



BOOK 2746

INDEX DIAGRAM.

Township 7 S., Range 15 E.

6	26	5	20	4	15	3	10	2	5	1
26		25		20		15		10		5
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25		24		19		14		9		4
18	24	17	19	16	14	15	9	14	4	13
24		23		18		13		8		3
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30	22	29	17	28	12	27	7	26	2	25
22		21		16		11		6		1
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- Book.A
- Book.C
- Unsurveyed

JK 2746
1b

Group No. 30
subdivision of T. 7 S., R. 15 E.

Chains.

Survey commenced Sept. 3, 1913, and executed jointly by Jesse B. Wright and William H. Elliott, U.S. Surveyors, Wright using inst. No. 8145, and Elliott using inst. No. 8492, made by Young & Son's, with Smith patent solar attachments, minute description and field test of these instruments heretofore given in books D and E. Knowing from recent and repeated tests made on a true meridian established by observation of Polaris that the instruments are in correct adjustment, we proceed as follows : -
(Initials J. B. W. and W. H. E. designate lines as run by Wright and Elliott, respectively.)

J. B. W.

At 7h a.m., l.m.t., at the cor. of secs. 1, 2, 35 & 36, on the S. bdy. of the Tp. as recently established by me, and heretofore described in book "C", I set off 7° 40½' N. on the decl. arc, and 32° 46' N. on the lat. arc, and determine a meridian with the solar. Thence I run,

N. 0° 1' W., bet. secs. 35 & 36.

Over broken mts. land, through scattering catclaw, mesquite, sage brush, thick cacti, fair native grass.

0.80
6.40
21.00
40.00

53.00
62.50
78.00
80.00

Wash, 40 lks. wide, course WNW.
Wash, 80 lks. wide, course WNW.
Wash, 40 lks. wide, course W.
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 35 in W., and S 36 in E. half;
No bearings available, pits impracticable.
Raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.
Wash, 50 lks. wide, course NW.
Ravine, 30 lks. wide, course WNW.
Ravine, 40 lks. wide, course W., asc. grad.
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 7 S R 15 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.;
No bearings available, pits impracticable.
Raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.
Land, broken, mts., heavily rolling.
Soil, 3rd rate, gravelly, sandy, loose, dry.
Mesquite, catclaw, sage brush, cacti, good grass.

S. 89° 59' E., bet. secs. 25 & 36.

Over broken mts. land, asc. grad.

7.10
15.00
26.00
38.50
40.00

42.00
78.88

Spur, brs. NNW. & SSE., desc.
Ravine, 50 lks. wide, course NNW., asc.
Ridge, brs. NNW. & SSE., desc. steep.
Wash, 50 lks. wide, course N.
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 25 in N., and S 36 in S. half; pits imprac. available. (No bearings available.)
raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.
Wash, 50 lks. wide, course NNW., dim road in same, asc. grad. along broken N. slope.
Intersect W. bdy. of T. 7 S., R. 16 E., whence cor. of secs. 30 & 31 brs. S. 0° 48' E., 63 lks. dist., heretofore re-established by me and described in book A.
Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 25 & 36, marked on brass cap, C C, E. of centre, 1913 in S.rim; T 7 S in N., and S 30, S 31, R 16 E, in E. half, S 36, R 15 E, in SW., and Pits imprac. S 25 in NW. quad.; No bearings available.
raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.
Land, broken, mts. Soil, 3rd rate, gravelly, stony, dry.
Scattering mesquite, catclaw, cacti, sage brush, fair grass.

Chains.

	N. $0^{\circ} 1'$ W., bet. secs. 25 & 26. Over mts., broken land, asc. SW. slope.
25.00	Ridge, brs. NW. & SE., desc.
35.00	Gulch, 80 lks. wide, course NW., 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 26 in W., and No bearings available. S 25 in E. half; Pits impracticable. raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
53.00	Ridge, brs. NW. & SE., desc.
65.00	Wash, 20 lks. wide, course NE., near head, asc.
80.00	Top NE. point of spur, brs. NE. & SSW. 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 7 S R 15 E, in N. half, 1913 in S. rim; S 23 in NW., S 24 in NE., S 25 in SE., and S 26 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, gravelly, dry. Mesquite, catclaw, cacti, sparse grass. At this cor., at noon, I set off $7^{\circ} 35'$ N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $32^{\circ} 48\frac{1}{2}'$ N.
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	S. $89^{\circ} 59'$ E., bet. secs. 24 & 25. Over broken, mts. land, desc.
6.00	Wash, 150 lks. wide, course NNW., dim road in same, asc.
27.00	Ridge, brs. NW. & SE., desc.
32.00	Wash, 2 chs. wide, course NW., asc.
35.00	Spur, brs. N. & S., desc.
39.00	Gulch, 80 lks. wide, course NNW., 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 24 in N., and No bearings available. S 25 in S. half; Pits impracticable. raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
55.00	Ridge, brs. N. & S., desc.
65.00	Wash, 50 lks. wide, course NNW., asc. steep.
73.00	Top of high rocky ridge, brs. NNW. & SSE., desc. steep.
77.80	Intersect W. bdy. of T. 7 S., R. 16 E., whence cor. of secs. 19 & 30 brs. S. $0^{\circ} 48'$ E. 1.16 chs. dist., recently re-established by me, and described in book A. Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 24 & 25, marked on brass cap, C C, E. of centre, 1913 in S. rim; T 7 S in N., and No bearings available. Pits S 19, S 30, R 16 E, in E. half, imprac. S 24 in NW., and S 25, R 15 E, in SW. quad.;
	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, dry. Mesquite, catclaw, paloverde, sage brush, cacti, sparse grass.

Chains.	N. 0° 1' W., bet. secs. 23 & 24. Over broken mts. land, desc.
5.00	Enter Camp Grant Wash, course ENE. Road in same.
12.00	Leave wash, asc.
20.00	Spur, brs. SE. & NW., desc.
29.00	Gulch, 90 lks. wide, course SE., asc.
38.75	Ridge, brs. SE. & NW., 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 23 in W., and No bearings available. S 24 in E. half; Pits impracticable. raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
48.00	Wash, 1 ch. wide, course SE., asc.
59.20	Ridge, brs. E. & W., desc.
70.00	Wash, 30 lks. wide, course ESE.
79.60	Wash, 20 lks. wide, course SE., asc.
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 7 S R 15 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.; raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor. No bearings available, pits impracticable. Land, broken, mts. Soil, 3rd rate, stony, gravelly, dry. Mesquite, catclaw, paloverde, cacti, sparse grass.
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	S. 89°59' E., bet. secs. 13 & 24. Over mts., broken land, asc.
18.00	Ridge, brs. SE. & NW., 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 13 in N., and Pits imprac. No bearings available. S 24 in S. half;
	raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
42.50	Gulch, 30 lks. wide, course ESE.
47.00	Gulch, 40 lks. wide, course ESE.
52.00	Gulch, 50 lks. wide, course ESE., asc.
56.00	Ridge, brs. SE. & NW., desc.
71.00	Enter Camp Grant Wash, course NNE. Road in same.
74.50	Leave wash.
76.68	Intersect W. bdy. of T. 7 S., R. 16 E., whence cor. of secs. 18 & 19 brs. S. 0° 48' E. 1.69 chs. dist., recently re-established by me, and described in book A. Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 13 & 24, marked on brass cap, C C, E. of centre, 1913 in S.rim; T 7 S in N., and S 18, S 19, R 16 E, in E. half, S 13 in NW., and No bearings available. S 24, R 15 E, in SW. quad.; Pits imprac. 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, sandy. Mesquite, catclaw, paloverde, cacti, sparse grass. Sept. 3, 1913.

J.E.W.

Chains.	J.B.W. Sept. 4, 1913. At 8h a.m., l.m.t., at the cor. of secs. 13, 14, 23 & 24, hereinbefore described, I set off 7°17' N. on the decl. arc, and 32°48½' N. on the lat. arc, and determine a meridian with the solar. Thence I run, N. 0° 1' W., bet. secs. 13 & 14. Over mts. land, asc. steep SW. slope, through dense brush.
22.30	Ridge, brs. SE. & NW., desc.
34.00	Wash, 30 lks. wide, course SE., asc.
40.00	Top of ridge, brs. E. & W. Set an iron post 3 ft. long, 1 in. in diam. 10 ins. in the ground, on bed-rock, in mound of stone for ¼ sec. cor., marked on brass cap, 1913 in S. rim; ¼ S 14 in W., and No bearings available. S 13 in E. half; Pits impracticable. raise a mound of stone 2 ft. base, 1½ ft. high W. of cor. Desc. from cor.
51.00	Enter Putnam Wash, course E.
62.00	Dim road, brs. E. & W.
73.00	Leave wash, asc. grad.
78.00	Wash, 50 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. 11, 12, 13 & 14, marked on brass cap, T 7 S R 15 E, in N. half, 1913 in S. rim; S 11 in NW., S 12 in NE., S 13 in SE., and No bearings available. S 14 in SW. quad.; Pits imprac. raise a mound of stone 2 ft. base, 1½ ft. high W. of cor. Land, broken, mts. Soil, 3rd rate, stony, gravelly, dry. Mesquite, catclaw, paloverde, cacti, sparse grass.
	S. 89°59' E., bet. secs. 12 & 13. Over broken, mts. land, asc. broken SW. slope.
28.20	Spur, brs. SSE. & NNW., desc.
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 12 in N., and No bearings available. S 13 in S. half; Pits impracticable. raise a mound of stone 2 ft. base; 1½ ft. high N. of cor.
56.00	Canyon, 150 lks. wide, 200 ft. deep, course SSE.
62.50	Stony gulch, 80 lks. wide, course SSE., asc.
75.54	Intersect W. bdy. of T. 7 S., R. 16 E., whence cor. of secs. 7 & 18 brs. S. 0°48' E. 2.33 chs. dist., re-established by me, and described in book "A". Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 12 & 13, marked on brass cap, C C, E. of centre, 1913 in S. rim; T 7 S in N., and S 7, S 18, R 16 E, in E. half, S 12 in NW., and S 13, R 15 E, in SW. quad.; raise a mound of stone 2 ft. base, 1½ ft. high W. of cor. No bearings available, pits impracticable. Land, broken, mts. Soil, 3rd rate, stony, dry, shaly. Mesquite, catclaw, paloverde, cacti, sparse grass.
	N. 0° 1' W., bet. secs. 11 & 12. Over mts., broken land, asc. grad., through dense brush.
9.00	Leave valley of Putnam Wash, asc. broken SW. slope.
19.00	Sharp ridge, brs. SE. & NW., desc.
27.00	Gulch, 30 lks. wide, course SE., asc.
40.00	Top of flat ridge, brs. SE. & NW. 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 11 in W., and S 12 in E. half; from which,

Chains.

A paloverde tree 10 ins. diam. brs. N. 59° E. 37 lks. dist., marked $\frac{1}{4}$ S 12 B T.
 A paloverde tree 10 ins. diam. brs. S. 31° W. 12 lks. dist., marked $\frac{1}{4}$ S 11 B T.
 At this cor. at noon, I set off 7° 13' $\frac{1}{4}$ on the decl. arc, and observe the sun on the meridian.
 The resulting lat. is 32° 50' N.

47.00 Begin descent.
 76.00 Canyon, 80 lks. wide, 200 ft. deep, course SE., asc.
 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 7 S R 15 E, in N. half, 1913 in S-rim;
 S 2 in NW.,
 S 1 in NE., No bearings available.
 S 12 in SE., and Pits impracticable.
 S 11 in SW. quad.;
 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. Mesquite, catclaw, paloverde, cacti, sparse grass.

S. 89° 59' E. bet. secs. 1 & 12.
 Over broken, mts. land, desc.
 7.00 Gulch, 30 lks. wide, course SE.
 24.00 Gulch, 40 lks. wide, course SSE., asc.
 29.00 Ridge, brs. SSE. & NNW., desc.
 38.00 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 1 in N., and No bearings available.
 S 12 in S. half; Pits impracticable.
 raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
 52.00 Gulch, 30 lks. wide, course SSE., asc.
 59.80 Ridge, brs. SE. & NW., desc. steep.
 74.40 Intersect W. bdy. of T. 7 S., R. 16 E., whence cor. of secs. 6 & 7 brs. S. 0° 12' E. 3.02 chs. dist., as re-established by me, and described in book A.
 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 1 & 12, marked on brass cap, C C, E. of centre, 1913 in S-rim;
 T 7 S in N., and
 S 6, S 7, R 16 E, in E. half,
 S 1 in NW., and
 S 12, R 15 E, in SW. quad.;
 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. Cacti, paloverde, mesquite, catclaw, sparse grass.

N. 0° 1' W., on a random line bet. secs. 1 & 2.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.07 Intersect N. bdy. of Tp. 5 lks. E. of cor. of secs. 1, 2, 35 & 36, recently established by W. H. Elliott, and described in book C, whence I run, S. 0° 3' E., on a true line bet. secs. 1 & 2.
 Over broken, heavily rolling land, desc., through dense cacti.
 7.00 Drain, 10 lks. wide, near head, course NW., asc.
 16.00 Ridge, brs. E. & W., desc.
 23.00 Wash, 15 lks. wide, course E.
 30.00 Ridge, brs. ESE. & WNW., desc.
 36.00 Wash, 20 lks. wide, course SE., 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 2 in W., and No bearings available.
 S 1 in E. half; Pits impracticable.
 raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
 43.00 Ridge, brs. ESE. & WNW., desc.
 47.00 Wash, 15 lks. wide, course SE., asc.
 49.00 Ridge, brs. SE. & NW., desc. grad.
 80.07 To cor. of secs. 1, 2, 11 & 12.
 Land, broken, heavily rolling. Soil, 3rd rate, gravelly. Paloverde, mesquite, catclaw, cacti. Sept. 4, 1913. J.B.W.

Chains.

	Sept. 4, 1913. W. H.E. At 7h a.m., l.m.t., at the cor. of secs. 2, 3, 34 & 35, on the S. bdy. of the Tp., as recently established by J. B. Wright, and described in book "C", I set off 7°18' N. on the decl. arc, and 32°46' N. on the lat. arc, and determine a meridian with the solar. Thence I run, N. 0° 1' W., bet. secs. 34 & 35. Over rolling land, in valley of Camp Grant Wash, through dense brush.
12.80	Road, Tucson to Winkelman, brs. NNE. & SSW.
15.00	Enter Camp Grant Wash, course NNE.
40.00	Point for $\frac{1}{4}$ sec. cor. falls in wash.
47.00	Leave wash.
47.30	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 $\frac{1}{4}$ S. of centre, 1913 in S. rim; S 35 in NE., and S 34 in NW. quad.; from which, A mesquite tree 8 ins. diam. brs. N. 65° W. 39 lks. dist., marked $\frac{1}{4}$ S 34 W C B T. A mesquite tree 6 ins. diam. brs. N. 40 $\frac{3}{4}$ ° E. 93 lks. dist., marked $\frac{1}{4}$ S 35 W C B T.
57.00	Enter wash, course E.
71.00	Leave wash, asc. grad.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 26, 27, 34 & 35, marked on brass cap, T 7 S R 15 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 catclaw tree 6 ins. diam. brs. N. 31 $\frac{1}{2}$ ° E. 47 lks. dist., marked T 7 S R 15 E S 26 B T. A catclaw tree 5 ins. diam. brs. S. 34° E. 69 lks. dist., marked T 7 S R 15 E S 35 B T. A catclaw tree 7 ins. diam. brs. S. 80° W. 73 lks. dist., marked T 7 S R 15 E S 34 B T. A mesquite tree 10 ins. diam. brs. N. 28° W. 106 lks. dist., marked T 7 S R 15 E S 27 B T. Land, rolling. Soil, 2nd & 3rd rate, sandy, gravelly. Mesquite, catclaw, cacti, sparse grass.
40.00	S. 89°59' E., on a random line bet. secs. 26 & 35. Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. & S. line 2 $\frac{1}{4}$ lks. N. of cor. of secs. 25, 26, 35 & 36, hereinbefore described, whence I run, N. 89°58' W., on a true line bet. secs. 26 & 35. Over broken, heavily rolling land, desc., through dense brush.
10.00	Wash, 80 lks. wide, course NNE., asc.
14.00	Spur, brs. NNW. & SSE., desc.
26.00	Wash, 20 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, 1913 in S. rim; $\frac{1}{4}$ S 26 in N., and No bearings available. S 35 in S. half; Pits impracticable. raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
58.00	Enter valley of Camp Grant Wash, brs. NE. & SW.
61.10	Road, Tucson to Winkelman, brs. NNE. & SSW.
66.50	Enter Camp Grant Wash, course NNE.
76.00	Leave wash.
80.00	To cor. of secs. 26, 27, 34 & 35. Land, heavily rolling. Soil, 3rd rate, sandy, gravelly, dry. Mesquite, catclaw, cacti, sparse grass.

Chains.	
	N. 0° 1' W., bet. secs. 26 & 27. Over rolling, broken land, through dense brush.
0.75	Wash, 50 lks. wide, course NE.
7.00	Wash, 20 lks. wide, course E.
10.15	Wash, 15 lks. wide, course E.
21.00	Wash, 50 lks. wide, course E.
25.00	Leave draw, asc. SE. slope.
31.00	Spur, brs. E. & W., desc.
33.40	Wash, 30 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 27 in W., and Pits imprac. No bearings available. S 26 in E. half; raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
46.00	Desc.
66.00	Enter draw, course E.
76.00	Wash, 40 lks. wide, course E.
77.20	Dim road, brs. ESE. & WNW., asc. grad.
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 7 S R 15 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.; from which, A mesquite tree 10 ins. diam. brs. N. 14 $\frac{1}{2}$ ° E. 309 lks. dist., marked T 7 S R 15 E S 23 B T. A mesquite tree 6 ins. diam. brs. S. 30° E. 56 lks. dist., marked T 7 S R 15 E S 26 B T. A mesquite tree 12 ins. diam. brs. S. 22° W. 132 lks. dist., marked T 7 S R 15 E S 27 B T. A mesquite tree 8 ins. diam. brs. N. 54 $\frac{1}{2}$ ° W. 116 lks. dist., marked T 7 S R 15 E S 22 B T. Land, broken. Soil, 3rd rate, stony, gravelly, sandy, dry. Mesquite, catclaw, cacti, paloverde, sparse grass. At this cor., at noon, I set off 7° 13' N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 32° 48' N.
	S. 89° 58' E. on a random line bet. secs. 23 & 26.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. & S. line 5 lks. S. of cor. of secs. 23, 24, 25 & 26, hereinbefore described, whence I run, West, on a true line bet. secs. 23 & 26. Over broken land, asc.
5.00	Spur, brs. N. & S., desc.
15.00	Enter Camp Grant Wash, course NE.
16.50	Road, Winkelman to Tucson, in wash, brs. ENE. & WSW.
22.00	Leave wash, asc. grad.
28.00	Wash, 80 lks. wide, course ESE.
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 23 in N., and No bearings available. S 26 in S. half; Pits impracticable. raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
50.00	Ridge, brs. ESE. & WNW., near SE. end, desc. SW. slope.
60.00	Sandstone bluff, 50 ft. high, brs. ESE. and WNW.; descend.
80.02	To cor. of secs. 22, 23, 26 and 27. Land, broken, rolling. Soil, 2nd and 3rd rate, gravelly, sandy, loose, dry. Mesquite, catclaw, palo verde, sparse grass.

Chains.	N. 0° 1' W., bet. secs. 22 & 23. Over broken, heavily rolling land, asc.
7.50	Sandstone bluff, 50 ft. high, brs. E. & W., asc. prec.
10.50	Ridge, brs. E. & W., desc.
29.50	Wash, 30 lks. wide, course E., asc.
37.00	Ridge, brs. E. & W., desc. steep.
39.25	Wash, 70 lks. wide, course E., enter draw, course 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 22 in W., and No bearings available. S 23 in N. half; Pits impracticable. raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
49.00	Leave draw, asc.
52.00	Small spur, brs. SE. & NW., desc.
55.50	Wash, 30 lks. wide, course SE., asc.
70.00	Ridge, brs. E. & W., desc.
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 7 S R 15 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 mesquite tree 8 ins. diam. brs. N. 21° E. 99 lks. dist., marked T 7 S R 15 E S 14 B T. A mesquite tree 6 ins. diam. brs. S. 48 $\frac{1}{2}$ ° E. 85 lks. dist., marked T 7 S R 15 E S 23 B T. A mesquite tree 9 ins. diam. brs. S. 71° W. 121 lks. dist., marked T 7 S R 15 E S 22 B T. A mesquite tree 5 ins. diam. brs. N. 38° W. 76 lks. dist., marked T 7 S R 15 E S 15 B T. Land, broken, rolling. Soil, 3rd rate, stony, gravelly, dry. Mesquite, catclaw, paloverde, sparse grass.
40.00	East, on a random line bet. secs. 14 & 23 Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. & S. line 5 lks. S. of cor. of secs. 13, 14, 23 & 24, hereinbefore described, whence I run, S. 89° 58' W., on a true line bet. secs. 14 & 23. Over broken, rolling land, through dense brush, desc.
0.25	Wash, 50 lks. wide, course ESE., asc. steep.
20.00	Ridge, brs. SE. & NW., desc.
32.50	Gulch, 50 lks. wide, course SE., asc. steep.
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 14 in N., and No bearings available. S 23 in S. half; Pits impracticable. raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
42.00	Ridge, brs. N. & S., desc. steep.
77.00	Gulch, 20 lks. wide, course NNE., asc.
80.04	To cor. of secs. 14, 15, 22 & 23. Land, rolling, mts. Soil, 3rd rate, stony, gravelly, dry. Mesquite, catclaw, cacti, paloverde, sparse grass. Sept. 4, 1913.

W.H.E.

Subdivision of T. 7 S., R. 15 E.

Chains.

W.H.E.

Sept. 5, 1913.
At 8h a.m., l.m.t., at the cor. of secs. 14, 15, 22 & 23, hereinbefore described,
I set off 6°55' N. on the decl. arc, and 32°48½' N. on the lat. arc, and determine a meridian with the solar.

Thence I run,
N. 0° 1' W., bet. secs. 14 & 15.

- 14.00 Over broken, mts. land, desc.
- 20.00 Enter draw, course NE., valley of Putnam Wash.
- 23.00 Putnam Wash, 5 chs. wide, course ENE.
- 24.00 Old road, brs. ENE. & WSW.
- 40.00 Leave draw, 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 15 in W., and S 14 in E. half; from which,

A mesquite tree 6 ins.diam.brs. N.11°E. 100 lks. dist., marked ¼ S 14 B T.

No other trees available. Pits impracticable. raise a mound of stone 2 ft.base, ½ ft.high W.of cor.

- 41.00 Spur, brs. E. & W., desc.
- 50.00 Wash, 40 lks. wide, course ENE.
- 78.00 Wash, 80 lks. wide, course E.

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 7 S R 15 E, in N. half, 1913 in S.rim;

S 10 in NW.,
S 11 in NE.,
S 14 in SE., and
S 15 in SW. quad.; from which,

A paloverde tree 6 ins.diam.brs.N.59½°E. 112 lks. dist., marked T 7 S R 15 E S 11 B T.

A paloverde tree 4 ins.diam.brs.S.55½°E. 114 lks. dist., marked T 7 S R 15 E S 14 B T.

A paloverde tree 6 ins.diam.brs.S.58½°W. 17 lks. dist., marked T 7 S R 15 E S 15 B T.

A paloverde tree 8 ins.diam.brs.N.40½°W. 191 lks. dist., marked T 7 S R 15 E S 10 B T.

Land, broken, heavily rolling,
Soil, 3rd rate, gravelly, stony, dry.
Mesquite, paloverde, catclaw, sparse grass.

N. 89°58' E. on a random line bet. secs. 11 & 14.
Set temp. ¼ sec. cor.

- 40.00
- 80.08

Intersect N. & S. line 9 lks. S. of cor. of secs. 11, 12, 13 & 14, hereinbefore described, whence I run,
S. 89°54' W. on a true line bet. secs. 11 & 14.

- 14.00 Over broken, heavily rolling land, desc.
- 38.00 Wash, 4 chs. wide, course ESE.
- 40.04 Wash, 30 lks. wide, course SE.

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 11 in N., and No bearings available. S 14 in S. half; Pits impracticable.

raise a mound of stone 2 ft.base, 1½ ft.high N.of cor.

- 49.00 Wash, 2 chs. wide, course ESE.
- 80.08 To cor. of secs. 10, 11, 14 & 15.

Land, broken, heavily rolling.
Soil, 3rd rate, gravelly, dry.
Catclaw, greasewood, mesquite, paloverde, sparse grass.
At this cor., at noon, I set off 6°50½' N. on the decl. arc, and observe the sun on the meridian.
The resulting lat. is 32°49' N.

Chains.	N. 0° 1' W., bet. secs. 10 & 11. Over heavily rolling, broken land, through dense brush.
6.70	Wash, 80 lks. wide, course ESE.
32.00	Wash, 50 lks. wide, course SE., 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 10 in W., and S 11 in E. half; from which, A paloverde tree 12 ins. diam. brs. S. 12° E. 90 lks. dist., marked $\frac{1}{4}$ S 11 B T. A paloverde tree 6 ins. diam. brs. N. 14° W. 24 lks. dist., marked $\frac{1}{4}$ S 10 B T.
43.00	Ridge, brs. E. & W., desc.
50.00	Wash, 50 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. 2, 3, 10 & 11, marked on brass cap, T 7 S R 15 E, in N. half, 1913 in S. rim; S 3 in NW., S 2 in NE., S 11 in SE., and Pits impracticable. S 10 in SW. quad.; no bearings available. raise a mound of stone 2 ft. base, $\frac{1}{2}$ ft. high W. of cor. Land, broken, heavily rolling. Soil, 3rd rate, gravelly, Paloverde, mesquite, cacti, catclaw, sparse grass.
40.00	N. 89° 54' E. on a random line bet. secs. 2 & 11. Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. & S. line 5 lks. N. of cor. of secs. 1, 2, 11 & 12, hereinbefore described, whence I run, S. 89° 56' W., on a true line bet. secs. 2 & 11. Over rolling land, through dense brush, desc. grad.
12.00	Wash, 20 lks. wide, course SE.
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 2 in N., and S 11 in S. half; from which, A paloverde tree 8 ins. diam. brs. S. 71° E. 206 lks. dist., marked $\frac{1}{4}$ S 11 B T. A paloverde tree 6 ins. diam. brs. N. 41° W. 76 lks. dist., marked $\frac{1}{4}$ S 12 B T.
41.00	Wash, 30 lks. wide, course SE.
55.00	Wash, 30 lks. wide, course SE.
61.00	Wash, 20 lks. wide, course SE.
62.00	Same wash, course NE.
80.02	To cor. of secs. 2, 3, 10 & 11. Land, broken, heavily rolling. Soil, 3rd rate, gravelly, Catclaw, cacti, fair grass.
40.00	N. 0° 3' W. on a random line bet. secs. 2 & 3. Set temp. $\frac{1}{4}$ sec. cor.
80.14	Intersect N. bdy. of Tp. 5 lks. E. of cor. of secs 2, 3, 34 & 35, estab. by means described in book C, whence I run, S. 0° 5' E., on a true line bet. secs. 2 & 3. Over broken, heavily rolling land, through dense brush.
5.00	Wash, 20 lks. wide, course SE.
16.00	Wash, 20 lks. wide, course SE.
20.00	Wash, 10 lks. wide, course NE., asc.
35.00	Ridge, brs. E. & W., desc. grad.
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 3 in W., and S 2 in E. half; No bearings avail. Pits (imprac.) raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
55.00	Wash, 20 lks. wide, course ESE.
79.80	Wash, 70 lks. wide, course ENE.
80.14	To cor. of secs. 2, 3, 10 & 11. Land, broken, heavily rolling. Soil, 3rd rate, gravelly. Cacti, catclaw, paloverde, fair grass. Sept. 5, 1913. W. H. E.

Subdivision of T. 7 S., R. 15 E.

Chains.

Sept. 5, 1913. J.B.W.
 At 7h a.m., l.m.t., at the cor. of secs. 3, 4, 33 & 34,
 on the S. bdy. of the Tp., established by me, and
 heretofore described in book "C",
 I set off 6°56' N. on the decl. arc, and 32°46' N. on the
 lat. arc, and determine a meridian with the solar.
 Thence I run,
 N. 0° 2' W., bet. secs. 33 & 34.
 Over heavily rolling, broken land, through scattering
 brush.

12.00

Wash, 20 lks. wide, course E.

20.80

Wash, 40 lks. wide, course 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 33 in W., and No bearings available.
 S 34 in E. half; Pits impracticable.
 raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.

43.00

Draw, 4 chs. wide, course E.

65.00

Wash, 30 lks. wide, course E.

71.00

Wash, 20 lks. wide, course E.

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 7 S R 15 E, in N. half, 1913 in S. rim;
 S 28 in NW.,
 S 27 in NE.,
 S 34 in SE., and Pits impracticable.
 S 33 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, heavily rolling.
 Soil, 3rd rate, gravelly, dry.
 Cacti, greasewood, paloverde, scrub mesquite, catclaw.
 Low spur from W

55.55

S. 89°59' E., on a random line bet. secs. 27 & 34.

40.00

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

79.86

Intersect N. & S. line 5 lks. N. of cor. of
 secs. 26, 27, 34 & 35, hereinbefore described,
 whence I run,
 N. 89°57' W., on a true line bet. secs. 27 & 34.
 Over rolling land.

20.00

Enter draw, drains to ESE., thence in same.

39.93

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
 S 34 in S. half; from which,
 A catclaw tree 4 ins. diam. brs. N. 53° E. 27 lks. dist.,
 marked $\frac{1}{4}$ S 27 B T.
 A catclaw tree 6 ins. diam. brs. S. 57° W. 26 lks. dist.,
 marked $\frac{1}{4}$ S 34 B T.

79.86

To cor. of secs. 27, 28, 33 & 34.
Land, rolling.

Soil, 3rd rate, gravelly, dry.
Cacti, catclaw, paloverde, mesquite, fair grass.

12

Subdivision of T. 7 S., R. 15 E.

Chains.

	N. $0^{\circ} 2'$ W., bet. secs. 27 & 28. Over heavily rolling, broken land.
0.50	Wash, 30 lks. wide, course E.
5.00	Wash, 10 lks. wide, course ENE., asc.
13.00	Spur, brs. E. & W., desc.
16.00	Enter draw, drains to E.
21.00	Wash, 20 lks. wide, course E.
22.00	Leave draw, asc.
34.00	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, 1913 in S.rim; $\frac{1}{4}$ S 28 in W., and S 27 in E. half; from which, A mesquite tree 6 ins. diam. brs. S. $43\frac{1}{2}^{\circ}$ E. 155 lks. dist., marked $\frac{1}{4}$ S 27 B T. No other tree available. Pits impracticable. Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
46.50	Wash, 30 lks. wide, course E.
52.60	Wash, 30 lks. wide, course E.
65.00	Wash, 40 lks. wide, course E., asc.
72.00	Flat ridge, brs. E. & W., desc.
79.00	Enter draw, drains to E.
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 7 S R 15 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.; No bearings available. Pits impracticable. raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, broken, heavily rolling. Mesquite, catclaw, cacti, paloverde, fair grass.
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	S. $89^{\circ} 57'$ E. on a ran dom line bet. secs. 22 & 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.88	Intersect N. & S. line 5 lks. N. of cor. of secs. 22, 23, 26 & 27, hereinbefore described, whence I run, N. $89^{\circ} 55'$ W., on a true line bet. secs. 22 & 27. Over rolling, broken land, through dense brush.
5.85	Dim road, brs. ESE. & WNW.
12.00	Wash, 50 lks. wide, course ESE., thence along S. side of draw.
39.94	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 S 27 in S. half; from which, A mesquite tree 12 ins. diam. brs. N. 75° E. 156 lks. dist., marked $\frac{1}{4}$ S 22 B T. A mesquite tree 6 ins. diam. brs. S. $71\frac{1}{2}^{\circ}$ E. 38 lks. dist., marked $\frac{1}{4}$ S 27 B T.
57.00	Asc. NE. slope.
74.00	Desc. NNW. slope.
78.00	Enter draw again.
79.88	To cor. of secs. 21, 22, 27 & 28. Land, broken, rolling. Soil, 3rd rate, gravelly, dry. Mesquite, catclaw, paloverde, cacti, fair grass. At this cor., at noon, I set off $6^{\circ} 50\frac{1}{2}'$ N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $32^{\circ} 48'$ N.

Subdivision of T. 7 S., R. 15 E.

Chains.

- N. 0° 2' W., bet. seds. 21 & 22.
Over rolling, broken land, through dense brush.
- 10.66 Dim road, brs. E. & W.
- 12.00 Wash, 80 lks. wide, course E.
- 20.00 Leave draw, course ENE., asc. grad.
- 21.70 Sandstone bluff, 50 ft. high, brs. E. & W., asc. prec.
- 25.00 Sharp ridge, brs. E. & W., desc.
- 32.70 Wash, 30 lks. wide, course ESE. Ascend.
- 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 S 22 in E. half; from which,
A paloverde tree 6 ins. diam. brs. N. 88 $\frac{1}{2}$ ° E. 67 lks. dist., marked $\frac{1}{4}$ S 22 B T.
A paloverde tree 8 ins. diam. brs. S. 18 $\frac{1}{2}$ ° W. 69 lks. dist., marked $\frac{1}{4}$ S 21 B T.
- 42.00 Wash, 20 lks. wide, course E.
- 52.00 Wash, 30 lks. wide, course E., asc. grad.
- 55.00 Small ridge, brs. E. & W., desc.
- 58.50 Wash, 30 lks. wide, course ENE.
- 63.00 Wash, 20 lks. wide, course ENE., asc.
- 69.00 Ridge, brs. E. & W., desc.
- 78.00 Wash, 30 lks. wide, course ENE., from WSW.
- 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 7 S R 15 E, in N. half, 1913 in S. rim; S 16 in NW., S 15 in NE., S 22 in SE., and S 21 in SW. quad.; from which,
A catclaw tree 5 ins. diam. brs. N. 35 $\frac{1}{2}$ ° E. 37 lks. dist., marked T 7 S R 15 E S 15 B T.
A catclaw tree 4 ins. diam. brs. S. 27 $\frac{1}{2}$ ° E. 47 lks. dist., marked T 7 S R 15 E S 22 B T.
A catclaw tree 6 ins. diam. brs. S. 54 $\frac{1}{2}$ ° W. 87 lks. dist., marked T 7 S R 15 E S 21 B T.
A mesquite tree 9 ins. diam. brs. N. 47° W. 99 lks. dist., marked T 7 S R 15 E S 16 B T.
- Land, broken, heavily rolling.
Soil, 3rd rate, gravelly, sandy, loose, dry.
Mesquite, catclaw, greasewood, cacti, paloverde, fair grass.
- 37.00 Ridge, E. & W.

- 40.00 S. 89° 55' E., on a random line bet. secs. 15 & 22.
Set temp. $\frac{1}{4}$ sec. cor.
- 79.94 Intersect N. & S. line 5 lks. S. of cor. of secs. 14, 15, 22 & 23, thereinbefore described, whence I run,
N. 89° 57' W., on a true line bet. secs. 15 & 22.
Over broken, heavily rolling land., asc.
- 10.00 Spur, brs. NE. & SW., desc. grad.
- 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, 1913 in S. rim; $\frac{1}{4}$ S 15 in N., and No bearings available. S 22 in S. half; Pits impracticable.
raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
- 41.00 Wash, 20 lks. wide, course NE.
- 47.50 Wash, 30 lks. wide, course ENE.
- 77.75 Wash, 40 lks. wide, course NE.
- 79.94 To cor. of secs. 15, 16, 21 & 22.
Land, broken, heavily rolling.
Soil, 3rd rate, gravelly, dry.
Mesquite, catclaw, cacti, paloverde, fair grass.
- 60.00 Ridge, NE. & SW.

Chains.	
	N. 0° 2' W., bet. secs. 15 & 16. Over heavily rolling, broken land, asc. grad.
18.00	Ridge, brs. E. & W., desc.
32.00	Enter valley of Putnam Wash, brs. E. & W.
39.80	Dim road, 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, 1913 in S. rim; $\frac{1}{4}$ S 16 in W., and S 15 in E. half; from which, A catclaw tree 4 ins. diam. brs. N. 38 $\frac{1}{2}$ ° E. 37 lks. dist., marked $\frac{1}{4}$ S 15 B T. A catclaw tree 4 ins. diam. brs. N. 41 $\frac{1}{2}$ ° W. 130 lks. dist., marked $\frac{1}{4}$ S 16 B T.
42.00	Putnam Wash, 2 chs. wide, course E.
44.00	Leave valley, brs. E. & W., asc. grad.
46.00	Top of broken mesa, brs. ENE. & W.
65.00	Wash, 20 lks. wide, course SE.
68.50	Wash, 30 lks. wide, course SE., asc.
72.00	Small ridge, brs. SE. & NW., desc.
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 7 S R 15 E, in N. half, 1913 in S. rim; S 9 in NW., S 10 in NE., S 15 in SE., and No bearings available. S 16 in SW. quad.; Pits impracticable. raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor. Land, broken, heavily rolling. Soil, 3rd rate, gravelly, dry. Mesquite, catclaw, cacti, paloverde, fair grass.
40.00	S. 89° 57' E. on a random line bet. secs. 10 & 15. Set temp. $\frac{1}{4}$ sec. cor.
79.90	Intersect N. & S. line 5 lks. S. of cor. of secs. 10, 11, 14 & 15, hereinbefore described, whence I run, N. 89° 59' W., on a true line, bet. secs. 10 & 15. Over heavily rolling, broken land.
15.00	Wash, 20 lks. wide, course SE.
36.00	Wash, 30 lks. wide, course ESE.
39.95	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 No bearings available. S 15 in S. half; Pits imprac. raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
65.00	Asc. grad.
79.90	To cor. of secs. 9, 10, 15 & 16. Land, heavily rolling, broken. Soil, 3rd rate, gravelly, loose, dry. Scrub mesquite, catclaw, cacti, paloverde, fair grass. Sept. 5, 1913. J. B. W.
	J. B. W. Sept. 7, 1913. At 7h a.m., l.m.t., at the cor. of secs. 9, 10, 15 & 16, hereinbefore described. I set off 6° 12' N. on the decl. arc, and 32° 49 $\frac{1}{2}$ ' N. on the lat. arc, and determine a meridian with the solar. Thence I run, N. 0° 2' W. bet. secs. 9 & 10. Over heavily rolling, broken land.
4.50	Wash, 20 lks. wide, course E.
13.00	Gulch, 50 lks. wide, course ESE.
28.50	Wash, 80 lks. wide, course E.
34.00	Wash, 30 lks. wide, course E.; ascend.
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.
51.00	Ridge, E. & W.

Chains.

65.00 Wash, 40 lks. wide, course ESE.
 75.00 Wash, 40 lks. wide, course E.
 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 7 S R 15 E, in N. half, 1913 in S. rim;
 S 4 in NW.,
 S 3 in NE.,
 S 10 in SE., and
 S 9 in SW. quad.; from which,
 A paloverde tree 6 ins. diam. brs. N. 36° E. 96 lks. dist., marked T 7 S R 15 E S 3 B T.
 A paloverde tree 6 ins. diam. brs. S. 40° E. 78 lks. dist., marked T 7 S R 15 E S 10 B T.
 A paloverde tree 4 ins. diam. brs. S. 65° W. 42 lks. dist., marked T 7 S R 15 E S 9 B T.
 A paloverde tree 4 ins. diam. brs. N. 77° W. 19 lks. dist., marked T 7 S R 15 E S 4 B T.
 Land, broken, heavily rolling. Soil, 3rd rate, gravelly. Paloverde, mesquite, catclaw, dense cacti, fair grass.

S. 89° 59' E. on a random line, bet. secs. 3 & 10.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.86 Intersect N. & S. line 2 $\frac{1}{2}$ lks. S. of cor. of secs. 2, 3, 10 & 11, hereinbefore described, whence I run,
 West, on a true line, bet. secs. 3 & 10.
 Over broken, heavily rolling land, through dense cacti.
 0.30 Wash, 30 lks. wide, course NE.
 16.10 Wash, 30 lks. wide, course SE.
 27.00 Wash, 10 lks. wide, course NE., asc. grad.
 39.93 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 paloverde tree 9 ins. diam. brs. S. 47° W. 41 lks. dist., marked $\frac{1}{4}$ S 10 B T.
 A paloverde tree 6 ins. diam. brs. N. 74° W. 100 lks. dist., marked $\frac{1}{4}$ S 3 B T.
 57.50 Ridge, brs. S. & N., desc. grad.
 67.50 Wash, 30 lks. wide, course SW., near head, asc. gently.
 79.86 To cor. of secs. 3, 4, 9 & 10.
 Land, broken, heavily rolling. Soil, 3rd rate, gravelly. Paloverde, cacti, mesquite, catclaw, fair grass.

N. 0° 5' W., on a random line bet. secs. 3 & 4.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.16 Intersect N. bdy. of Tp. 7 lks. E. of cor. of secs. 3, 4, 33 & 34, recently estab. by W.H. Elliott, heretofore described in book C., , whence I run,
 S. 0° 8' E., on a true line, bet. secs. 3 & 4.
 Over mts., broken land, along E. side of ridge.
 30.00 Gulch, 50 lks. wide, course NNE., near head, asc.
 40.16 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 No bearings available.
 S 3 in E. half; Pits impracticable.
 raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
 42.80 Ridge, brs. NE. & SW., desc.
 50.10 Wash, 20 lks. wide, near head, course ENE., asc.
 67.00 Ridge, brs. SE. & NW., desc.
 80.16 To cor. of secs. 3, 4, 9 & 10.
 Land, mts., broken. Soil, 3rd rate, stony, gravelly, dry. Cacti, paloverde, catclaw, fair grass.
 At this cor., at noon, I set off 6° 06' N. on the decl. arc, and observe the sun on the meridian.
 The resulting lat. is 32° 50' N.

Sept. 7, 1913.
 J. B. W.

Chains.	J. B. W. Sept. 6, 1913. At 7h 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, and described in book C, I set off $6^{\circ}34'$ N. on the decl. arc, and $52^{\circ}46'$ N. on the lat. arc, and determine a meridian with the solar. Thence I run, N. $0^{\circ}2'$ W., bet. secs. 32 & 33. Over heavily rolling, broken land.
3.00	Wash, 20 lks. wide, course ENE.
6.50	Wash, 10 lks. wide, course E.
23.00	Wash, 30 lks. wide, course ESE., asc. grad.
37.00	Ridge, brs. E. & W., desc.
38.50	Wash, 50 lks. wide, course ENE., 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 No bearings available. S 33 in E. half; Pits impracticable. raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
44.50	Ridge, brs. E. & W., desc.
51.00	Wash, 20 lks. wide, course E., asc.
60.00	Ridge, brs. ESE. & WNW., desc.
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 7 S R 15 E, in N. half, 1913 in S. rim, S 29 in NW., S 28 in NE., No bearings available. S 33 in SE., and Pits impracticable. S 32 in SW. quad.; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, broken, heavily rolling. Soil, 3rd rate, gravelly, dry, loose. Paloverde, cacti, mesquite, catclaw, fair grass.
40.00	S. $89^{\circ}59'$ E., on a random line bet. secs. 28 & 33. Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect N. & S. line $2\frac{1}{4}$ lks. S. of cor. of secs. 27, 28, 33 & 34, hereinbefore described, whence I run, West, on a true line, bet. secs. 28 & 33. Over heavily rolling land.
35.00	Wash, 30 lks. wide, course NE., asc. 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, 1913 in S. rim; $\frac{1}{4}$ S 28 in N., and No bearings available. S 33 in S. half; Pits impracticable. raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
55.00	Ridge, brs. NE. & SW., desc. grad.
79.96	To cor. of secs. 28, 29, 32 & 33. Land, heavily rolling. Soil, 3rd rate, gravelly, dry. Mesquite, cacti, catclaw, paloverde, fair grass.

Chains.

N. 0° 2' W., bet. secs. 28 & 29.
 Over heavily rolling, broken land, through dense brush.

2.25 Wash, 50 lks. wide, course E., asc. grad.
 10.00 Ridge, brs. SE. & NW., desc.
 28.50 Wash, 70 lks. wide, course E., asc. grad.
 34.00 Ridge, brs. E. & W., desc. steep.
 37.50 Wash, 30 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 29 in W., and No bearings available. S 28 in E. half; Pits impracticable. raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.

43.00 Ridge, brs. E. & W., desc. steep, to mesa.
 50.00 Foot of steep descent, brs. E. & W., desc. grad.
 66.00 Desc. steep.
 71.00 Enter draw, course ENE.
 72.00 Dim road, brs. ENE. & WSW.
 80.00 Point for corner in wash, 2 chs. wide, course ENE.
 81.50 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for witness cor. to cor. of secs. 20, 21, 28 & 29, marked on brass cap, 1913 in S. rim;
 W C, S. of centre,
 T 7 S R 15 E, in N. half,
 S 20 in NW.,
 S 21 in NE.,
 S 28 in SE., and
 S 29 in SW. quad.; from which,
 A mesquite tree 8 ins. diam. brs. N. 80° E. 27 lks. dist., marked T 7 S R 15 E S 21 W C B T.
 A catclaw tree 6 ins. diam. brs. S. 47° E. 299 lks. dist., marked T 7 S R 15 E S 28 W C B T.
 A catclaw tree 6 ins. diam. brs. S. 26° W. 29 lks. dist., marked T 7 S R 15 E S 29 W C B T.
 A catclaw tree 9 ins. diam. brs. N. 82° W. 34 lks. dist., marked T 7 S R 15 E S 20 W C B T.

Land, broken, rolling.
 Soil, 3rd rate, stony, gravelly, dry, loose.
 Mesquite, catclaw, cacti, greasewood, fair grass.

40.00 East, on a random line bet. secs. 21 & 28, from cor. point.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Intersect N. & S. line 2 lks. N. of cor. of secs. 21, 22, 27 & 28, hereinbefore described, whence I run,
 N. 89° 59' W., on a true line bet. secs. 21 & 28.
 Over heavily rolling, broken land, through dense brush.

19.00 Ridge, brs. ESE. & WNW., desc. grad.
 30.00 Wash, 20 lks. wide, course ESE.
 32.00 Same wash, course NE.
 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 21 in N., and S 28 in S. half; from which,
 A mesquite tree 8 ins. diam. brs. S. 73° W. 48 lks. dist., marked $\frac{1}{4}$ S 28 B T.
 A mesquite tree 8 ins. diam. brs. N. 85° W. 67 lks. dist., marked $\frac{1}{4}$ S 21 B T.

45.00 Low ridge, brs. NE. & SW., desc. grad.
 62.50 Wash, 180 lks. wide, course ENE., dim road in same. Thence in broken wash.
 79.96 To cor. point of secs. 20, 21, 28 & 29.
 Land, broken, heavily rolling.
 Soil, 3rd rate, gravelly, dry.
 Mesquite, catclaw, cacti, greasewood, fair grass.
 At this cor., at noon, I set off 6° 28' N. on the decl. arc, and observe the sun on the meridian.
 The resulting lat. is 32° 48' N.

Chains.	From the cor. point of secs. 20, 21, 28 & 29, I run, N. 0° 2' W., bet. secs. 20 & 21. Over broken, heavily rolling land;
1.50	Witness cor. to cor. of secs. 20, 21, 28, and 29. (asc. grad.)
16.00	Spur, brs. E. & W., desc. grad.
21.50	Wash, 40 lks. wide, course E., asc.
30.00	Spur, brs. E. & W., desc. grad.
40.00	Point for $\frac{1}{4}$ sec. cor. falls in wash, 20 lks. wide, course ESE. Asc.
40.15	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 $\frac{1}{4}$ S. of centre, 1913 in S. rim; S 20 in NW., and Pits imprac. S 21 in NE. quad.; no bearings available. Raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
50.00	Wash, 30 lks. wide, course NE.
57.00	Wash, 40 lks. wide, course E.
74.50	Wash, 30 lks. wide, course E., asc. grad.
76.00	Small ridge, brs. E. & W., desc.
78.50	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. 16, 17, 20 & 21, marked on brass cap, T 7 S R 15 E, in N. half, 1913 in S. rim; S 17 in NW., S 16 in NE., S 21 in SE., and Pits imprac. S 20 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, heavily rolling. Soil, 3rd rate, gravelly, dry. Catclaw, mesquite, paloverde, cacti, fair grass.
45.00	Ridge, E. & W.
40.00	S. 89° 59' E. on a random line bet. secs. 16 & 21. Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. & S. line 5 lks. S. of cor. of secs. 15, 16, 21 & 22, hereinbefore described, whence I run, S. 89° 59' W., on a true line bet. secs. 16 & 21. Over rolling land, in draw, through dense brush.
18.25	Wash, 60 lks. wide, course ESE.
25.00	Same wash, course NE.
29.00	Same wash, course ESE.
30.00	Leave draw, asc. grad., brush scattering, dense cacti.
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 16 in N., and No bearings available. S 21 in S. half; Pits impracticable. raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
60.00	Ridge, brs. NE. & SW., desc. steep.
64.00	Enter draw, course NE.
66.00	Wash, 30 lks. wide, course NE.
69.50	Leave draw, asc. grad.
79.00	Spur, brs. S. & N., near S. point, desc.
80.02	To cor. of secs. 16, 17, 20 & 21. Land, broken, heavily rolling. Soil, 3rd rate, gravelly, dry. Mesquite, paloverde, catclaw, cacti, sparse grass.

Chains.	N. 0° 2' W., bet. secs. 16 & 17. Over heavily rolling, broken land, through scattering brush, dense cacti, asc. grad.
7.75	Spur, brs. SE. & NW., desc.
15.50	Wash, 30 lks. wide, course SE., asc. grad.
21.00	Ridge, brs. SE. & NW., desc. grad.
29.50	Wash, 40 lks. wide, course E.
37.50	Wash, 30 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 17 in W., and Pits imprac. S 16 in E. half; no bearings available. raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
44.50	Ridge, brs. E. & W., desc. steep.
55.00	Enter draw, course E.
64.00	Wash, 2 chs. wide, course E., dim road in same, main wash.
65.00	Leave draw, asc.
77.50	Ridge, brs. SE. & NW., near SE. point, desc.
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 7 S R 15 E, in N. half, 1913 in S. rim, S 8 in NW., S 9 in NE., S 16 in SE., and Pits impracticable. S 17 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. Soil, 3rd rate, gravelly, dry, stony, loose. Mesquite, catclaw, cacti, paloverde, fair grass.
40.00	N. 89° 59' E. on a random line bet. secs. 9 & 16. Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect cor. of secs. 9, 10, 15 & 16, hereinbefore described, whence I run, S. 89° 59' W. on a true line bet. secs. 9 & 16. Over heavily rolling or mts. land, asc., through scattering brush.
10.00	Ridge, brs. NNW. & SSE., desc.
18.00	Wash, 20 lks. wide, course SE., asc.
24.00	Ridge, brs. NE. & SW., near NE. end, desc. grad.
30.00	Ridge, brs. NNW. & SSE., 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 9 in N., and No bearings available. S 16 in S. half; Pits impracticable. raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
41.50	Wash, 20 lks. wide, course SE., asc.
49.00	Ridge, brs. SE. & NW., desc.
60.50	Wash, 30 lks. wide, course SE., asc.
67.00	Ridge, brs. SE. & NW., desc.
77.00	Wash, 30 lks. wide, course SSE., asc.
80.00	To cor. of secs. 8, 9, 16 & 17. Land, broken, mts. Soil, 3rd rate, gravelly, stony, dry. Catclaw, cacti, paloverde, mesquite, fair grass. Sept. 6, 1913. J.B.W.
	Sept. 7, 1913. J. B. W. At 1h 30m p.m., l.m.t., at the cor. of secs. 9, 10, 15 & 16, hereinbefore described, I set off 6° 4 $\frac{1}{2}$ ' N. on the decl. arc, and 32° 49 $\frac{1}{2}$ ' N. on the lat. arc, and determine a meridian with the solar. Thence I run, N. 0° 2' W., bet. secs. 8 & 9. Over mts., broken land, asc.
20.00	Ridge, brs. E. & W., desc. along ENE. slope.
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 No bearings available. S 9 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, 30 lks. wide, course SE., asc.
50.00	Ridge, brs. ESE. & W., desc.

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Subdivision of T. 7 S., R. 15 E.

Chains.

59.00 Head of wash, course ESE., asc. grad.
 68.00 Ridge, brs. ENE. & SW., desc.
 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 7 S R 15 E, in N. half, 1913 in S. rim;
 S 5, in NW.,
 S 4 in NE.,
 S 9 in SE., and Pits impracticable.
 S 8 in SW. quad.; No bearings available.
 Raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.
 Land, broken, mts.
 Soil, 3rd rate, stony, dry.
 Paloverde, cacti, scrub catclaw, mesquite, fair grass.

40.00 N. 89°59' E. on a random line bet. secs. 4 & 9.
 Set temp. ¼ sec. cor.
 79.98 Intersect N. & S. line 5 lks. N. of cor. of secs. 3, 4, 9 & 10, hereinbefore described, whence I run,
 N. 89°59' W., on a true line bet. secs. 4 & 9.
 Over heavily rolling, or mts. land, desc. grad.
 23.00 Wash, 30 lks. wide, course SSE.,
 39.99 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 4 in N., and No bearings available.
 S 9 in S. half; Pits impracticable.
 raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.
 40.50 Gulch, 20 lks. wide, course SE.
 59.00 Gulch, 30 lks. wide, course ESE., asc.
 72.00 Ridge, brs. NE. & SSW., desc.
 79.98 To cor. of secs. 4, 5, 8 & 9.
 Land, broken, mts.
 Soil, 3rd rate, gravelly, stony, dry.
 Cacti, scrub mesquite, paloverde, catclaw, fair grass.

40.00 N. 0° 8' W., on a random line bet. secs. 4 & 5.
 Set temp. ¼ sec. cor.
 80.18 Intersect N. bdy. of Tp. 2½ lks. E. of cor. of secs. 4, 5, 32 & 33, as heretofore estab. by W.H. Elliott, as described in book "C", whence I run,
 S. 0° 9' E., on a true line bet. secs. 4 & 5.
 Over heavily rolling, broken land.
 6.00 Wash, 50 lks. wide, course E., asc.
 12.00 Ridge, brs. E. & W., desc.
 32.00 Wash, 80 lks. wide, course E., enter broad draw.
 40.18 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 W., and
 S 4 in E. half; from which,
 A mesquite tree 10 ins. diam. brs. S. 50° W. 120 lks. dist., marked ¼ S 5 B T.
 A mesquite tree 6 ins. diam. brs. N. 60° E. 52 lks. dist., marked ¼ S 4 B T.
 41.00 Leave draw, course E., asc. grad.
 48.00 Top of rise, brs. E. & W., desc. grad.
 56.00 Enter draw, course NE.
 65.00 Wash, 80 lks. wide, course NE., asc. grad. from draw.
 68.00 Asc. steep.
 80.18 To cor. of secs. 4, 5, 8 & 9.
 Land, broken, mts.
 Soil, 3rd rate, gravelly, dry.
 Scrub mesquite, catclaw, paloverde, cacti, fair grass.
 Sept. 7, 1913. J. B. W.

Chains.

Sept. 6, 1913. W. H. E.
 At 8h a.m., l.m.t., at the cor. of secs. 5, 6, 31 & 32,
 on the S. bdy. of the Tp., as heretofore estab. by J. B. Wright,
 and described in book "C."
 I set off 6°32' N. on the decl. arc, and 32°46' N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 N. 0° 3' W., bet. secs. 31 & 32.
 Over heavily rolling, broken land, through dense brush.
 2.50 Wash, 30 lks. wide, course E.
 27.00 Wash, 20 lks. wide, course E.
 32.75 Wash, 20 lks. wide, course E.
 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 31 in W., and
 S 32 in E. half;
 dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and
 raise a mound of earth 3½ ft. base, 1½ ft. high W. of cor.
 40.75 Wash, 10 lks. wide, course E.
 47.50 Wash, 30 lks. wide, course ESE.
 68.50 Wash, 20 lks. wide, course ESE.
 77.00 Desc. steep.
 As cor. point of secs. 29, 30, 31 & 32 will fall in wash,
 79.20 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for witness cor. to cor. of secs. 29,
 29, 30, 31 & 32, marked on brass cap, 1913 in S. rim;
 W C N. of centre,
 T 7 S R 15 E, in N. half,
 S 30 in NW.,
 S 29 in NE.,
 S 32 in SE., and
 S 31 in SW. quad.; from which,
 A catclaw tree 6 ins. diam. brs. N. 28° E. 176 lks. dist.,
 marked T 7 S R 15 E S 29 W C B T.
 A mesquite tree 6 ins. diam. brs. S. 53° E. 141 lks. dist.,
 marked T 7 S R 15 E S 32 W C B T.
 A mesquite tree 8 ins. diam. brs. S. 34° W. 133 lks. dist.,
 marked T 7 S R 15 E S 31 W C B T.
 A catclaw tree 10 ins. diam. brs. N. 7° W. 166 lks. dist.,
 marked T 7 S R 15 E S 30 W C B T.
 80.00 To cor. point of secs. 29, 30, 31 & 32, in wash, course ENE.
 Land, rolling. Soil, 3rd. rate, sandy, gravelly, dry.
 Mesquite, catclaw, cacti, paloverde, fair grass.

From cor. point in wash, I run,
 S. 89°59' E., on a random line bet. secs. 29 & 32.
 40.00 Set temp. ¼ sec. cor.
 79.98 Intersect N. & S. line 2½ lks. S. of cor. of
 secs. 28, 29, 32 & 33, hereinbefore described,
 whence I run,
 West, on a true line, bet. secs. 29 & 32.
 Over rolling land, along S. side of draw to E.
 39.99 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 29 in N., and No bearings available.
 S 32 in S. half; Pits imprac.
 raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.
 45.00 Asc. NE. slope.
 55.00 Along N. slope.
 75.00 Desc. steep NW. slope.
 79.98 To cor. pt. of secs. 29, 30, 31 & 32.
 Land, rolling.
 Soil, 3rd rate, gravelly, sandy, loose.
 Catclaw, mesquite, cacti, good grass.

Chains.

	From the cor. point of secs. 29, 30, 31 & 32, the cor. of secs. 25, 30, 31 & 36, on the W. bdy. of the Tp., brs. N. 89°56' W., therefore I run, on a true line, N. 89°56' W. bet. secs. 30 & 31. Over rolling land., in wash.
4.00	Leave wash, course E., from WNW., asc. grad.
11.99	To cor. of secs. 25, 30, 31 & 36, as heretofore estab. by me, and described in book C. Land, rolling. Soil, 3rd rate, sandy, gravelly. At this cor., at noon, I set off 6°28' N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 32°47' N.
	From the cor. point of secs. 29, 30, 31 & 32, I run, N. 0° 3' W., bet. secs. 29 & 30. Over heavily rolling, broken land.
1.00	Leave wash, asc. grad.
15.00	Ridge, brs. E. & W., desc.
19.50	Wash, 30 lks. wide, course E., asc.
22.00	Ridge, brs. E. & W., desc.
24.50	Wash, 10 lks. wide, course E.
26.50	Wash, 20 lks. wide, course ESE., asc. grad.
35.00	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, 1913 in S. rim; $\frac{1}{4}$ S 30 in W., and S 29 in E. half; no bearings available. 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	Wash, 20 lks. wide, course E., asc.
62.50	Top of rise, brs. E. & W., desc. steep.
65.00	Enter draw, course ENE.
67.66	Dim road, brs. ENE. & WSW.
68.50	Wash, 80 lks. wide, course E.
70.00	Leave draw, asc. grad.
74.50	Ridge, brs. E. & W., desc.
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 7 S R 15 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. 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, heavily rolling, broken. Soil, 3rd rate, gravelly, dry. Mesquite, catclaw, paloverde, fair grass.
	East, on a random line, bet. secs. 20 & 29.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. & S. line 7 lks. N. of cor. pt. of secs. 20, 21, 28 & 29, hereinbefore described, whence I run, N. 89°57' W., on a true line, bet. secs. 20 & 29. Over rolling land, through dense brush, in wash.
40.02	Point for $\frac{1}{4}$ sec. cor. falls in wash.
43.25	Leave wash, runs E. from WNW.
43.82	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 20 in NW., and S 29 in SW. quad. from which, A mesquite tree 8 ins. diam. brs. S. 12° W. 38 lks. dist., marked $\frac{1}{4}$ S 29 W C B T. A mesquite tree 6 ins. diam. brs. N. 11 $\frac{1}{2}$ ° W. 40 lks. dist., marked $\frac{1}{4}$ S 20 W C B T.
74.50	Spur, brs. NE. & SW., desc.
80.04	To cor. of secs. 19, 20, 29 & 30. Land, rolling. Soil, 3rd rate, sandy, gravelly, loose. Mesquite, catclaw, cacti, fair grass.

Subdivision of T. 7 S., R. 15 E.

Chains.

- From the cor. of secs. 19, 20, 29 & 30, a flag on the cor. of secs. 19, 24, 25 & 30, on the W. bdy. of the Tp. brs. S. 89°58' W., therefore I run, on a true line, S. 89°58' W. bet. secs. 19 & 30.
Over rolling land, desc. grad.
- 11.88 To cor. of secs. 19, 24, 25 & 30, on W. bdy. of Tp., established by me and described in book C..
Land, rolling. Soil, 3rd rate, gravelly, dry.
Sept. 6, 1913.
-
- W.H.E.
- W.H.E.
Sept. 7, 1913.
At 7h a.m., l.m.t., at the cor. of secs. 19, 20, 29 & 30, hereinbefore described,
I set off 6°12' N. on the decl. arc, and 32°48' N. on the lat. arc, and determine a meridian with the solar. Thence I run,
N. 0°3' W., bet. secs. 19 & 20.
Over rolling land, desc. grad.
- 10.00 Head of wash, course ESE., asc. grad.
19.00 Ridge, brs. E. & W., desc.
21.00 Wash, 10 lks. wide, course ESE., asc. grad.
23.00 SE. point of spur, brs. SE. & NW., desc. grad.
39.70 Wash, 10 lks. wide, course SE., asc. steep.
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 19 in W., and No bearings available.
S 20 in E. half; Pits impracticable.
raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.
- 45.00 Ridge, brs. E. & W., desc. steep.
51.00 Wash, 10 lks. wide, course ENE., asc. grad.
55.50 Spur, brs. NE. & SW., desc. steep.
62.00 Enter draw, course E.
65.00 Wash, 40 lks. wide, course E.
68.00 Leave draw, asc. grad.
71.00 Small ridge, brs. E. & W., desc.
77.00 Wash, 15 lks. wide, course SE., asc. grad.
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 7 S R 15 E, in N. half, 1913 in S. rim;
S 18 in NW.,
S 17 in NE.,
S 20 in SE., and Pits impracticable.
S 19 in SW. quad.; no bearings available.
Raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.
Land, broken, rolling. Soil, 3rd rate, gravelly, dry.
Scattering scrub mesquite, catclaw, paloverde, cacti.
-
- S. 89°57' E., on a random line bet. secs. 17 & 20.
- 40.00 Set temp. ¼ sec. cor.
80.08 Intersect N. & S. line 5 lks. N. of cor. of secs. 16, 17, 20 & 21, hereinbefore described, whence I run,
N. 89°55' W., on a true line bet. secs. 17 & 20.
Over broken land.
- 0.50 Wash, 10 lks. wide, course SSE.
14.25 Wash, 30 lks. wide, course ESE., asc. grad.
36.00 Spur, brs. S. & N., desc.
40.04 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap, Pits imprac.
1913 in S. Rim; ¼ S 17 in N., and S 20 in S. half; no bearings avail.
raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.
- 44.00 Wash, 30 lks. wide, course SSE., asc.
55.50 Ridge, brs. SE. & NW., desc.
60.00 Wash, 20 lks. wide, course SSE., asc.
65.00 Spur, brs. SSE. & NNW., desc.
69.50 Wash, 20 lks. wide, course S., asc.
76.00 Spur, brs. SSE. & NNW., desc.
80.08 To cor. of secs. 17, 18, 19 & 20.
Land, rolling, broken.
Soil, 3rd rate, gravelly, stony, dry.
Mesquite, catclaw, paloverde, cacti, fair grass.

Chains.

	From the cor. of secs. 17, 18, 19 & 20, a flag at the cor. of secs. 13, 18, 19 & 24, on the W. bdy. of the Tp., brs. West; therefore I run, on true line, West, bet. secs. 18 & 19. Over rolling, broken land, desc.
8.50	Wash, 20 lks. wide, course SSE.
11.80	To cor. of secs. 13, 18, 19 & 24, on W. bdy. of Tp., established by me, and described in book C. Land, rolling. Soil, 3rd rate, gravelly, dry.
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	N. 0° 3' W. bet. secs. 17 & 18. Over rolling, broken land, asc. grad., through dense cacti.
10.00	Ridge, brs. E. & W., desc. grad.
13.00	Wash, 20 lks. wide, course ESE., asc.
22.40	Ridge, brs. E. & W., desc.
32.00	Enter draw, course E.
33.00	Wash, 180 lks. wide, course E.
36.00	Dim road, 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, 1913 in S. rim; $\frac{1}{4}$ 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.
41.00	Leave draw, asc. steep.
65.00	Ridge, brs. E. & W., desc.
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 7 S R 15 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.; 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, broken, mts. Soil, 3rd rate, gravelly, dry. Mesquite, catclaw brush, paloverde, cacti, fair grass.
<hr/>	
	S. 89°55' E., on a random line bet. secs. 8 & 17.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect N. & S. line 5 lks. S. of cor. of secs. 8, 9, 16 & 17, hereinbefore described, whence I run, N. 89°57' W., on a true line bet. secs. 8 & 17. Over rolling, broken, mts. land, asc. steep.
5.50	Ridge, brs. SSE. & NNW., desc.
18.00	Gulch 20 lks. wide, course S., asc.
21.50	Ridge, brs. S. & N., desc.
25.00	Gulch, 30 lks. wide, course S., asc.
29.00	Ridge, brs. S. & N., desc.
31.00	Wash, 30 lks. wide, course S., asc.
37.00	Ridge, brs. S. & N., desc.
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 8 in N., and No bearings available. S 17 in S. half; Pits impracticable. raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
42.50	Wash, 30 lks. wide, course SSE., asx. grad. along SSE. slope.
62.50	Enter rolling land,
80.06	To cor. of secs. 7, 8, 17 & 18. Land, broken, heavily rolling. Soil, 3rd rate, gravelly, dry. Mesquite, cacti, catclaw, good native grass.

Chains.

From the cor. of secs. 7, 8, 17 & 18, the cor. of secs. 7, 12, 13 & 18, on W. bdy. of Tp. brs. N. 89°56' W., Therefore I run, N. 89°56' W., on a true line bet. secs. 7 & 18. Over rolling land.

1.25 Wash, 10 lks. wide, course SW., asc. grad.

11.74 To cor. of secs. 7, 12, 13 & 18, on W. bdy. of Tp., heretofore estab. by me, and described in book "C" Land, rolling. Soil, 3rd rate, gravelly, dry.

At the cor. of secs. 7, 8, 17 & 18, at noon, I set off 6°06' N. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 32°49' N.

N. 0° 3' W., bet. secs. 7 & 8. Over heavily rolling, or mts. land, asc.

4.00 Ridge, brs. SE. & NW., desc.

8.50 Wash, 20 lks. wide, course SE.

15.00 Wash, 20 lks. wide, course SE., asc.

32.00 Ridge, brs. SE. & NW., desc.

39.50 Wash, 30 lks. wide, course SE., 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 7 in W., and No bearings available. S 8 in E. half; Pits impracticable. raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.

49.00 Ridge, brs. SE. & NW., desc.

52.00 Wash, 20 lks. wide, course SE., asc.

58.00 Gulch, 30 lks. wide, course SE.

67.50 Gulch, 40 lks. wide, course SE., asc.

78.00 Ridge, brs. SE. & NW., 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 & 8, marked on brass cap, T 7 S R 15 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 imprac. raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor. Land, broken, mts. Soil, 3rd rate, gravelly, dry. Mesquite, catclaw, paloverde, cacti, good grass.

S. 89°57' E., on a random line bet. secs. 5 & 8.

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

80.02 Intersect N. & S. line 5 lks. N. of cor. of secs. 4, 5, 8 & 9, thereinbefore described, whence I run, N. 89°55' W., on a true line bet. secs. 5 & 8. Over broken, mts. land, desc. grad.

7.00 Enter draw, course NE.

13.00 Wash, 50 lks. wide, course NE.

20.00 Leave draw, asc.

35.00 Ridge, brs. NE. & SW., desc.

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 5 in N., and No bearings available. S 8 in S. half; Pits imprac. raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.

53.00 Wash, 40 lks. wide, course ESE.

57.00 Wash, 30 lks. wide, course SE., asc. grad.

80.02 To cor. of secs. 5, 6, 7 & 8. Land, broken, mts. Soil, 3rd rate, gravelly, dry. Mesquite, paloverde, cacti, catclaw, good grass.

Sept. 7, 1913. W. H. E.

Chains.

Sept. 8, 1913. J. B. W.
 At 6h 30m a.m., l.m.t., at the cor. of secs. 5, 6, 7 & 8,
 hereinbefore described,
 I set off 5°50' N. on the decl. arc, and 32°50' N. on
 the lat. arc, and determine a meridian with the solar.
 I send flagman to cor. of secs. 1, 6, 7 & 12, on W. bdy.
 of Tp., which cor. brs. N. 89°58' W.; therefore I run,
 N. 89°58' W., on a true line bet. secs. 6 & 7.
 Over rolling land, near N. foot of low ridge. (by
 11.70 To cor. of secs. 1, 6, 7 & 12, heretofore estab. W.H. Elliott
 and described in book "C."
 Land, rolling. Soil, 3rd rate, gravelly, dry.

N. 0° 9' W., on a random line bet. secs. 5 & 6.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect N. bdy. of Tp. at cor. of secs. 5, 6, 31 & 32,
 established by W. H. Elliott, and described in
 book "C", whence I run,
 S. 0° 9' E., on a true line bet. secs. 5 & 6.
 Over rolling, broken, mts. land, asc.
 2.00 Top of ridge, brs. ESE. & WNW., desc.
 21.00 Wash, 20 lks. wide, course ESE., asc.
 26.80 Ridge, brs. SE. & NW., desc.
 32.50 Wash, 20 lks. wide, course SE., asc.
 36.00 Wash, 20 lks. wide, course SE., asc.
 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 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.
 42.50 Ridge, brs. SE. & NW., desc.
 51.00 Wash, 20 lks. wide, course SE.
 56.00 Wash, 20 lks. wide, course SE.
 69.00 Wash, 10 lks. wide, course SE.
 74.00 Wash, 20 lks. wide, course SE.
 80.02 To cor. of secs. 5, 6, 7 & 8.
 Land, broken, mts., heavily rolling.
 Soil, 3rd rate, gravelly, dry.
 Catclaw, paloverde, mesquite brush, cacti, fair grass.
 Sept. 8, 1913. J.B.W.

General Description.

T. 7 S., R. 15 E. is in general broken or heavily rolling
 in the western and mts. in the eastern portions.

The formation is mostly granite or granite-
 conglomerate or gravel, with ledges of syenite or
 igneous stone in the eastern portion.

There is no water or timber in the Tp. No settlers were
 noted, nor any indications of occupation of the land.

The land is in general suitable only for
 grazing purposes. Development of water in the western
 portion would develop a good range.

No indications of mineral were noted.

Sept. 8, 1913.

Jesse B. Wright
William H. Elliott

U. S. Surveyors.

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BOOK 2740


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____ }

 SEAL

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 7 South Range 15 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 July 24, 1913 for Group 30 _____, ~~me~~, 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.