intersect N. bdy. of Tp. at cor. of  
secs. 1, 2, 35 & 36, as recently established by  
J. B. Wright, and described in book C, whence I run,  
S. 0° 5' E., on a true line bet. secs. 1 & 2.  
Over rolling land, through scattering brush.
- 18.00 Wash, 10 lks. wide, course SE.
- 30.00 Wash, 10 lks. wide, course ESE.
- 40.02 Set an iron post 3 ft. long, 1 in. in diam. 20 ins. in  
the ground to bed-rock, in mound of stone for  $\frac{1}{4}$  sec. cor.,  
marked on brass cap, 1913 in S. rim;  
 $\frac{1}{4}$  S 2 in W., and  
S 1 in E. half; from which,  
A mesquite tree 10 ins. diam. brs. S.  $16\frac{3}{4}$ ° E. 160 lks. dist.,  
marked  $\frac{1}{4}$  S 1 B T.  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
No other bearings available, pits impracticable.
- 43.70 State highway, bears NW. and SE.
- 75.00 Wash, 60 lks. wide, course SE.
- 80.02 Cor. of secs 1, 2, 11 and 12.  
Soil, 3rd rate, gravelly, dry. Land rolling.  
Scattering mesquite, catclaw, fair grass, cacti.  
July 28, 1913. W. H. E.

Chains.	
	<p>July 26, 1913. <span style="float: right;">W. H. E.</span>            At 7h a.m., l.m.t., at the Std. cor. of secs. 34 &amp; 35,            on the S. bdy. of the Tp., <del>as</del> recently re-established            by J. B. Wright, and described in book "B"            I set off <math>19^{\circ}31\frac{1}{2}'</math> N. on the decl. arc, and <math>32^{\circ}30\frac{1}{2}'</math> N. on            the lat. arc, and determine a meridian with the solar.            Thence I run,            N. <math>0^{\circ}5'</math> W., bet. secs. 34 &amp; 35.            Over rolling, broken land, through scattering brush.            Wash, 50 lks. wide, course SE.</p>
23.00	
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, 1913            in S. rim; <math>\frac{1}{4}</math> S 34 in W., and            S 35 in E. half; from which,            A paloverde tree 6 ins. diam. brs. S. <math>10\frac{3}{4}^{\circ}</math> E. 73 lks. dist.,            marked <math>\frac{1}{4}</math> S 35 B T.            A paloverde tree 6 ins. diam. brs. S. <math>36\frac{1}{2}^{\circ}</math> W. 126 lks. dist.,            marked <math>\frac{1}{4}</math> S 34 B T.</p>
62.80	<p>Wash, 60 lks. wide, course ESE.</p>
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 10 S R 13 E, in N. half, 1913 in S. rim;            S 27 in NW.,            S 26 in NE.,            S 35 in SE., and            S 34 in SW. quad.; from which,            A paloverde tree 6 ins. diam. brs. N. <math>33^{\circ}</math> E. 123 lks. dist.,            marked T 10 S R 13 E S 26 B T.            A paloverde tree 6 ins. diam. brs. S. <math>32\frac{3}{4}^{\circ}</math> E. 30 lks. dist.,            marked T 10 S R 13 E S 35 B T.            A paloverde tree 6 ins. diam. brs. S. <math>68\frac{1}{2}^{\circ}</math> W. 150 lks. dist.,            marked T 10 S R 13 E S 34 B T.            A paloverde tree 8 ins. diam. brs. N. <math>8\frac{1}{4}^{\circ}</math> W. 61 lks. dist.,            marked T 10 S R 13 E S 27 B T.</p>
	<p>Land, rolling.            Soil, 3rd rate, gravelly, dry.            Paloverde, mesquite, catclaw, cacti, sparse grass.</p>
	<p>East, on a random line bet. secs. 26 &amp; 35.</p>
40.00	<p>Set temp. <math>\frac{1}{4}</math> sec. cor.</p>
79.98	<p>Intersect N. &amp; S. line 2 lks. S. of cor. of            secs. 25, 26, 35 &amp; 36, whence I run,            S. <math>89^{\circ}59'</math> W., on a true line bet. secs. 26 &amp; 35.            Over rolling land, through dense brush.</p>
36.90	<p>Wash, 20 lks. wide, course SE.</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, 1913            in S. rim; <math>\frac{1}{4}</math> S 26 in N., and            S 35 in S. half;            dig pits 18x18x12 ins. E. &amp; W. of cor. 3 ft. dist., and            raise a mound of earth <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high N. of cor.</p>
79.98	<p>To cor. of secs. 26, 27, 34 &amp; 35.            Land, rolling.            Soil, 3rd rate, gravelly, dry!            Mesquite, catclaw, paloverde, cacti, fair grass.</p>



Chains.

- N. 0° 5' W., bet. secs. 26 & 27.  
Over rolling land, through dense brush.
- 32.00 Wash, 20 lks. wide, course 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, 1913 in S.rim;  $\frac{1}{4}$  S 27 in W., and No bearings available. S 26 in E. half; Pits impracticable.  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 62.00 Wash, 30 lks. wide, course SE.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 22, 23, 26 & 27, marked on brass cap, T 10 S R 13 E, in N. half, 1913 in S.rim; S 22 in NW., S 23 in NE., S 26 in SE., and S 27 in SW. quad.;  
No bearings available. Pits impracticable.  
Raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Land, rolling.  
Soil, 3rd rate, gravelly, dry.  
Paloverde, catclaw, mesquite, cacti, fair grass.
- 
- N. 89° 59' E., on a random line bet. secs. 23 & 26.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.04 Intersect N. & S. line 2 lks. N. of cor. of secs. 23, 24, 25 & 26, whence I run, West, on a true line bet. secs. 23 & 26.  
Over rolling land, through dense brush.
- 2.95 Dim road, brs. NNW. & SSE.
- 12.00 Wash, 30 lks. wide, course SE.
- 27.00 Dim road, brs. NE. & SW.
- 40.00 Point for  $\frac{1}{4}$  sec. cor. falls in wash, 80 lks. wide, course SE.
- 40.72 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for witness cor. to  $\frac{1}{4}$  sec. cor., marked on brass cap, W C  $\frac{1}{4}$  E. of centre, 1913 in S.rim; S 23 in NW., and S 26 in SW. quad.;  
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.
- 80.04 To cor. of secs. 22, 23, 26 & 27.  
Land, rolling. Soil, 3rd rate, gravelly, dry.  
Mesquite, catclaw, paloverde, cacti, fair grass.  
At this cor., at noon, I set off 19° 28' N. on the decl. arc, and observe the sun on the meridian.  
The resulting lat. is 32° 32' N.
- 
- N. 0° 5' W., bet. secs. 22 & 23.  
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, 1913 in S.rim;  $\frac{1}{4}$  S 22 in W., and S 23 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.
- 50.80 Wash, 50 lks. wide, course SE.
- 65.00 Wash, 100 lks. wide, course SE.
- 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 10 S R 13 E, in N. half, 1913 in S.rim, S 15 in NW., S 14 in NE., S 23 in SE., and S 22 in SW. quad.; from which,  
A paloverde tree 6 ins. diam. brs. N. 65 $\frac{1}{4}$ ° E. 64 lks. dist., marked T 10 S R 13 E, S 14 B T.  
A mesquite tree 8 ins. diam. brs. S. 23 $\frac{3}{4}$ ° E. 55 lks. dist., marked T 10 S R 13 E S 23 B T.  
A mesquite tree 8 ins. diam. brs. S. 47 $\frac{1}{2}$ ° W. 37 lks. dist., marked T 10 S R 13 E S 22 B T.  
A mesquite tree 6 ins. diam. brs. N. 15 $\frac{1}{4}$ ° W. 229 lks. dist., marked T 10 S R 13 E S 15 B T.  
Land, rolling. Soil, 3rd rate, gravelly, dry.  
Mesquite, paloverde, catclaw, cacti, sparse grass.

Chains.	East, on a random line bet. secs. 14 & 23.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.10	Intersect N. & S. line 9 lks. S. of cor. of secs. 13, 14, 23 & 24, whence I run, S. $89^{\circ}56'$ W., on a true line bet. secs. 14 & 23. Over rolling land, through dense brush.
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, 1913 in S. rim; $\frac{1}{4}$ S 14 in N., and S 23 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.
40.55	Dim road, brs. NNW. & SSE.
80.10	To cor. of secs. 14, 15, 22 & 23. Land, rolling. Soil, 3rd rate, gravelly, dry. Mesquite, cacti, catclaw, paloverde, fair grass. July 26, 1913. W.H.E.
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	W.H.E. July 29, 1913. At 7h a.m., l.m.t., at the cor. of secs. 14, 15, 22 & 23, as hereinbefore described, I set off $18^{\circ}50\frac{1}{2}'$ N. on the decl. arc, and $32^{\circ}33'$ N. on the lat. arc, and determine a meridian with the solar. Thence I run, N. $0^{\circ}5'$ W., bet. secs. 14 & 15. 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, 1913 in S. rim; $\frac{1}{4}$ S 15 in W., and S 14 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. 10, 11, 14 & 15, marked on brass cap, T 10 S R 13 E, in N. half, 1913 in S. rim; S 10 in NW., a S 11 in NE., S 14 in SE., and S 15 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. Soil, 3rd rate, gravelly, dry. Mesquite, cactclaw, cacti, sparse grass.
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40.00	N. $89^{\circ}56'$ E., on a random line bet. secs. 11 & 14. Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. & S. line 9 lks. N. of cor. of secs. 11, 12, 13 & 14, whence I run, West, on a true line bet. secs. 11 & 14. Over rolling land, through dense 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, 1913 in S. rim; $\frac{1}{4}$ S 11 in N., and S 14 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.
44.00	Wash, 100 lks. wide, course SE., leave brush, brs. NW. & SE.
69.50	Dim road, brs. N. & S.
80.04	To cor. of secs. 10, 11, 14 & 15. Land, rolling. Soil, 3rd rate, gravelly, dry. Mesquite, cacti, catclaw, paloverde, fair grass.

Book 9741

Subdivision of T. 10 S., R. 13 E.

Chains. N. 0° 5' W., bet. secs. 10 & 11.  
 Over rolling land, through dense brush.  
 20.00 Wash, 20 lks. wide, course ESE.  
 25.00 Wash, 20 lks. wide, course ESE.  
 35.00 Stony wash, 10 lks. wide, course 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, 1913  
 in S. rim;  $\frac{1}{4}$  S 10 in W., and No bearings available;  
 $\frac{1}{4}$  S 11 in E. half; pits impracticable.  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 57.00 Dim road, brs. NNW. & SSE.  
 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 10 S R 13 E, in N. half, 1913 in S. rim;  
 S 3 in NW.,  
 S 2 in NE.,  
 S 11 in SE., and  
 S 10 in SW. quad.; from which,  
 A mesquite tree 10 ins. diam. brs. N. 59 $\frac{1}{4}$ ° E. 164 lks. dist.,  
 marked T 10 S R 13 E S 2 B T.  
 No other bearings available.  
 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. Soil, 3rd rate, gravelly, dry.  
 Mesquite, catclaw, cacti, fair grass.  
 At this cor., at noon, I set off  $18^{\circ}46\frac{1}{2}'$  N. on the decl.  
 arc, and observe the sun on the meridian.  
 The resulting lat. is 32°35' N.

East, on a random line bet. secs. 2 & 11.  
 40 00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect N. & S. line 5 lks. N. of cor. of  
 secs. 1, 2, 11 & 12, whence I run,  
 N. 89°58' W., on a true line bet. secs. 2 & 11.  
 Over rolling land, through scattering brush.  
 39.98 Set an iron post 3 ft. long, 2 in. in diam. 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap, 1913  
 in S. rim;  $\frac{1}{4}$  S 2 in N., and  
 $\frac{1}{4}$  S 11 in S. half; from which,  
 A mesquite tree 10 ins. diam. brs. N. 1 $\frac{1}{2}$ ° W. 118 lks. dist.,  
 marked  $\frac{1}{4}$  S 2 B T.  
 A mesquite tree 8 ins. diam. brs. S. 28 $\frac{1}{2}$ ° E. 158 lks. dist.,  
 marked  $\frac{1}{4}$  S 11 B T.  
 41.70 Wash, 70 lks. wide, course ESE.  
 44.30 Dim road, brs. WNW. & ESE.  
 69.00 Ridge, brs N. & S., desc.  
 79.96 To cor. of secs. 2, 3, 10 & 11.  
 Land, rolling. Soil, 3rd rate, gravelly, dry.  
 Mesquite, catclaw, cacti, fair grass.

N. 0° 5' W., on a random line bet. secs. 2 & 3.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor. S. 89°59' W.  
 80.02 Intersect N. bdy. of Tp. 5 lks. N. of cor. of secs. 2, 3,  
 34 & 35, recently established by J. B. Wright, and  
 described in book "C", whence I run,  
 S. 0° 3' E., on a true line bet. secs. 2 & 3.  
 Over rolling land, through scattering brush.  
 35.00 Wash, 2 chs. wide, course ESE.  
 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, 1913 in  
 S. rim;  $\frac{1}{4}$  S 3 in W., and  
 $\frac{1}{4}$  S 2 in E. half; from which,  
 A mesquite tree 6 ins. diam. brs. S. 46 $\frac{3}{4}$ ° E. 244 lks. dist.,  
 marked  $\frac{1}{4}$  S 2 B T.  
 A mesquite tree 12 ins. diam. brs. S. 2 $\frac{1}{4}$ ° W. 170 lks. dist.,  
 marked  $\frac{1}{4}$  S 3 B T.  
 72.00 Dim road, brs. E. & W.  
 75.00 Wash, 1 ch. wide, course ESE.  
 80.02 To cor. of secs. 2, 3, 10 & 11.  
 Land, rolling.  
 Soil, 3rd rate, gravelly, dry.  
 Mesquite, cacti, catclaw, fair grass.  
 July 29, 1913. W.H.E.

10

Subdivision of T. 10 S., R. 13 E.

Chains.	July 28, 1913. J. B. W. At 7h a.m., l.m.t., at the Std. cor. of secs. 33 & 34, on the S. bdy. of the Tp. recently re-established by me, and described in book "B". I set off $19^{\circ}04\frac{1}{2}'$ N. on the decl. arc, and $32^{\circ}30\frac{1}{2}'$ N. on the lat. arc, and determine a meridian with the solar. Thence I run, over broken stony land, through dense brush. N. $0^{\circ}6'$ W., bet. secs. 33 & 34.
20.00	Dim road, in wash, 30 lks. wide, course SSE.
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, 1913 in S. rim; $\frac{1}{4}$ S 33 in W., and S 34 in E. half; no trees available. Pits imprac.
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 10 S R 13 E, in N. half, 1913 in S. rim, S 28 in NW., S 27 in NE., S 34 in SE., and S 33 in SW. quad.; No trees available. Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Land, rolling, broken, stony. Pits imprac. Soil, 3rd rate, stony, gravelly, dry. Mesquite brush, cacti, catclaw, fair grass.
40.00	East, on a random line bet. secs. 27 & 34. Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. & S. line 2 lks. N. of cor. of secs. 26, 27, 34 & 35, established by W. H. Elliott, hereinbefore described, whence I run, N. $89^{\circ}59'$ W., on a true line bet. secs. 27 & 34. Over rolling broken land, through dense brush.
15.50	Wash, 25 lks. wide, course SE.
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, 1913 in S. rim; $\frac{1}{4}$ S 27 in N., and Pits impracticable. S 34 in S. half; No bearings available. raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
73.00	Wash, 2 chs. wide, course SE.
80.04	To cor. of secs. 27, 28, 33 & 34. Land, rolling, broken. Soil, 3rd rate, gravelly, dry. Mesquite, sage brush, cacti, paloverde, fair grass.
6.00	N. $0^{\circ}6'$ W., bet. secs. 27 & 28. Over rolling land, through dense brush. Wash, 2 chs. wide, course 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, 1913 in S. rim; $\frac{1}{4}$ S 28 in W., and S 27 in E. half; from which, A mesquite tree 8 ins. diam. brs. N. $55^{\circ}$ E. 84 lks. dist., marked $\frac{1}{4}$ S 27 B T. A mesquite tree 10 ins. diam. brs. S. $80^{\circ}$ W. 18 lks. dist., marked $\frac{1}{4}$ S 28 B T.
79.75	Wash, 20 lks. wide, course ESE.
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 10 S R 13 E, in N. half, 1913 in S. rim; S 21 in NW., S 22 in NE., S 27 in SE., and S 28 in SW. quad.; from which,

## Subdivision of T. 10 S., R. 13 E.

11

- Chains.
- A catclaw tree 6 ins. diam. brs. N.  $83\frac{3}{4}^{\circ}$  E. 105 lks. dist., marked T 10 S R 13 E S 22 B T.
- A catclaw tree 5 ins. diam. brs. S.  $40\frac{3}{4}^{\circ}$  E. 83 lks. dist., marked T 10 S R 13 E S 27 B T.
- A catclaw tree 6 ins. diam. brs. S.  $51^{\circ}$  W. 82 lks. dist., marked T 10 S R 13 E S 28 B T.
- A china tree 8 ins. diam. brs. N.  $74\frac{1}{4}^{\circ}$  W. 61 lks. dist., marked T 10 S R 13 E S 21 B T.
- Land, rolling, broken. Soil, 3rd rate, gravelly, dry. Mesquite, catclaw, cacti, fair grass.
- At this cor., at noon, I set off  $19^{\circ}01'$  N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is  $32^{\circ}32'$  N.
- 
- S.  $89^{\circ}59'$  E., on a random line bet. secs. 22 & 27.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.06 Intersect N. & S. line 2 lks. S. of cor. of secs. 22, 23, 26 & 27, as recently established by W. H. Elliott, and hereinbefore described, whence I run, West, on a true line bet. secs. 22 & 27. Over rolling land, through dense brush.
- 27.00 Wash, 25 lks. wide, course SE.
- 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, 1913 in S. rim;  $\frac{1}{4}$  S 22 in N. and No bearings available. S 27 in S. half; Pits imprac. raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 80.06 To cor. of secs. 21, 22, 27 & 28. Land, rolling, broken. Soil, 3rd rate, gravelly, stony, dry, loose. Mesquite and catclaw brush, cacti, fair grass.
- 
- N.  $0^{\circ}6'$  W., bet. secs. 21 & 22.
- Over rolling land, through dense brush.
- 1.50 Wash, 20 lks. wide, course E.
- 25.00 Wash, 20 lks. wide, course 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, 1913 in S. rim;  $\frac{1}{4}$  S 21 in W., and No bearings available. S 22 in E. half; Pits impracticable. raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 45.00 Wash, 10 lks. wide, course SE.
- 55.00 Stony wash, 20 lks. wide, course NE.
- 65.00 Wash, 1 ch. wide, course SSE.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground, on bed-rock, in mound of stone for cor. of secs. 15, 16, 21 & 22, marked on brass cap, 1913 in S. rim; T 10 S R 13 E, in N. half, S 16 in NW., S 15 in NE., S 22 in SE., and S 21 in SW. quad.; from which, A mesquite tree 8 ins. diam. brs. S.  $52\frac{1}{4}^{\circ}$  E. 142 lks. dist., marked T 10 S R 13 E S 22 B T. No other trees available, pits impracticable. Raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Land, rolling, broken. Soil, 3rd rate, gravelly, dry. Mesquite and catclaw brush, cacti, paloverde, fair grass.

12

Subdivision of T. 10 S., R. 13 E.

Chains.	East, on a random line bet. secs. 15 & 22.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. & S. line 5 lks. S. of cor. of secs. 14, 15, 22 & 23, recently established by W. H. Elliott, & hereinbefore described, whence I run, S. $89^{\circ}58'$ W., on a true line, bet. secs. 15 & 22. Over rolling land, through scattering brush.
6.00	Wash, 20 lks. wide, course SE.
25.00	Wash, 20 lks. wide, course SSE.
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, 1913 in S. rim; $\frac{1}{4}$ S 15 in N., and S 22 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.
43.00	Wash, 20 lks. wide, course S.
74.00	Wash, 10 lks. wide, course SE.
80.04	To cor. of secs. 15, 16, 21 & 22. Land, rolling, broken. Soil, 3rd rate, gravelly, dry. Mesquite, catclaw, paloverde, wacti, fair grass. July 28, 1913. J. B. W.
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	July 30, 1913. <span style="float: right;">W. H. E.</span>
	At 7h a.m. l.m.t., at the cor. of secs. 15, 16, 21 & 22, hereinbefore described, I set off $18^{\circ}36\frac{1}{2}'$ N. on the decl. arc, and $32^{\circ}33'$ N. on the lat. arc, and determine a meridian with the solar. Thence I run, N. $0^{\circ}6'$ W., bet. secs. 15 & 16. Over rolling, broken land, through scattering brush.
35.00	Stony wash, 60 lks. wide, course 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, 1913 in S. rim; $\frac{1}{4}$ S 16 in W., and S 15 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.
61.00	Wash, 50 lks. wide, course SE.
71.00	Dim road, 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. 9, 10, 15 & 16, marked on brass cap, T 10 S R 13 E, in N. half, 1913 in S. rim; S 9 in NW., S 10 in NE., S 15 in SE., and S 16 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, broken. Soil, 3rd rate, gravelly, stony, dry. Mesquite, catclaw, fair grass.
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	N. $89^{\circ}58'$ E., on a random line bet. secs. 10 & 15.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect cor. of secs. 10, 11, 14 & 15, as established by me, and hereinbefore described, whence I run, S. $89^{\circ}58'$ W., on a true line bet. secs. 10 & 15. Over rolling land, through scattering brush.
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, 1913 in S. rim; $\frac{1}{4}$ S 10 in N., and S 15 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 W. of cor.
67.00	Dim road, brs. NE. & SW.
68.00	Wash, 30 lks. wide, course SE.
80.02	To cor. of secs. 9, 10, 15 & 16. Land, rolling. Soil, 3rd rate, gravelly, dry, sandy. Mesquite, catclaw, cacti, good grass.

## Chains.

- N.  $0^{\circ} 6'$  W., bet. secs. 9 & 10.  
 Over rolling land, through scattering brush.
- 38.25 Wash, 20 lks. wide, course ESE., asc. grad.
- 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, 1913 in S. rim;  $\frac{1}{4}$  S 9 in W., and No bearings available.  
 S 10 in E. half; Pits imprac.  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 62.00 Ridge, brs. E. & W., desc. grad.
- 69.50 Wash, 30 lks. wide, course E., asc. grad.
- 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 & 10, marked on brass cap, T 10 S R 13 E, in N. half, 1913 in S. rim;  
 S 4 in NW.,  
 S 3 in NE.,  
 S 10 in SE., and Pits imprac.  
 S 9 in SW. quad.; No bearings available.  
 Raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 Land, rolling, hilly.  
 Soil, 3rd rate, gravelly, dry.  
 Mesquite, catclaw, cacti, fair grass.  
 At this cor., at noon, I set off  $18^{\circ} 32\frac{1}{2}'$  N. on the decl. arc, and observe the sun on the meridian.  
 The resulting lat. is  $32^{\circ} 35'$  N.
- 
- N.  $89^{\circ} 58'$  E., on a random line bet. secs. 3 & 10.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.06 Intersect N. & S. line 2 lks. N. of cor. of secs. 2, 3, 10 & 11, hereinbefore described, whence I run, S.  $89^{\circ} 59'$  W., on a true line bet. secs. 3 & 10.  
 Over rolling land, through scattering brush.
- 6.90 Dim road, brs. WNW. & SE.
- 10.15 Dim road, brs. ENE. & WSW.
- 26.50 Wash, 30 lks. wide, course ENE.
- 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, 1913, in S. rim;  $\frac{1}{4}$  S 3 in N., and S 10 in S. half; from which,  
 A mesquite tree 8 ins. diam. brs. N.  $55^{\circ}$  E. 126 lks. dist., marked  $\frac{1}{4}$  S 3 B T.  
 A mesquite tree 8 ins. diam. brs. S.  $42^{\circ}$  E. 164 lks. dist., marked  $\frac{1}{4}$  S 10 B T.
- 51.50 Wash, 30 lks. wide, course ESE.
- 54.50 Same wash, course ENE.
- 65.00 House, corral and well, sheep camp, known as the "B & B" sheep ranch, brs. South, about 13 chs. dist.
- 80.06 To cor. of secs. 3, 4, 9 & 10.  
 Land, rolling. Soil, 3rd rate, gravelly, dry.  
 Mesquite, dense cacti, fair grass.
- 
- N.  $0^{\circ} 3'$  W., on a random line bet. secs. 3 & 4.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.05 Intersect N. bdy. of Tp. at cor. of secs. 3, 4, 33 & 34, recently established by J. W. Wright, and described in book "C", whence I run,  
 S.  $0^{\circ} 3'$  E., on a true line bet. secs. 3 & 4.  
 Over heavily rolling land, through scattering brush.
- 20.00 Ridge, brs. E. & W., desc.
- 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, 1913 in S. rim;  $\frac{1}{4}$  S 4 in W., and  
 S 3 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.
- 40.75 Wash, 25 lks. wide, course E., asc.
- 69.00 Ridge, brs. E. & W., desc.
- 73.00 Wash, 2 chs. wide, course E., asc.
- 76.00 Ridge, brs. E. & W., desc.
- 80.05 To cor. of secs. 3, 4, 9 & 10.  
 Land, rolling, broken. Soil, 3rd rate, stony, gravelly.  
 Mesquite, cacti, sparse grass.

Chains.

	<p>July 29, 1913. <span style="float: right;">J. B. W.</span>            At 8h a.m., l.m.t., at the Std. cor. of secs. 32 &amp; 33,            on the S. bdy. of the Tp., recently re-established            by me, and described in book "B."            I set off <math>18^{\circ}49\frac{1}{2}'</math> N. on the decl. arc, and <math>32^{\circ}30\frac{1}{2}'</math> N. on            the lat. arc, and determine a meridian with the solar.            Thence I run,            N. <math>0^{\circ}6'</math> W., bet. secs. 32 &amp; 33.            Over very broken land, through dense brush.</p>
3.00	Wash, 50 lks. wide, course E.
25.00	Wash, 20 lks. wide, course E., 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 1913 in S. rim; $\frac{1}{4}$ S 32 in W., and S 33 in E. half; from which, A paloverde tree 6 ins. diam. brs. S. $69^{\circ}$ E. 36 lks. dist., marked $\frac{1}{4}$ S 33 B T. No other trees available. Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
44.50	Spur, brs. E. & W., from Mts. to W., desc. <span style="float: right;">Pits imprac.</span>
54.60	Wash, 40 lks. wide, course ESE.
70.50	Wash, 30 lks. wide, course E.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 2 $\frac{1}{2}$ ins. in the ground for cor. of secs. 28, 29, 32 & 33, marked on brass cap, T 10 S R 13 E, in N. half, 1913 in S. rim; S 29 in NW., S 28 in NE., S 33 in SE., and <span style="float: right;">No bearings available,</span> S 32 in SW. quad.; <span style="float: right;">Pits imprac.</span> raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, rolling, broken. Soil, 3rd rate, gravelly, sandy, stony, loose. Mesquite, catclaw, cacti, sparse grass.
40.00	East, on a random line bet. secs. 28 & 33. Set temp, $\frac{1}{4}$ sec. cor.
80.04	Intersect N. & S. line 2 lks. N. of cor. of secs. 27, 28, 33 & 34, hereinbefore described, whence I run, N. $89^{\circ}59'$ W., on a true line bet. secs. 28 & 33. Over rolling, broken, stony land, through dense brush.
28.50	Dim road, brs. NNW. & SSE.
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, 1913 in S. rim; $\frac{1}{4}$ S 28 in N., and S 33 in S. half; no bearings available, Pits imprac. raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
57.00	Wash, 30 lks. wide, course SE., asc. grad.
80.04	To cor. of secs. 28, 29, 32 & 33. Land, rolling, broken. Soil, 3rd rate gravelly, dry, stony, loose. Mesquite, catclaw, cacti, sparse grass.
	<p>At the cor. of secs. 28, 29, 32 &amp; 33, at noon, I set off <math>18^{\circ}46\frac{1}{2}'</math> N.            on the decl. arc, and observe the sun on the meridian.            The resulting lat. is <math>32^{\circ}31\frac{1}{2}'</math> N.</p>



Chains.

N. 0° 6' W., bet. secs. 28 & 29.  
Over rolling, broken land, drains to SE, through scattering brush.

30.00 Wash, 30 lks. wide, course SE.

39.00 Wash, 10 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, 1913 in S. rim; 1/4 S 29 in W., and

S 28 in E. half; from which,  
A china tree 6 ins. diam. brs. S. 7 3/4° E. 108 lks. dist., marked 1/4 S 28 B T.

A china tree 8 ins. diam. brs. N. 12 3/4° W. 133 lks. dist., marked 1/4 S 29 B T.

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 10 S R 13 E, in N. half, 1913 in S. rim; S 20 in NW., S 21 in NE., S 28 in SE., and S 29 in SW. quad.; No bearings available.

raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor. Pits impracticable.  
Land, rolling, broken.

Soil, 3rd rate, gravelly, dry, stony.

Scattering mesquite, china trees, catclaw, fair grass.

S. 89° 59' E., on a random line bet. secs. 21 & 28.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect N. & S. line 2 lks. N. of cor. of secs. 21, 22, 27 & 28, whence I run,

N. 89° 58' W., on a true line bet. secs. 21 & 28.

Over rolling land, asc. grad., through scattering brush.

5.00 Wash, 20 lks. wide, course ESE., enter dense brush.

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, 1913 in S. rim; 1/4 S 21 in N., and

S 28 in S. half; from which,  
A mesquite tree 12 ins. diam. brs. N. 28° E. 218 lks. dist., marked 1/4 S 21 B T.

A mesquite tree 14 ins. diam. brs. S. 84° W. 219 lks. dist., marked 1/4 S 28 B T.

54.00 Dim road, brs. NW. & SE.

80.00 To cor. of secs. 20, 21, 28 & 29.

Land, rolling. Soil, 3rd rate, andy, gravelly.

Mesquite, catclaw, cacti. July 29, 1913. J. B. W.

July 31, 1913.

W. H. E.

At 7h a.m., l.m.t., at the cor. of secs. 20, 21, 28 & 29,

I set off 18° 21 1/2' N. on the decl. arc, and 32° 32' N. on the lat. arc, and determine a meridian with the solar. Thence I run,

N. 0° 6' W., bet. secs. 20 & 21,

Over broken, stony land, through scattering brush.

22.00 Draw, 5 chs. wide, course ESE.

36.45 Dim road, brs. NNW. & SSE.

39.25 Wash, 15 lks. wide, course ESE.

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, 1913 in S. rim; 1/4 S 20 in W., and

S 21 in E. half; from which,  
A catclaw tree 4 ins. diam. brs. S. 57° E. 128 lks. dist., marked 1/4 S 21 B T.

A mesquite tree 8 ins. diam. brs. N. 10 1/4° W. 308 lks. dist., marked 1/4 S 20 B T.

59.20 Wash, 15 lks. wide, course ESE., asc.

61.00 Spur, brs. ENE. from WSW., desc.

64.70 Wash, 15 lks. wide, course ESE.

## Chains.

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 10 S R 13 E, in N. half, 1913 in S. rim;  
 S 17 in NW.,  
 S 16 in NE.,  
 S 21 in SE., and No bearings available.  
 S 20 in SW. quad.; Pits impracticable.  
 raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.  
 Land, heavily rolling.  
 Soil, 3rd rate, gravelly, stony, dry.  
 Mesquite, catclaw, cacti, sparse grass.

40.00 S. 89°58' E., on a random line bet. secs. 16 & 21.  
 Set temp. ¼ sec. cor.  
 79.96 Intersect N. & S. line 2 lks. S. of cor. of cor. of secs. 15, 16, 21 & 22, established by J. B. Wright, and hereinbefore described, whence I run,  
 N. 89°59' W., on a true line bet. secs. 16 & 21.  
 Over rolling, broken land, through scattering brush.  
 39.98 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap, 1913 in S. rim; ¼ S 16 in N., and No bearings available.  
 S 21 in S. half; Pits impracticable.  
 raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.  
 60.00 Wash, 50 lks. wide, course ESE.  
 79.96 To cor. of secs. 16, 17, 20 & 21.  
 Land, rolling.  
 Soil, 3rd rate, gravelly, stony, dry, loose.  
 Mesquite, catclaw, cacti, sparse grass.  
 At this cor., at noon, I set off 18°18' N. on the decl. arc, and observe the sun on the meridian.  
 The resulting lat. is 32°33' N.

N. 0° 6' W., bet. secs. 16 & 17.  
 Over heavily rolling, broken land, scattering brush.  
 4.40 Wash, 20 lks. wide, course NE.  
 13.10 Wash, 50 lks. wide, course E., road in same, asc. grad.  
 32.00 House, well, tank, with corral, brs. West, about 20 chs. dist., owner unknown.  
 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, 1913 in S. rim; ¼ S 17 in W., and S 16 in E. half; No bearings available. Pits imprac. Raise a md. of stone 2 ft. base, 1½ ft. high, Top of rise, thence along near E. foot of mts. to W. (W. of cor.)  
 45.00 High butte about 25 chs. to W. of line.  
 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 10 S R 13 E, in N. half, 1913 in S. rim;  
 S 8 in NW.,  
 S 9 in NE.,  
 S 16 in SE., and No bearings available;  
 S 17 in SW. quad.; Pits impracticable.  
 raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.  
 Land, rolling, broken.  
 Soil, 3rd rate, stony, gravelly, dry.  
 Scattering mesquite, catclaw, cacti, sparse grass.

Subdivision of T. 10 S., R. 13 E.

Chains.

S. 89°59' E., on a random line bet. secs. 9 & 16.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.02 Intersect N. & S. line  $2\frac{1}{2}$  lks. N. of cor. of  
 secs. 9, 10, 15 & 16, as herein before described,  
 whence I run,  
 N. 89°58' W., on a true line bet. secs. 9 & 16.  
 Over rolling land, through dense brush, asc. grad.  
 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, 1913  
 in S. rim;  $\frac{1}{4}$  S 9 in N., and  
 S 16 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.  
 45.50 Wash, 10 lks. wide, course SE.  
 53.00 Wash, 20 lks. wide, course SSE.  
 80.02 To cor. of secs. 8, 9, 16 & 17.  
 Land, rolling.  
 Soil, 3rd rate, gravelly, dry.  
 Mesquite, catclaw, cacti, fair grass. W. H. E.  
 July 31, 1913.

W.H.E.

Aug. 1, 1913.

At 8h a.m., l.m.t., at the cor. of secs. 8, 9, 16 & 17,

I set off 18°05 $\frac{1}{2}$ ' N. on the decl. arc, and 32°34' N. on  
the lat. arc, and determine a meridian with the solar.  
Thence I run,

N. 0° 6' W., bet. secs. 8 & 9.

Over rolling, broken land, along E. foot of Tortillita  
Mts.

15.00 Wash, 20 lks. wide, course ESE.

32.00 Wash, 20 lks. wide, course 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, 1913  
in S. rim;  $\frac{1}{4}$  S 8 in W., and  
S 9 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.

45.00 Asc. SE. slope.

55.00 Top, slope to E., 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. 4, 5, 8 & 9, marked on  
brass cap, T 10 S R 13 E, in N. half, 1913 in S. rim;  
S 5 in NW.,  
S 4 in NE.,  
S 9 in SE., and  
S 8 in SW. quad.; from which,

A mesquite tree 8 ins. diam. brs. N. 67 $\frac{1}{2}$ ° E. 231 lks. dist.,  
marked T 10 S R 13 E S 4 B T.

A mesquite tree 8 ins. diam. brs. S. 69 $\frac{3}{4}$ ° E. 244 lks. dist.,  
marked T 10 S R 13 E S 9 B T.

No other bearings available.

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, hilly, mts.

Soil, 3rd rate, gravelly, dry.

Mesquite, cacti, sparse grass.

18

Subdivision of T. 10 S., R. 13 E.

Chains.	
40.00	S. $89^{\circ}58'$ E., on a random line bet. secs. 4 & 9.
80.04	Set temp. $\frac{1}{4}$ sec. cor. Intersect N. & S. line 5 lks. N. of cor. of secs. 3, 4, 9 & 10, as hereinbefore described, whence I run, N. $89^{\circ}56'$ W., on a true line bet. secs. 4 & 9. Over broken, rolling land, asc. grad., through scattering brush.
25.00	Wash, 30 lks. wide, course SE.
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, 1913 in S. rim; $\frac{1}{4}$ S 4 in N., and S 9 in S. half; from which, A mesquite tree 14 ins. diam. brs. N. $79\frac{1}{4}^{\circ}$ E. 182 lks. dist., marked $\frac{1}{4}$ S 4 B T. A mesquite tree 8 ins. diam. brs. S. $21^{\circ}$ E. 100 lks. dist., marked $\frac{1}{4}$ S 9 B T.
75.00	Wash, 20 lks. wide, course NE.
80.04	To cor. of secs. 4, 5, 8 & 9. Land, rolling, broken. Soil, 3rd rate, gravelly, dry, stony. Mesquite, catclaw, cacti, fair grass. At this cor., at noon, I set off $18^{\circ}03'$ N. on the decl. arc, and observe the sun on the meridian. The observed lat. is $32^{\circ}35'$ N.
40.00	N. $0^{\circ}3'$ W., bet. secs. 4 & 5, on a random line. Set temp. $\frac{1}{4}$ sec. cor.
80.12	Intersect N. bdy. of Tp. at cor. of secs. 4, 5, 32 & 33, recently established by J. B. Wright, and described in book, "C," whence I run, S. $0^{\circ}3'$ E., on a true line, bet. secs. 4 & 5. Over heavily rolling, broken land, asc. grad. through dense brush.
6.10	Low ridge, brs. SE. & NW., desc.
10.10	Wash, 20 lks. wide, course NNW., asc.
20.00	Ridge, brs. SE. & NW., desc. steep.
25.00	Wash, 20 lks. wide, course NW., asc.
40.12	Set an iron post 3 ft. long, 1 in. in diam. 20 ins. in the ground, on bed-rock, in mound of stone for $\frac{1}{4}$ sec. cor., marked on brass cap, 1913 in S. rim; $\frac{1}{4}$ S 5 in W., and No bearings available. S 4 in E. half; Pits impracticable. raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
52.30	Ridge, brs. E. & W., desc.
75.10	Wash, 10 lks. wide, course ENE.
80.12	To cor. of secs. 4, 5, 8 & 9. Land, heavily rolling, broken, mts. Soil, 3rd rate, gravelly, stony, dry, loose. Mesquite, catclaw, cacti, fair grass. Aug. 1, 1913. W. H. E.

Subdivision of T. 10 S., R. 13 E.

Chains.

July 30, 1913. J. B. W.  
 At 7h a.m., l.m.t., at the std. cor. of secs. 31 & 32,  
 on the S. bdy. of the Tp., recently re-established  
 by me, and heretofore described in book "B."  
 I set off  $18^{\circ}36\frac{1}{2}'$  N. on the decl. arc, and  $32^{\circ}30\frac{1}{2}'$  N. on  
 the lat. arc, and determine a meridian with the solar.  
 Thence I run,  
 N.  $0^{\circ}7'$  W., bet. secs. 31 & 32.  
 Over mts. land, through dense brush.  
 Asc. steep SW. slope.  
 20.00 Desc. steep NW. slope. peak 15 chs. to E.  
 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, 1913  
 in S. rim;  $\frac{1}{4}$  S 31 in W., and No bearings available.  
 S 32 in E. half; Pits impracticable.  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 Thence along broken E. slope.  
 74.00 Desc. steep, brushy N. slope.  
 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 10 S R 13 E, in N. half, 1913 in S. rim;  
 S 30 in NW.,  
 S 29 in NE.,  
 S 32 in SE., and Pits imprac.  
 S 31 in SW. quad.; no bearings available,  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 Land, broken, mts., rough.  
 Soil, 3rd rate, stony, gravelly, dry.  
 Scrub oak, cacti, buck brush, fair grass.

40.00 East, on a random line, bet. secs. 29 & 32.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.10 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 broken, mts. land, asc. grad.  
 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, 1913  
 in S. rim;  $\frac{1}{4}$  S 29 in N., and No bearings available.  
 S 32 in S. half; Pits imprac.  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 62.00 Wash, 30 lks. wide, course ESE., asc. along ENE. slope.  
 80.10 To cor. of secs. 29, 30, 31 & 32.  
 Land, broken, mts. Soil, 3rd rate, gravelly, stony.  
 Scrub oak, cacti, fair grass.  
 At this cor., at noon, I set off  $18^{\circ}32\frac{1}{2}'$  N. on the decl.  
 arc, and observe the sun on the meridian.  
 The resulting lat. is  $32^{\circ}31'$  N.

40.00 West, on a random line bet. secs. 30 & 31.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.74 Intersect W. bdy. of Tp. 5 lks. N. of cor. of secs.  
 25, 30, 31 & 36, established by me, and described in  
 book C, whence I run,  
 N.  $89^{\circ}58'$  E., on a true line bet. secs. 30 & 31.  
 Over mts. land, desc. through dense brush.  
 10.00 Wash, 15 lks. wide, course WSW.  
 21.00 Same wash, course WNW.  
 32.50 Same wash, course WSW.  
 39.74 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, 1913  
 in S. rim;  $\frac{1}{4}$  S 30 in N., and No bearings available.  
 S 31 in S. half; Pits impracticable.  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 Asc. steep from cor., on W. slope of Tortillita Mts.  
 58.00 Top of divide, Tortillita Mts., brs. N. & S., desc. steep.  
 79.74 To cor. of secs. 29, 30, 31 & 32.  
 Land, mts.,  
 Soil, 3rd rate, stony, gravelly, dry.  
 Mesquite, catclaw, scrub oak, cacti, fair grass.

20

## Subdivision of T. 10 S., R. 13 E.

Chains.	N. 0° 7' W., bet. secs. 29 & 30. Over mts. land, along steep, broken E. slope of Mts., desc. grad.
.60	Gulch, 30 lks. wide, course E.,
5.90	Gulch, 30 lks. wide, course ENE., asc.
26.50	Spur, 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, 1913 in S. rim; $\frac{1}{4}$ S 30 in W., and S 29 in E. half; No bearings available, pits impracticable, raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
51.50	Gulch, 30 lks. wide, course NE.
70.00	Gulch, 30 lks. wide, course NE., asc. steep. SE. slope.
78.00	Low pass of ridge, brs. NNE. & SSW., desc. grad.
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 10 S R 13 E, in N. half, 1913 in S. rim; S 19 in NW., S 20 in NE., S 29 in SE., and S 30 in SW. quad.; No bearings available. Pits impracticable. raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
	Land, broken, mts. Soil, 3rd rate, stony, gravelly, dry. Scrub oak, cacti, fair grass. July 30, 1913. J. B. W.
	J. B. W. July 31, 1913. At 8h a.m., l.m.t., at the cor. of secs. 19, 20, 29 & 30, above described, I set off 18° 20 $\frac{1}{2}$ ' N. on the decl. arc, and 32° 32' N. on the lat. arc, and determine a meridian with the solar. Thence I run, S. 89° 58' E., on a random line bet. secs. 20 & 29.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.14	Intersect N. & S. line 5 lks. S. of cor. of secs. 20, 21, 28 & 29, hereinbefore described, whence I run, West, on a true line bet. secs. 20 & 29. Over rolling, broken land, asc. grad., through scattering brush.
6.00	Asc. steep.
28.80	Spur, brs. S. & N., desc.
37.00	Gulch, 30 lks. wide, course S., asc.
40.07	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, 1913 in S. rim; $\frac{1}{4}$ S 20 in N., and S 29 in S. half; No bearings available. Pits impracticable. raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
58.00	High spur from NW. to SE., thence along SSW. slope.
68.00	Asc. SSE. slope.
79.00	Low divide, brs. NNE. & SSW.
80.14	To cor. of secs. 19, 20, 29 & 30. Land, broken, mts. Soil, 3rd rate, stony, dry. Mesquite, catclaw, scrub oak, cacti, fair grass.
	S. 89° 58' W., on a random line, bet. secs. 19 & 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.60	Intersect W. bdy. of Tp. 5 lks. S. of cor. of secs. 19, 24, 25 & 30, established by me, and described in book C, whence I run, East, on a true line, bet. secs. 19 & 30. Over broken, mts. land, asc. grad.
10.00	Wash, 100 lks. wide, course WSW., asc.
39.60	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, 1913 in S. rim; $\frac{1}{4}$ 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.
43.00	Top of divide, brs. N. & S., desc. (No bearings available.)
60.00	Wash, 60 lks. wide, course N., asc. (Pits impracticable.)
79.60	To cor. of secs. 19, 20, 29 & 30. Land, broken, mts. Soil, 3rd rate, stony, gravelly, dry. Mesquite, catclaw, scrub oak, cacti, good grass.

Chains.

N. 0° 7' W., bet. secs. 19 & 20.  
 Over mts. land, asc. steep.  
 8.00 Top of peak, on high spur, brs. W. & E., from E., desc. steep N. slope, through dense scrub oak.  
 31.00 Wagon trail, brs. E. & W., crosses divide to ENE.  
 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, 1913 in S. rim;  $\frac{1}{4}$  S 19 in W., and S 20 in E. half; No bearings available. Pits impracticable.  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 At this cor., at noon, I set off 18° 18' N. on the decl. arc, and observe the sun on the meridian.  
 The resulting lat. is 32° 33' N.  
 Thence along broken W. slope of Mts.  
 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 10 S R 13 E, in N. half, 1913 in S. rim; S 18 in NW., S 17 in NE., S 20 in SE., and S 19 in SW. quad.; No bearings available. Pits impracticable.  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 Land, broken, mts.  
 Soil, 3rd rate, stony.  
 Mesquite, scrub oak, cacti, fair grass.

East, on a random line, bet. secs. 17 & 20.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.12 Intersect N. & S. line 5 lks. S. of cor. of secs. 16, 17, 20 & 21, as hereinbefore described. whence I run, S. 89° 58' W., on a true line bet. secs. 17 & 20.  
 Over broken, heavily rolling land, asc. grad.  
 37.15 Dim road, brs. N. & S.  
 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, 1913 in S. rim;  $\frac{1}{4}$  S 17 in N., and S 20 in S. half; No bearings available. Pits impracticable.  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 44.80 Asc. steep.  
 59.70 Ridge, brs. N. & S., desc.  
 64.00 Gulch, 50 lks. wide, course NW., asc.  
 78.00 Spur, brs. NW. & SE., desc.  
 80.12 To cor. of secs. 17, 18, 19 & 20.  
 Land, broken, rolling, mts.  
 Soil, 3rd rate, stony, gravelly, dry.  
 Mesquite, catclaw, cacti, scrub oak, fair grass.  
 July 31, 1913.

J. B. W.

Aug. 1, 1913. J. B. W.  
 At 8h a.m., l.m.t., at the cor. of secs. 17, 18, 19 & 20, I set off 18° 05 $\frac{1}{2}$ ' N. on the decl. arc, and 32° 33' N. on the lat. arc, and determine a meridian with the solar.

Thence I run,  
 West, on a random line bet. secs. 18 & 19.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.50 Intersect W. bdy. of Tp. 5 lks. S. of cor. of secs. 13, 18, 19 & 24, established by me, and described in book, "C," whence I run S. 89° 58' E., on a true line bet. secs. 18 & 19.  
 Over mts. broken land, asc. grad. SSW. slope.  
 39.50 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, 1913  $\frac{1}{4}$  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.  
 43.50 Ridge, brs. NW. & SE., desc.  
 64.55 Gulch, 20 lks. wide, course NW., asc. No bearings available  
 70.00 Asc. steep W. slope. Pits impracticable  
 79.50 To cor. of secs. 17, 18, 19 & 20.  
 Land, mts., broken.  
 Soil, 3rd rate, gravelly, dry, stony.  
 Mesquite, cacti, scrub oak, sparse grass.

Chains.	N. 0° 7' W., bet. secs. 17 & 18. Over mts. land, along steep W. slope.
17.00	Gulch, 30 lks. wide, course NW., asc. along WSW. slope.
37.10	Top of divide, brs. NNW. & SSE., desc. grad.
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, 1913 in S. rim; $\frac{1}{4}$ S 18 in W., and S 17 in E. half; No bearings available. Pits impracticable.
60.00	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
80.00	Desc. steep NE. slope. 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 10 S R 13 E, in N. half, 1913 in S. rim; S 7 in NW., S 8 in NE., S 17 in SE., and S 18 in SW. quad.; No bearings available. Pits impracticable.
	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, mts., broken. Soil, 3rd rate, stony, dry. Scrub oak, cacti, fair grass. At this cor. at noon, I set off 18° 03' N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 32° 34' N.
40.00	N. 89° 58' E., on a random line, bet. secs. 8 & 17. Set temp. $\frac{1}{4}$ sec. cor.
80.08	Intersect N. & S. line 5 lks. N. of cor. of secs. 8, 9, 16 & 17, as hereinbefore described, whence I run, west, on a true line bet. secs. 8 & 17. Over broken stony land, asc.
33.00	Asc. steep E. slope.
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, 1913 in S. rim; $\frac{1}{4}$ S 8 in N., and S 17 in S. half; No bearings available. Pits impracticable.
40.20	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
49.00	Ridge, brs. SE. & NW., desc. steep. Desc. grad.
68.80	Wash, 10 lks. wide, course SW.
70.00	Wash, 20 lks. wide, course NW.
71.00	Dim road, brs. NW. & SE.
80.08	To cor. of secs. 7, 8, 17 & 18. Land, broken, mts. Soil, 3rd rate, stony, dry. Scrub oak, cacti, sparse grass.
40.00	N. 89° 58' W., on a random line bet. secs. 7 & 18. Set temp. $\frac{1}{4}$ sec. cor.
79.30	Intersect W. bdy. of Tp. 7 lks. N. of cor. of secs. 7, 12, 13 & 18, as established by me, and described in book "C," whence I run, N. 89° 59' E., on a true line bet. secs. 7 & 18. Over broken mts. land, through dense brush.
10.00	Gulch, 20 lks. wide, course NE.
29.00	Gulch, 50 lks. wide, course NW.
39.30	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, 1913 in S. rim; $\frac{1}{4}$ S 7 in N., and S 18 in S. half; No bearings available. Pits impracticable.
40.20	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
44.40	Wash, 40 lks. wide, course NW. Same wash, course SW., asc. steep.
66.50	Ridge, brs. N. & S., main divide., desc. steep.
75.50	Foot of main slope, brs. N. & S., desc. grad.
79.30	To cor. of secs. 7, 8, 17 & 18. Land, broken, mts. Soil, 3rd rate, stony, gravelly, dry. Mesquite, catclaw, cacti, scrub oak, fair grass. Aug. 1, 1913.



Subdivision of T. 10 S., R. 13 E.

Chains.	<p>J.B.W.  Aug. 2, 1913.  At 7h a.m., l.m.t., at the cor. of secs. 7, 8, 17 &amp; 18,  as hereinbefore described,  I set off 17°51½' N. on the decl. arc, and 32°34' N. on  the lat. arc, and determine a meridian with the solar.  Thence I run,  N. 0° 7' W., bet. secs. 7 &amp; 8.  Over broken, stony land, in valley of wide canyon.  8.15 Dim road, brs. NW. &amp; SE.  17.00 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 ¼ sec. cor., marked on brass cap, 1913  in S. rim; ¼ S 7 in W., and No bearings available.  S 8 in E. half; Pits impracticable.  raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.  65.00 Gulch, 50 lks. deep, 20 lks. wide, course W., asc.  71.00 Spur, brs. W. &amp; E., desc.  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 &amp; 8, marked on  brass cap, T 10 S R 13 E, in N. half, 1913 in S. rim;  S 6 in NW.,  S 5 in NE.,  S 8 in SE., and No bearings available.  S 7 in SW. quad.; Pits impracticable.  raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.  Land, mts., broken, rolling.  Soil, 3rd rate, stony, dry, gravelly.  Mesquite, catclaw, scrub oak, cacti, sparse grass.</p>
40.00	East, on a random line bet. secs. 5 & 8. Set temp. ¼ sec. cor.
79.94	Intersect N. & S. line 5 lks. S. of cor. of secs. 4, 5, 8 & 9, hereinbefore described, whence I run, S. 89°58' W., on a true line bet. secs. 5 & 8.
39.97	Over mts., broken land, asc. Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap, 1913 in S. rim; ¼ S 5 in N., and No bearings available. S 8 in S. half; Pits impracticable.
42.00	raise a mound of stone 2 ft. base, 1½ ft. high N. of cor. Wash, 20 lks. wide, 10 ft. deep, course NNW.
60.00	Asc. along S. slope of ridge. Top of rise, S. side of ridge, desc. steep SW. slope.
75.00	Wash, 20 lks. wide, course NW.
79.94	To cor. of secs. 5, 6, 7 & 8. Land, mts., broken. Soil, 3rd rate, stony, gravelly, dry. Mesquite, catclaw, cacti, scrub oak, fair grass.
	Aug. 2, 1913. J. B. W.
	Aug. 2, 1913. W. H. E.
	At 9h a.m., l.m.t., at the cor. of secs. 5, 6, 7 & 8, as established by J. B. Wright and hereinbefore described, I set off 17°49½' N. on the decl. arc, and 32°34½' N. on the lat. arc, and determine a meridian with the solar.
	Thence I run, S. 89°59' W., on a random line bet. secs. 6 & 7.
40.00	Set temp. ¼ sec. cor.
79.15	Intersect W. bdy. of Tp. 7 lks. S. of cor. of secs. 1, 6, 7 & 12, as established by J. B. Wright and described in book "C", whence I run, S. 89°58' E., on a true line bet. secs. 6 & 7.
	Over mts. land, asc.
5.00	Top of hill, brs. NW. & ESE. desc. along N. side.
32.50	Desc. steep.
39.15	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap, 1913 in S. rim; ¼ S 6 in N., and No bearings available. S 7 in S. half; Pits impracticable.
	raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.
53.00	Wash, 25 lks. wide, course NNW.
69.00	Main wash, 80 lks. wide, course NNW., old road in same.

## Chains.

- 79.15 To cor. of secs. 5, 6, 7 & 8.  
Land, broken, mts.  
Soil, 3rd rate, stony, gravelly, dry.  
Scrub oak, cacti, mesquite, catclaw, sparse grass.
- 
- 40.00 N. 0° 3' W., on a random line bet. secs. 5 & 6.  
Set temp.  $\frac{1}{4}$  sec. cor.
- 80.14 Intersect N. bdy. of Tp. 7 lks. N. 89° 59' E. of cor. of  
secs. 5, 6, 31 & 32, established by J. B. Wright,  
and described in book "C," whence I run,  
S. 0° 6' E., on a true line bet. secs. 5 & 6.  
Over broken, stony land, through dense brush.
- 4.00 Wash, 50 lks. wide, course WNW., asc. grad.
- 30.00 Asc. steep.
- 40.14 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, 1913 in  
S. rim;  $\frac{1}{4}$  S 6 in W., and No bearings available.  
S 5 in E. half; Pits impracticable.  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 51.00 Spur, brs. NW. & SE., from SE., desc. steep.
- 78.00 Gulch, 20 lks wide, course WNW.
- 80.14 To cor. of secs. 5, 6, 7 & 8.  
Land, rolling, broken, mts.  
Soil, 3rd rate, gravelly, stony, dry, loose.  
Mesquite, catclaw, cacti, sage brush, sparse grass.

W.H.E.

## General Description.

T. 10 S., R. 13 E. is broken and rolling in the eastern and mountainous and rough in the western portions. There is some good agricultural land in the small valleys of the larger draws in the eastern part, but the greater part of the Tp. is suitable only for grazing purposes.

There is no living water in the Tp. Few indications of mining or mineral formations were noted. The rock formation is mostly granite, with outcroppings of schistose and quartz in places.

There is no timber in the Tp.

The following settlements were noted:

"B & B" ranch in NW.  $\frac{1}{4}$  of sec. 10, belongs to Bayless & Berkalew, Tucson, Ariz., consists of two small houses, corral, well, pump, etc.

Ranch house in SE.  $\frac{1}{4}$  of sec. 17, owner unknown, consists of small house, concrete dam and reservoir, corral, well, etc.

Abandoned ranch house in sec. 32.

Old mining house in NW.  $\frac{1}{4}$  of sec. 6, unoccupied, several shafts adjoining.

*Jesse B. Wright*  
\_\_\_\_\_  
*William A. Ellis*  
\_\_\_\_\_

August 2, 1913.

U. S. Surveyors.

BOOK 2741

For

FINAL OATHS OF UNITED STATES SURVEYORS.

See Book "D."

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, Arizona, DECEMBER 30, 1914.

The foregoing field notes of the survey of the \_\_\_\_\_  
 Subdivision lines of Township 10 South, Range 13 East, of the \_\_\_\_\_  
 Gila and Salt River Base and Meridian, Arizona, \_\_\_\_\_

executed by Jesse B. Wright, and William H. Elliott, U.S. Surveyors, \_\_\_\_\_  
 under ~~his~~ special instructions dated May 28, 1913, \_\_\_\_\_, 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*  
 Surveyor General.  
 of Arizona.

~~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.~~