

BOOK 2484

JUN 3- 1913

FIELD NOTES

OF THE SURVEY OF THE

Subdivision of T. 23 S., R. 30 E.

Of the Gila and Salt River, Base and Meridian,

In the State of Arizona

EXECUTED BY

William H. Elliott

In the capacity of U. S. Surveyor, under instructions dated Oct. 6, 1911, ~~1912~~,
issued by the United States Surveyor General to govern surveys included in
Group No. 17, which were approved by the Commissioner of the General Land
Office, October 14, 1911, pursuant to authority contained in the Act of
Congress dated August 24, 1912

Survey commenced Dec. 12, 1912, 1912

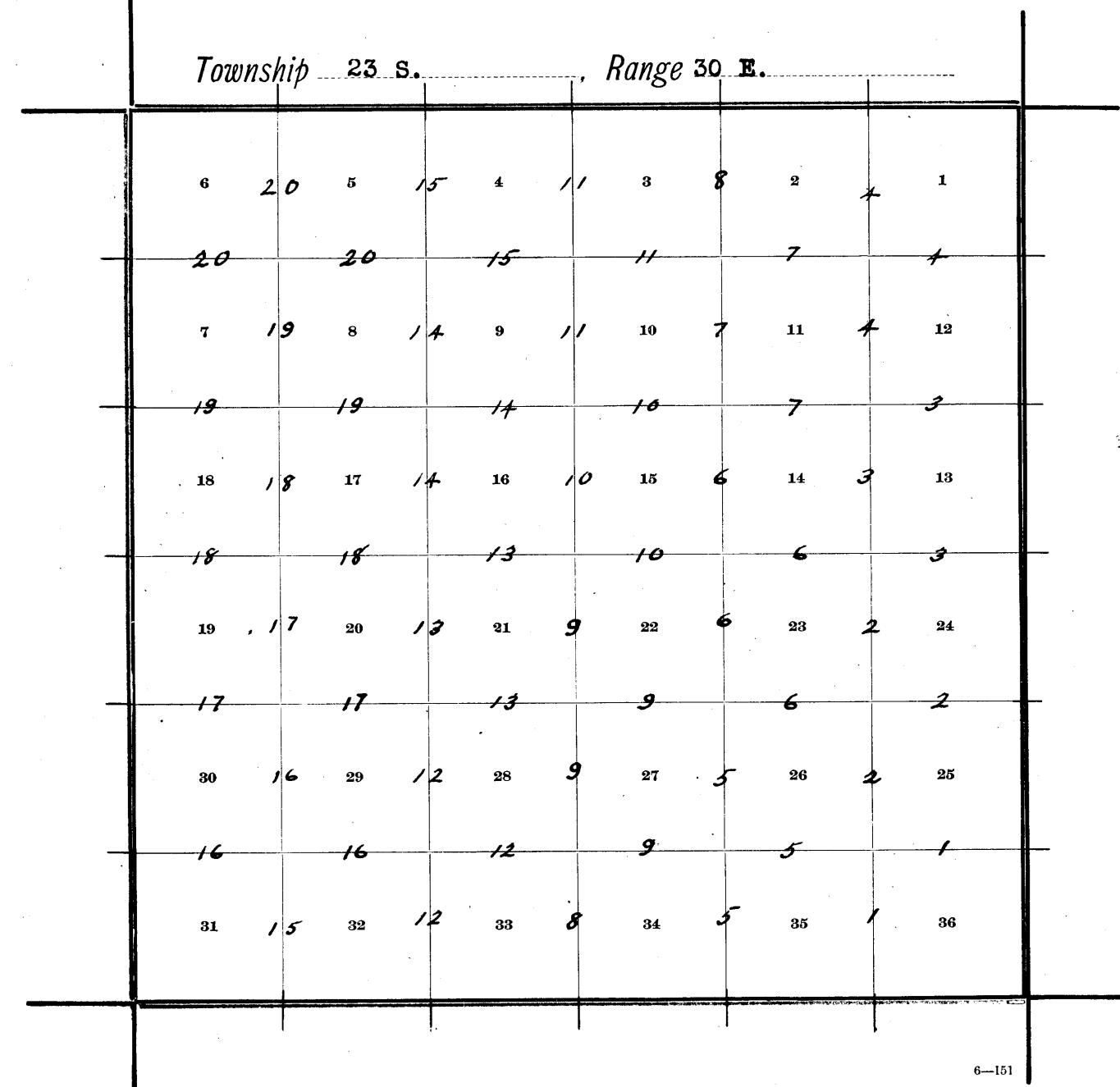
Survey completed Jan. 8, 1913, 1913

102
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BOOK 2484

INDEX DIAGRAM.

Township 23 S., Range 30 E.



6-151

- Book "A"
- Book "D"
- Book "G"

Subdivisions of T.23 S., R.30 E.

Chains

	Survey commenced Dec. 12, 1912, and executed with a Young & Sons light mountain transit No. 8492, with Smith's patent solar attachment on side.
	The horizontal limb, of the instrument reads to single minutes of arc by two verniers placed opposite to each other, which is also the least reading of the verniers of the latitude and declination arcs of the solar.
	Knowing from recent and repeated tests made on a true meridian, established by observation on Polaris, that my instrument is in correct adjustment, I proceed as follows.
	At 8h., a.m., 1.m.t., at the cor. of secs. 1, 2, 35 & 36, on the S. bdry. of the Tp., recently established by me, & described in Book G I set off $23^{\circ} 3' S.$ on the decl. arc; $31^{\circ} 22\frac{1}{2}' N.$ on the lat. arc; and determine a meridian with the solar.
	Thence I run as per instructions, N. $0^{\circ} 1' W.$ bet. secs. 35 & 36. Variation $13^{\circ} 15' E.$
	Over rolling land, through scrub mesquite and cacti.
24.00	Desc. precipitously.
32.00	Bernardino wash, 50 lks. wide, course SW.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground, on bed rock, in mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\frac{1}{4}$ S 35 in W. and S 36 in E. half;
	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	Asc. grad.
58.50	Desc. steep.
59.40	Bernardino wash, 50 lks. wide, course SSE.
67.20	Bernardino wash, 50 lks. wide, course SW.
68.30	Asc. steep.
77.90	Wire fence, E. & W.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in the ground, on bed rock, in mound of stone, for cor. of secs. 25, 26, 35 & 36, marked on brass cap,
	T 23 S R 30 E in N. half; S 26 in NW., S 25 in NE., S 36 in SE. and S 35 in SW. quad.;
	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	Land, rolling and broken.
	Soil, dry, stoney, 2nd and 3rd rate.
	No timber, Fair grass.
	Scrub mesquite brush and cacti.
	S. $89^{\circ} 59' E.$, on a random line bet. secs. 25 & 36.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect E. bdry. of Tp. at cor. of secs. 25, 30, 31 and 36, recently established by J.B.W. & described in Book D, whence I run, N. $89^{\circ} 59' W.$, on a true line bet. secs. 25 & 36.
	Over rolling land.
37.00	Desc. grad.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
	$\frac{1}{4}$ S 25 in N. and S 36 in S. half;
	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
48.00	Road, SSE. & NNW. A wind-mill bears S. 7 chs. dist.
58.50	Bernardino wash, 40 lks. wide, course S., asc. steep.
60.00	Over rolling land.
80.00	Cor. of secs. 25, 26, 35 & 36, hereinbefore described
	Land, rolling.
	Soil, dry, stoney, 2nd and 3rd rate.
	No timber.
	Fair grass.

	Chains	N.0° 1' W. bet. secs. 25 & 26 Over gently rolling land.
40.00		Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 26 in W. and S 25 in E. half; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Road, NE. & SW.
41.33		Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 23, 24, 25 & 26, marked on brass cap, T 23 S R 30 E in N. half; S 23 in NW., S 24 in NE., S 25 in SE. and S 26 in SW. quad.;
80.00		raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Land, gently rolling. Soil, dry, stoney, 2nd and 3rd rate. No timber. Fair grass. At this cor., at noon, I set off 23° 55' S. on the decl. arc; and observe the sun on the meridian. The resulting lat. is 31° 24 $\frac{1}{2}$ ' N.
40.00		S. 89° 59' E., on a random line bet. secs. 24 & 25. Set temp. $\frac{1}{4}$ sec. cor.
79.96		Intersect E. bdry. of Tp. 2 lks. N. of cor. of secs. 19, 24, 25 and 30, recently established by J.B.W. & described in Book D; Whence I run
9.60		N. 89° 58' W., on a true line bet. secs. 24 & 25. Over rolling land. Road, ENE. & WSW., desc. grad.
34.00		Bernardino Wash, 40 lks. wide, course SSW., asc. steep.
39.98		Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 24 in N. and S 25 in S. half; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
79.96		Top of steep ascent, and over rolling land. Cor. of secs. 23, 24, 25 & 26, hereinbefore described. Land, rolling. Soil, dry, stoney, 2nd and 3rd rate. No timber. Fair grass.
40.00		N.0° 1' W. bet. secs. 23 & 24. Over gently rolling land. Set an iron post, 3 ft. long, 1 in. in dia., 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;
80.00		raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in the ground, on bed rock, in mound of stone, for cor. of secs. 13, 14, 23 & 24, marked on brass cap, T 23 S R 30 E in N. half; S 14 in NW., S 13 in NE., S 24 in SE. and S 23 in SW. quad.;
		raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Land, gently rolling. Soil, dry, stoney, 2nd and 3rd rate. No timber. Fair grass.

Chains	S.89° 58' E., on a random line bet. secs. 13 & 24. Set temp. $\frac{1}{4}$ sec. cor.
40.00	Intersect E. bdry. of Tp. 5 lks. S. of cor. of secs. 13, 18, 19 & 24, Recently established by J.B.W. & described in Book D, whence I run, West, on a true line bet. secs. 13 & 24. Over gently rolling land. Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground, in mound of stone, on bed rock, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 13 in N. and S 24 in S. half; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Cor. of secs. 13, 14, 23 & 24, hereinbefore described. Land, gently rolling. Soil, dry, stoney, 2nd and 3rd rate.
80.00	
	Dec. 12, 1912.

40.00	Dec. 13, 1912, At 8h., a.m., l.m.t., I set off 23° 7' S. on the decl. arc; 31° 25' N. on the lat. arc; and determine a meridian with the solar, at the cor. of secs. 13, 14, 23 & 24, Whence I run N. 0° 1' W., bet. secs. 13 & 14. Over rolling land. Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground, on bed-rock, in mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 14 in W. and S 13 in E. half; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in the ground, on bed-rock, in mound of stone, for cor. of secs. 11, 12, 13 & 14, marked on brass cap, T 23 S R 30 E. in N. half; S 11 in NW., S 12 in NE., S 13 in SW. and S 14 in SW. quad.; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, rolling. Soil, dry, stoney, 2nd and 3rd rate, No timber. Fair grass.
80.00	

40.00	East, on a random line bet. secs. 12 & 13. Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect E. bdry. of Tp. 7 lks. N. of cor. of secs. 7, 12, 13 & 18, Recently established by J.B.W. & described in Book D, whence I run, N. 89° 57' W., on a true line bet. secs. 12 & 13. Over rolling land. Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground, on bed-rock, in mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 12 in N. and S 13 in S. half; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Cor. of secs. 12, 13 & 14, hereinbefore described. Land, rolling. Soil, dry, stoney, 2nd and 3rd rate. No timber. Fair grass.
40.02	
80.04	

	Chains	N.0° 1'W. bet. secs. 11 & 12. Over rolling land.
40.00		Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap, $\frac{1}{4}$ S 11 in W. and S 12 in E. half; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Asc.grad.
52.00		Low ridge, NE. & SW., desc.grad.
65.00		Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in the ground, on bed-rock, in mound of stone, for cor.of secs. 1, 2, 11 & 12, marked on brass cap, T. 23 S. R. 30 E. in N. half; S 2 in NW., S 1 in NE., S 12 in SE. and S 11 in SW. quad.; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. At this cor., at noon, I set off $23^{\circ} 9\frac{1}{2}'$ S. on the decl. arc; and observe the sun on the meridian. The resulting latitude is $31^{\circ} 27' N.$ <u>Land, rolling. Soil, dry, stoney, 2nd and 3rd rate. No timber, Fair grass.</u>
40.00		S.89° 57'E., on a random line bet. secs. 1 & 12. Set temp. $\frac{1}{4}$ sec.cor.
80.10		Intersect E. bdry. of Tp. 2 lks. S. of cor.of secs. 1, 6, 7 & 12, Recently established by J.B.W. & described in Book D, whence I run, N.89° 58'W., on a true line bet. secs. 1 & 12. Asc.grad.
37.00		Low ridge, N. & S., desc.grad.
40.05		Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap, $\frac{1}{4}$ S 1 in N. and S 12 in S. half; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
44.50		Foot of descent and over rolling land.
80.10		Cor.of secs. 1, 2, 11 & 12, hereinbefore described. Land, rolling. Soil, dry, stoney, 2nd and 3rd rate. No timber. Fair grass.
40.00		N.0° 1'W., on a random line bet. secs. 1 & 2. Set. temp. $\frac{1}{4}$ sec.cor.
80.01		Intersect N. bdry. of Tp. 2 lks. E. of cor.of secs. 1, 2, 35 & 36, as recently established by me & described in Book G, whence I run S.0° 2'E., on a true line bet. secs. 1 & 2. Over rolling land.
40.01		Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap $\frac{1}{4}$ S 2 in W. and S 1 in E. half; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Asc.grad.
68.50		Low ridge, E. & W., desc.grad.
80.01		Cor.of secs. 1, 2, 11 & 12, hereinbefore described. Land, rolling. Soil, dry, stoney, 2nd & 3rd rate. No timber. Fair grass.

Dec. 13, 1912.

Chains	
	Dec. 14, 1912: At 8h.a.m., l.m.t., I set off 23° 11' S. on the decl.arc; 31° 22½' N. on the lat.arc; and determine a meridian with the solar, at the cor. of secs. 2, 3, 34 & 35, on the S. bdry. of the Tp., recently established by me & described in Book G. Whence I run N. 0° 1' W., bet. secs. 34 & 35. Over rolling land. Wire fence, NNW. & SSE. Wire fence, ENE. & WSW. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap, $\frac{1}{4}$ S 34 in W. and S 35 in E. half; raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 26, 27, 34 & 35, marked on brass cap, T 23 S R 30 E in N. half; S 27 in NW., S 26 in NE., S 35 in SE. and S 34 in SW. quad.; raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Land, rolling. Soil, dry, gravelly, 2nd and 3rd rate. No timber. Fair grass.
40.00	S. 89° 59' E., on a random line bet. secs. 26 & 35. Set temp. $\frac{1}{4}$ sec.cor.
79.96	Intersect N. & S. line 7 lks. S. of cor. of secs. 25, 26, 35 & 36, hereinbefore described , whence I run, S. 89° 58' W., on a true line bet. secs. 26 & 35. Over gently rolling land. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap $\frac{1}{4}$ S 26 in N. and S 35 in S. half; raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Cor. of secs. 26, 27, 34 & 35, hereinbefore described. Land, gently rolling. Soil, dry, gravelly, 2nd and 3rd rate. No timber. Fair grass.
1.65	N. 0° 1' W. bet. secs. 26 & 27. Over gently rolling land. Road, NE. & SW.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap, $\frac{1}{4}$ S 27 in W. and S 26 in E. half; raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 22, 23, 26 & 27, marked on brass cap, T 23 S R 30 E in N. half; S 22 in NW., S 23 in NE., S 26 in SE. and S 27 in SW. quad.; raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Land, gently rolling. Soil, dry, gravelly, 2nd and 3rd rate. No timber. Fair grass.
80.00	At this cor., at noon, I set off 23° 13' S. on the decl.arc, and observe the sun on the meridian. The resulting latitude is 31° 24½' N.

Chains	N. 89° 58' E., on a random line bet. secs. 23 & 26. Set temp. $\frac{1}{4}$ sec.cor.
40.00	Intersect N. & S. line 12 lks. S. of cor. of secs. 23, 24, 25 & 26, hereinbefore described , whence I run. S. 89° 57' W., on a true line bet. secs. 23 & 26. Over gently rolling land. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap, $\frac{1}{4}$ S 23 in N. and S 26 in S. half; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Cor. of secs. 22, 23, 26 & 27, hereinbefore described . Land, gently rolling. Soil, dry, gravelly, 2nd and 3rd rate. No timber. Fair grass.
79.94	N. 0° 1' W. bet. secs. 22 & 23. Over gently rolling land. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap $\frac{1}{4}$ S 22 in W. and S 23 in E. half; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 14, 15, 22 & 23, marked on brass cap, T 23 S R 30 E in N. half; S 15 in NW., S 14 in NE., S 23 in SE. and S 22 in SW. quad.; raise a mound of stone, 2 ft. base, 1$\frac{1}{2}$ ft. high, W. of cor. raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Land, gently rolling. Soil, dry, gravelly, 2nd and 3rd rate. No timber. Fair grass.
40.00	N. 89° 57' E., on a random line bet. secs. 14 & 23. Set temp. $\frac{1}{4}$ sec.cor.
79.96	Intersect N. & S. line 5 lks. N. of cor. of secs. 13, 14, 23 & 24, hereinbefore described , whence I run. S. 89° 59' W., on a true line bet. secs. 14 & 23. Over gently rolling land. Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground, on bed-rock, in mound of stone, for $\frac{1}{4}$ sec.cor., marked on brass cap, $\frac{1}{4}$ S 14 in N. and S 23 in S. half; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Cor. of secs. 14, 15, 22 & 23, hereinbefore described . Land, gently rolling. Soil, dry, stoney, 2nd and 3rd rate. No timber. Fair grass.
39.98	Dec. 14, 1912.
79.96	Dec. 15, 1912: At 8h., a.m., 1.m.t., I set off 23° 14' S. on the decl. arc; 31° 25' N. on the latitude arc; and determine a meridian with the solar, at the cor. of secs. 14, 15, 22 & 23, hereinbefore described , whence I run, N. 0° 1' W., bet. secs. 14 & 15. Over undulating land. Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the ground, on bed-rock, in mound of stone, for $\frac{1}{4}$ sec.cor., marked on brass cap, $\frac{1}{4}$ S 15 in W. and S 14 in E. half; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Set an iron post, 3 ft. long, 2 ins. in dia., 20 ins. in the ground, on bed-rock, in mound of stone, for cor. of secs. 10, 11, 14 & 15, marked on brass cap,
40.00	
80.00	

	Chains	T 23 S R 30 E in N.half; S 10 in NW., S 11 in NE., S 14 in SE.and S 15 in SW.quad.; raise a mound of stone, 2 ft.base, 1½ ft.high, W.of cor. Land, gently undulating. Soil, dry, gravelly, 2nd and 3rd rate. No timber. Good grass.
40.00		N.89° 59'E., on a random line bet. secs. 11 & 14. Set temp. $\frac{1}{4}$ sec.cor.
80.00		Intersect N. & S. line 7 lks. N. of cor. of secs. 11, 12, 13 & 14, hereinbefore described , whence I run, N.89° 58'W., on a true line bet. secs. 11 & 14. Over rolling land.
40.00		Set an iron post, 3 ft.long, 1 in.in dia., 20 ins.in the ground, on bed-rock, in mound of stone, for $\frac{1}{4}$ sec.cor., marked on brass cap, $\frac{1}{4}$ S 11 in N.and S 14 in S.half; raise a mound of stone, 2 ft.base, 1½ ft.high, N.of cor. Cor. of secs. 10, 11, 14 & 15, hereinbefore described . Land, rolling. Soil, dry, stoney, 2nd and 3rd rate. No timber. Fair grass.
80.00		N.0° 1'W., bet. secs. 10 & 11. Over rolling land, ascending. Low ridge, NW.& SE. Desc. Set an iron post, 3 ft.long, 1 in.in dia., 18 ins.in the ground, on bed-rock, in mound of stone, for $\frac{1}{4}$ sec.cor., marked on brass cap, $\frac{1}{4}$ S 10 in W.and S 11 in E.half; raise a mound of stone, 2 ft.base, 1½ ft.high, W.of cor. Asc. Rim of crater, NW.& NE., and descend into crater. Bottom of small crater. Set an iron post, 3 ft.long, 2 ins.in dia., 20 ins.in the ground, on bed-rock, in mound of stone, for cor. of secs. 2, 3, 10 & 11, marked on brass cap, T 23 S R 30 E in N.half; S 3 in NW., S 2 in NE., S 11 in SE.and S 10 in SW.quad.; raise a mound of stone, 2 ft.base, 1½ ft.high, W.of cor. Land, rolling, rough. Soil, dry stoney, 3rd rate. No timber. Fair grass. At this cor., at noon, I set off .23° 16'S.on the decl.arc, and observe the sun on the meridian. The resulting latitude is 31° 27'N.
40.00		S.89° 58'E., on a random line bet. secs. 2 & 11. Set temp. $\frac{1}{4}$ sec.cor.
79.98		Intersect N. & S. line at cor. of secs. 1, 2, 11 & 12, Thence I run hereinbefore described ,
39.99		N.89° 58'W., on a true line bet. secs. 2 & 11. Over rolling land. Set an iron post, 3 ft.long, 1 in.in dia., 16 ins.in the ground, on bed-rock, in mound of stone, for $\frac{1}{4}$ sec.c.or., marked on brass cap, $\frac{1}{4}$ S 2 in N.and S 11 in S.half; raise a mound of stone, 2 ft.base, 1½ ft.high, N.of cor. Asc. Top of rim of crater, N.& S., desc. Foot of descent, and in crater.
59.00		
68.50		
71.00		

Chains 79.98	Cor. of secs. 2, 3, 10 & 11, hereinbefore described. Land, rolling, rough. Soil, dry, stoney, 3rd rate. No timber. Poor grass.
40.00	N.0° 1'W., on a random line bet. secs. 2 & 3. Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. bdry. of Tp. 2 lks. E. of cor. of secs. 2, 3, 34 & 35, Recently estab. by me & described in Book G, S.0° 2'E., on a true line bet. secs. 2 & 3. Over rolling land, ascending.
19.00	Ridge E. & W., and desc.
26.00	Foot of descent.
40.02	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 3 in W. and S 2 in E. half; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
68.00	Asc.
73.00	Rim of crater and desc.
76.00	Bottom of crater.
80.02	Cor. of secs. 2, 3, 10 & 11, hereinbefore described. Land, rolling. Soil, dry, stoney, 3rd rate. No timber. Poor grass.

Dec. 15, 1912.

8.00	Dec. 30, 1912: At 8h., a.m., l.m.t., I set off 23° 7' S. on the decl. arc; 31° 22 $\frac{1}{2}$ ' N. on the lat. arc; and determine a meridian with the solar, at the cor. of secs. 3, 4, 33 & 34 on the S bdry of the Tp., recently estab. by me & described in Book G. Thence I run
21.00	N.0° 2'W., bet. secs. 33 & 34. Over rolling land, ascending grad.
24.00	Ridge, NW. & SE., desc. grad.
40.00	Enter draw, course SE. Wash, 10 lks. wide, course SE. Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground, on bed-rock, in mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 33 in W. and S 34 in E. half; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
40.90	Road, SSW. & NNE.
45.00	Wash, 10 lks. wide, course SE.
54.00	Same wash, course SW.
60.20	Same wash, course SE.
66.00	Leave draw, asc. grad.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in the ground, on bed-rock, in mound of stone, for cor. of secs. 27, 28, 33 & 34, marked on brass cap, T 23 S R 30 E in N. half; S 28 in NW., S 27 in NE., S 34 in SE. and S 33 in SW. quad.; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Chains 40.00 80.02	S.89° 59' E., on a random line bet. secs. 27 & 34. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. & S. line 2 lks. N. of cor. of secs. 26, 27, 34 & 35, hereinbefore described , whence I run, N. 89° 58' W., on a true line bet. secs. 27 & 34. Over rolling land. Road, ENE. & WSW. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 27 in N. and S 34 in S. half; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Desc. grad. from cor. Wash, 10 lks wide, course S. Cor. of secs. 27, 28, 33 & 34, hereinbefore described . Land, rolling. Soil, dry, stoney, 2nd and 3rd rate, No timber. Fair grass.
40.00 80.00	N. 0° 2' W., bet. secs. 27 & 28. Over slightly rolling land. Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground, on bed-rock, in mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 28 in W. and S 27 in E. half; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Set an iron post, 3 ft. long, 2 ins. in dia., 16 ins. in the ground, on bed-rock, in mound of stone, for cor. of secs. 21, 22, 27 & 28, marked on brass cap, T 23 S R 30 E in N. half; S 21 in NW., S 22 in NE., S 27 in SE. and S 28 in SW. quad.; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Land, rolling. Soil, dry, stoney, 2nd and 3rd rate. At this cor., at noon, I set off 23° 8' S. on the decl. arc, and observe the sun on the meridian. The resulting latitude is 31° 24' N.
40.00 80.04 25.00 40.02	'S.89° 58' E., on a random line bet. secs. 22 & 27. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. & S. line 5 lks. S. of cor. of secs. 22, 23, 26 & 27. hereinbefore described , whence I run, West, on a true line bet. secs. 22 & 27. Over rolling land. Wash, 15 lks. wide, course S. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 22 in N. and S 27 in S. half; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Cor. of secs. 21, 22, 27 & 28, hereinbefore described . Land, slightly rolling. Soil, dry, stoney, 2nd and 3rd rate. No timber. Fair grass.
40.00 50.00 75.00 80.00	N. 0° 2' W., bet. secs. 21 & 22. Over rolling land. Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground, on bed-rock, in mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 21 in W. and S 22 in E. half; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Asc. Low ridge, E. & W., desc. grad. Set an iron post, 3 ft. long, 2 ins. in dia., 14 ins. in the ground, on bed-rock, in mound of stone, for cor. of secs. 15, 16, 21 & 22, marked on brass cap.

Chains T 23 S R 30 E in N. half;
 S 16 in NW.,
 S 15 in NE.,
 S 22 in SE. and
 S 21 in SW. quad.;
 Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, rolling.
 Soil, dry, stoney, 2nd and 3rd rate.
 No timber. Fair grass.

40.00 East, on a random line bet. secs. 15 & 22.
 Set temp. ¼ sec. cor.
 80.00 Intersect N. & S. line at cor. of secs. 14, 15, 22 & 23,
 ~~hereinbefore described~~, whence I run,
 West, on a true line bet. secs. 15 & 22.
 Over rolling land.
 21.10 Wash, 50 lks. wide, course S., asc. grad.
 26.00 Desc. grad.
 31.90 Wash, 10 lks. wide, course SE.
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the
 ground, on bed-rock, in mound of stone, for ¼ sec. cor.,
 marked on brass cap
 ¼ S 15 in N. and
 S 22 in S. half;
 raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 47.90 Same wash, course NE.
 53.00 Asc. steep.
 74.00 Low ridge, NNW., & SSE., desc. steep.
 80.00 Cor. of secs. 15, 16, 21 & 22, ~~hereinbefore described~~.
 Land, rolling.
 Soil, dry, stoney, 2nd and 3rd rate.
 No timber. Fair grass.

Dec. 30, 1912.

Dec. 31, 1912; At 8h., a.m., l.m.t., I set off 23° 3' S. on the
 decl. arc, 31° 25' N. on the lat. arc; and determine a meridian
 with the solar, at the cor. of secs. 15, 16, 21 & 22,
 ~~hereinbefore described~~, whence I run,
 N. 0° 2' W. bet. secs. 15, & 16.
 Desc. along W. slope of ridge.
 18.80 Wash, 15 lks. wide, course ESE., over rolling land.
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the
 ground, on bed-rock, in mound of stone, for ¼ sec. cor.,
 marked on brass cap
 ¼ S 16 in W. and
 S 15 in E. half;
 raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 14 ins. in the
 ground, on bed-rock, in mound of stone, for cor. of secs.
 9, 10, 15 & 16, marked on brass cap,
 T 23 S R 30 E in N. half;
 S 9 in NW.,
 S 10 in NE.,
 S 15 in SE. and
 S 16 in SW. quad.;
 raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, rolling.
 Soil, dry, stoney, 2nd and 3rd rate.
 No timber. Fair grass.

40.00 East, on a random line bet. secs. 10 & 15.
 Set temp. ¼ sec. cor.
 80.02 Intersect N. & S. line 2 lks. N. of cor. of secs. 10, 11, 14 & 15,
 ~~hereinbefore described~~, whence I run,
 N. 89° 59' W., on a true line bet. secs. 10 and 15.
 Over rolling land.
 40.01 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the
 ground, for ¼ sec. cor., marked on brass cap,
 ¼ S 10 in N. and
 S 15 in S. half;
 raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

Chains

- 80.02 Cor. of secs. 9, 10, 15 & 16, hereinbefore described.
Land, rolling.
Soil, dry, stoney, 2nd and 3rd rate,
No timber. Fair grass.
-
- 40.00 N. 0° 2' W., bet. secs. 9 & 10.
Over gently rolling land.
Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the
ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,
 $\frac{1}{4}$ S 9 in W. and
 S 10 in E. half;
raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Enter scattering mesquite brush, E. & W.
Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the
ground, for cor. of secs. 3, 4, 9 & 10, marked on brass cap,
 T 23 S R 30 E in N. half;
 S 4 in NW.,
 S 3 in NE.,
 S 10 in SE and
 S 9 in SW. quad.;
raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, gently rolling.
Soil, dry, stoney, 2nd and 3rd rate.
No timber. Fair grass.
At this cor., at noon, I set off 23° 4' S. on the decl. arc, and
observe the sun on the meridian. The resulting latitude
is 31° 27' N.
-
- 40.00 S. 89° 59' E., on a random line bet. secs. 3 & 10.
Set temp. $\frac{1}{4}$ sec.cor.
- 80.04 Intersect N. & S. line 5 lks. N. of cor. of secs. 2, 3, 10 & 11.
B. & D. described, whence I run,
N. 89° 57' W., on a true line bet. secs. 3 & 10.
Over rolling, rocky land, in crater.
Asc.
- 15.00 Ridge, rim of crater, N. & S., desc.
- 20.00 Asc.
- 23.00 Ridge N. & S., desc.
- 32.20 40.02 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the
ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,
 $\frac{1}{4}$ S 3 in N. and
 S 10 S. half;
raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
Cor. of secs. 3, 4, 9 & 10, hereinbefore described.
Land, rolling, rough.
Soil, dry, rocky, 3rd rate.
No timber. Sparse grass.
-
- 40.00 N. 0° 2' W. on a random line bet. secs. 3 & 4.
Set temp. $\frac{1}{4}$ sec.cor.
- 80.00 Intersect N. bdry. of Tp. at the cor. of secs. 3, 4, 33 & 34.,
The recently established by me & described in Book G, whence I run,
S. 0 2' E., on a true line bet. secs. 3 & 4.
Over gently rolling land.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 20 ins. in the
ground, on bed-rock, in mound of stone, for $\frac{1}{4}$ sec.cor.,
marked on brass cap,
 $\frac{1}{4}$ S 4 in W. and
 S 3 in E. half;
raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Enter scattering mesquite brush, NE. & SW.
Drift fence, NE. & SW.
Cor. of secs. 3, 4, 9 & 10, hereinbefore described.
Land, gently rolling.
Soil, dry, stoney, 2nd and 3rd rate.
No timber. Fair grass.

Dec. 31, 1912.

	Chains	Jan. 1, 1913: At 8h., a.m., l.m.t., I set off 22° 58.'S. on the decl. arc; 31° 22½' N. on the lat. arc; and determine a meridian with the solar, at the cor. of secs. 4, 5, 32 & 33, on the S. bdry of the Tp., recently established by me & described in Book "G". Thence I run N. 0° 2' W., bet. secs. 32 & 33. Over gently undulating land. Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground, on bed-rock, in mound of stone, for ¼ sec. cor., marked on brass cap, + S 32 in W. and S 33 in E. half; raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Set an iron post, 3 ft. long, 2 ins. in dia., 18 ins. in the ground, on bed-rock, in mound of stone, for cor. of secs. 28, 29, 32 & 33, marked on brass cap, T 23 S R 30 E in N. half; S 29 in NW., S 28 in NE., S 33 in SE. and S 32 in SW. quad.; raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Land, gently undulating. Soil, dry, gravelly, 2nd and 3rd rate. No timber. Poor grass.
40.00		S. 89° 59' E., on a random line bet. secs. 28 & 33. Set temp. ¼ sec. cor.
79.98		Intersect N. & S. line 5, 1ks. S. of cor. of secs. 27, 28, 33 & 34. Hereinbefore described, whence I run, S. 89° 59' W., on a true line bet. secs. 28 & 33.
35.00		Over rolling land, through catclaw, greasewood and cacti. Low ridge, N. & S., desc. grad.
39.99		Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground, on bed-rock, in mound of stone, for ¼ sec. cor., marked on brass cap, + S 28 in N. and S 33 in S. half; raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Wash, 10 lks. wide, course SE.
58.00		Cor. of secs. 28, 29, 32 & 33, hereinbefore described. Land, rolling. Soil, dry, gravelly, 3rd rate. No timber. Sparse grass. Greasewood, catclaw and cacti.
15.00		N. 0° 2' W., bet. secs 28 & 29. Over rolling land. Enter draw, course SE.
25.00		Wash, 10 lks. wide, course SE.
34.00		Leave draw,
40.00		Set an iron post, 3 ft. long, 1 in. in dia., 18 ins. in the ground, on bed-rock, in mound of stone, for ¼ sec. cor., marked on brass cap, + S 29 in W. and S 28 in E. half;
52.00		raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Asc. grad. from cor. Ridge, NW. & SE., desc. grad.
74.25		Wash, 10 lks. wide, course SE., asc. grad.
80.00		Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 20, 21, 28 & 29, marked on brass cap, T 23 S R 30 E in N. half; S 20 in NW., S 21 in NE., S 28 in SE. and S 29 in SW. quad.; raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Land, rolling. Soil, dry, gravelly, 2nd and 3rd rate. No timber. Sparse grass. Catclaw and cacti. At this cor. at noon, I set off 22° 59½' S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 31° 24½' N.

Chains	
40.00	N.89° 59'E., on a random line bet. secs. 21 & 28. Set temp. $\frac{1}{4}$ sec.cor.
79.96	Intersect N. & S. line 5 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 gently rolling land. Wash, 10 lks. wide, course S.
18.00	Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground, on bed-rock, in mound of stone, for $\frac{1}{4}$ sec.cor., marked on brass cap,
39.98	$\frac{1}{4}$ S 21 in N. and S 28 in S. half;
79.96	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Cor. of secs. 20, 21, 28 & 29, hereinbefore described . Land, gently rolling. Soil, dry, gravelly, 2nd and 3rd rate. No timber. Fair grass.
40.00	N.0° 2'W. bet. secs. 20 & 21. Over gently rolling land. Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground, on bed-rock, in mound of stone, for $\frac{1}{4}$ sec.cor., marked on brass cap,
80.00	$\frac{1}{4}$ S 20 in W. and S 21 in E. half; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 16, 17, 20 & 21, marked on brass cap, T 23 S R 30 E in N. half; S 17 in NW., S 16 in NE., S 21 in SE. and S 20 in SW. quad.; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, gently rolling. Soil, dry, gravelly, 2nd and 3rd rate. No timber. Fair grass.
40.00	S.89° 59'E., on a random line bet. secs. 16 & 21. Set temp. $\frac{1}{4}$ sec.cor.
80.00	Intersect N. & S. line at cor. of secs. 15, 16, 21 & 22, hereinbefore described , whence I run, N.89° 59'W., on a true line bet. secs. 16 & 21. Desc. steep.
7.50	Wash, 10 lks. wide course NE., asc. steep.
27.00	Ridge, N. & S., desc. steep.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground, on bed-rock, in mound of stone, for $\frac{1}{4}$ sec.cor., marked on brass cap,
57.00	$\frac{1}{4}$ S 16 in N. and S 21 in S. half;
80.00	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Foot of steep descent and over rolling land. Cor. of secs. 16, 17, 20 & 21, hereinbefore described . Land, rolling, rough. Soil, dry, stoney, 2nd and 3rd rate. No timber. Sparse grass.

Jan. 1, 1913.

	Chains	Jan. 2, 1913: At 8h., a.m., l.m.t., I set off 22° 53' S.L. on the decl. arc; 31° 25' N. on the lat. arc; and determine a meridian with the solar, at the cor. of secs. 16, 17, 20 & 21, hereinbefore described, whence I run, N. 0° 2' W., bet. secs. 16 & 17. Over rolling land. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 17 in W. and S 16 in E. half; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Asc. grad. from cor. Drift fence, NE. & SW. Low ridge, NE. & SW., desc. Asc. Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 8, 9, 16 & 17, marked on brass cap, T 23 S R 30 E in N. half; S 8 in NW., S 9 in NE., S 16 in SE. and S 17 in SW. quad.; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Land, rolling. Soil, dry, rocky, 2nd and 3rd rate. No timber. Fair grass.
40.00		S. 89° 59' E., on a random line bet. secs. 9 & 16. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. & S. line 2 lks. S. of cor. of secs. 9, 10, 15 & 16, hereinbefore described, whence I run, West, on a true line bet. secs. 9 & 16. Over rolling, rocky land, ascending. Ridge of lava rock, desc. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 9 in N. and S 16 in S. half; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Asc. grad. from cor. Drift fence, NNE. & SSW. Low ridge, NNE. & SSW., desc. grad. Asc. grad. along S. slope of spur. Desc. grad. Cor. of secs. 8, 9, 16 & 17, hereinbefore described. Land, rolling, rough. Soil, dry, rocky, 3rd rate. No timber. Sparse grass.
40.01		N. 0° 2' W., bet. secs. 8 & 9. Over rolling, rocky, land, asc. grad. Spur, E. & W., desc. grad. Wash, 10 lks. wide, course W., asc. grad. Ridge, E. & W., desc. grad. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 8 in W. and S 9 in E. half; 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 22° 54' S. on the decl. arc, and observe the sun on the meridian. The resulting latitude is 31° 26 $\frac{1}{2}$ ' N. Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 4, 5, 8 & 9, marked on brass cap, T 23 S R 30 E in N. half; S 5 in NW., S 4 in NE., S 9 in SE. and S 8 in SW. quad; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Land, rolling. Soil, dry, stoney, 3rd rate. No timber. Sparse grass.
5.00		
12.00		
20.00		
40.00		
80.00		

Chains	East, on a random line bet. secs. 4 & 9.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect N. & S. line 9 lks. S. of cor. of secs. 3, 4, 9 & 10, hereinbefore described, whence I run,
1.15	S. 89° 56' W., on a true line bet. secs. 4 & 9.
12.00	Over rolling land, through greasewood and catsclaw.
33.00	Drift fence NNE. & SSW.
40.03	Leave greasewood, NE. & SW., and asc. grad. Asc. steep.
	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 4 in N. and S 9 in S. half;
50.00	raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
55.00	Low ridge, N. & S., desc. steep.
80.06	Foot of steep descent. Cor. of secs. 4, 5, 8 & 9, hereinbefore described. Land, rolling. Soil, dry, stoney, 2nd and 3rd rate. No timber. Fair grass.
40.00	N. 0° 2' W., on a random line bet. secs. 4 & 5.
80.12	Set temp. $\frac{1}{4}$ sec. cor. Intersect N. bdry. of Tp. 7 lks. E. of cor. of secs. 4, 5, 32 & 33. Recently established by me & described in Book G, whence I run, S. 0 5'E., on a true line bet. secs. 4 & 5.
40.12	Over rolling land. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 5 in W. and S 4 in E. half;
80.12	raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Cor. of secs. 4, 5, 8 & 9, hereinbefore described. Land, rolling. Soil, dry, rocky, 3rd rate. No timber. Fair grass.
Jan. 2, 1913.	
5.00	Jan. 3, 1913: At 8h., a.m., l.m.t., I set off 22° 47 $\frac{1}{2}$ ' S. on the decl. arc: 31° 22 $\frac{1}{2}$ ' N. on the lat. arc.; and determine a meridian with the solar, at the cor. of secs. 5, 6, 31 & 32, on the S. bdry. of the Tp., recently estab. by me & described in Book G, Whence I run
17.95	N. 0° 3' W., bet. secs. 31 & 32.
18.00	Over rolling land, through scrub mesquite.
40.00	Wash, 10 lks. wide, course E. Wire fence, NW. & SE. Enter draw, course SSE. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 31 in W. and S 32 in E. half;
47.70	dig pits, 18x18x12 ins., N. & S. of post, 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Road, NNW. & SSE.
55.00	Silver creek, 100 lks. wide, course SSE.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 16 ins. in the ground, on bed-rock, in mound of stone, for cor. of secs. 29, 30, 31 & 32, marked on brass cap, T 23 S R 30 E in N. half; S 30 in NW., S 29 in NE., S 32 in SE. and S 31 in SW. quad.;
	raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Land, rolling. Soil, dry, sandy, 2nd and 3rd rate. No timber. Good grass.

Chains	S. 89° 59' E., on a random line bet. secs. 29 & 32.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. & S. line, 9 lks. S. of cor. of secs. 28, 29, 32 & 33, hereinbefore described, whence I run, S. 89° 57' W., on a true line bet. secs. 29 & 32.
40.02	Over rolling land. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 29 in N. and S 32 in S. half; dig pits, 18x18x12 ins., E. & W. of post, 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
60.50	Wire fence, N. & S.
79.00	Enter Silver creek draw, SSE.
80.04	Cor. of secs. 29, 30, 31 & 32, hereinbefore described. Land, rolling. Soil, dry, gravelly, 2nd and 3rd rate. No timber. Scrub mesquite and cacti. Fair grass.
40.00	N. 89° 59' W., on a random line bet. secs. 30 & 31.
92.04	Set temp. $\frac{1}{4}$ sec. cor. Intersect W. bdry. of Tp. 2 lks. S. of cor. of secs. 25, 30, 31 & 36, as recently established by Jessie B. Wright, and by bdry. described in Book G.
52.04	Whence I run S. 89° 58' E., on a true line bet. secs. 30 & 31. Over rolling land. Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground, on bed-rock, in mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 30 in N. and S 31 in S. half; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
54.10	Drift fence, NNE. & SSW., desc.
62.00	Enter Silver creek draw, SSE.
80.20	Road, N. & S.
84.00	Silver creek, dry, 100 lks. wide, course S.
92.04	Cor. of secs. 29, 30, 31 & 32, hereinbefore described. Land, rolling. Soil, dry, stoney, 2nd and 3rd rate. No timber. Fair grass. At this cor., at noon, I set off 22° 48 $\frac{1}{2}$ ' S. on the decl. arc, and observe the sun on the meridian. The resulting latitude is 31° 23 $\frac{1}{2}$ N.
2.00	N. 0° 3' W., bet. secs. 29 & 30. Over rolling land.
4.00	Asc. out of Silver creek bottom.
40.00	Over rolling land, gradually ascending. Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground, on bed-rock, in mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 30 in W. and S 29 in E. half;
59.00	raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
71.40	Wire fence NW. & SE.
80.00	Drift fence, NNE. & SSW. Set an iron post, 3 ft. long, 2 ins. in dia., 14 ins. in the ground, on bed-rock, in mound of stone, for cor. of secs. 19, 20, 29 & 30, marked on brass cap, T R 23 S R 30 E in N. half; B 19 in NW., S 20 in NE., S 29 in SE. and S 30 in SW. quad.; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
	Land, rolling. Soil, dry, stoney, 2nd and 3rd rate. No timber. Catsclaw and cacti. Fair grass.

Chains	N. $89^{\circ}57' E.$, on a random line bet. secs. 20 & 29. Set temp. $\frac{1}{2}$ sec.cor. Intersect N. & S. line 2 lks. N. of cor. of secs. 20, 21, 28 & 29, hereinbefore described , whence I run, S. $89^{\circ}58' W.$, on a true line bet. secs. 20 & 29. Over rolling land. Wash, 10 lks. wide, course SE., asc.grad. Ridge, N. & S., desc.grad. Wash, 15 lks. wide, course S., asc.grad. Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground, on bed-rock, in mound of stone, for $\frac{1}{2}$ sec.cor., marked on brass cap, $\frac{1}{2} S 20$ in N. and S 29 in S. half; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Low ridge, N. & S., desc. Wash, 10 lks. wide, course S., asc. Top of ascent and over nearly level land. Drift fence, NNE. & SSW. Cor. of secs. 19, 20, 29 & 30, hereinbefore described . Land, rolling. Soil, dry, gravelly, 2nd and 3rd rate. No timber. catsclaw and cacti. Fair grass.
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40.00	N. $89^{\circ}58' W.$, on a random line bet. secs. 19 & 30. Set temp. $\frac{1}{2}$ sec.cor. Intersect W. bdry. of Tp. 2 lks. S. of cor. of secs. 19, 24, 25 & 30, hereinbefore described by me & described in Book G, whence I run, S. $89^{\circ}57' E.$, on a true line bet. secs. 19 and 30. Over rolling land, descending. Road, NNW. & SSE. Wash, 15 lks. wide, course SSE., asc. Ridge, N. & S., desc. Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground, on bed-rock, in mound of stone, for $\frac{1}{2}$ sec.cor., marked on brass cap, $\frac{1}{2} S 19$ 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. Enter Silver creek draw, SSE. Road, N. & S. Silver creek, 100 lks. wide, course S. Asc. Top of ascent and over nearly level land. Cor. of secs. 19, 20, 29 & 30, hereinbefore described . Land, rolling. Soil, dry, gravelly, 2nd and 3rd rate. No timber. Fair grass.
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Jan. 3, 1913.

40.00	Jan. 4, 1913: At 8h. a.m., 1.m.t., I set off $22^{\circ}41\frac{1}{2}' S.$ on the decl. arc: $31^{\circ}24\frac{1}{2}' N.$ on the lat. arc; and determine a meridian with the solar, at the cor. of secs. 19, 20, 29 & 30, hereinbefore described , whence I run, N. $0^{\circ}3' W.$, bet. secs. 19 and 20. Over gently rolling land. Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground, on bed-rock, in mound of stone, for $\frac{1}{2}$ sec.cor., marked on brass cap, $\frac{1}{2} S 19$ in W. and S 20 in E. half; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Low ridge, E. & W., desc.grad. Set an iron post, 3 ft. long, 2 ins. in dia., 14 ins. in the ground, on bed-rock, in mound of stone, for cor. of secs. 17, 18, 19 & 20, marked on brass cap, T 23 S R 30 E in N. half; S 18 in NW., S 17 in NE., S 20 in SE. and S 19 in SW. quad.;
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		Chains raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor, Land, gently rolling. Soil, dry, stoney, 2nd and 3rd rate. No timber. Poor grass.
40.00	N. 89° 58' E., on a random line bet. secs. 17 & 20. Set temp. $\frac{1}{4}$ sec. cor.	
79.96	Intersect N. & S. line 2 lks. S. of cor. of secs. 16, 17, 20 & 21, hereinbefore described, whence I run, S. 89° 57' W., on a true line bet. secs. 17 & 20. Over rolling land. Drift fence, NNE. & SSW.	
26.10	Set an iron post, 3 ft. long, 1 in. in dia., 14 ins. in the ground, on bed-rock, in mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,	
39.98	$\frac{1}{4}$ S 17 in N. and S 20 in S. half; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor, Cor. of secs. 17, 18, 19 & 20, hereinbefore described. Land, rolling. Soil, dry, gravelly, 2nd and 3rd rate. No timber. Sparse grass.	
79.96	N. 89° 57' W., on a random line bet. secs. 18 & 19. Set temp. $\frac{1}{4}$ sec. cor.	
40.00	Intersect W. bdry. of Tp., 5 lks. S. of cor. of secs. 13, 18, 19 & 24, hereinbefore established by me & described in Book G, whence I run, S. 89° 55' E., on a true line bet. secs. 18 & 19. Over rolling land.	
30.30	Enter Silver creek draw, course SSE.	
37.30	Silver creek, 150 lks. wide, course SSE.	
40.00	Road, N. & S.	
43.30	Asc. out of draw.	
44.80	Top of ascent and over rolling land	
52.07	Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground, on bed-rock, in mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,	
	$\frac{1}{4}$ S 18 in N. and S 19 in S. half;	
92.07	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Cor. of secs. 17, 18, 19 & 20, hereinbefore described. Land, rolling. Soil, dry, gravelly, 2nd and 3rd rate. No timber. Sparse grass.	
40.00	N. 0° 3' W., bet. secs. 17 & 18. Over rolling land. Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground, on bed-rock, in mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap,	
	$\frac{1}{4}$ S 18 in W. and S 17 in E. half;	
49.25	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor, Low ridge, E. & W., desc. grad.	
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 7, 8, 17 & 18, marked on brass cap, T 23 S R 30 E in N. half; S 7 in NW., S 8 in NE., S 17 in SE. and S 18 in SW. quad.;	
	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. At the $\frac{1}{4}$ sec. cor., at noon, I set off 22° 42' S. on the decl. arc, and observe the sun on the meridian. The resulting latitude is 31° 25' N.	
	Land, rolling. Soil, dry, gravelly, 2nd and 3rd rate. No timber. Fair grass.	

Chains	
40.00	N. 89° 57' E., on a random line bet. secs. 8 & 17. Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect N. & S. line 2 lks. N. of cor. of secs. 8, 9, 16 & 17, hereinbefore described , whence I run, S. 89° 58' W., on a true line bet. secs. 8 & 17. Desc. grad.
17.00	Wash, 10 lks. wide, course S., asc.
39.97	Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 8 in N. and S 17 in S. half; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
54.00	Asc. steep.
79.94	Ridge, NNE. & SSW., desc. steep. Cor. of secs. 7, 8, 17 & 18, hereinbefore described . Land, rolling. Soil, dry, rocky, 2nd and 3rd rate. No timber. Sparse grass.
40.00	N. 89° 55' W., on a random line bet. secs. 7 & 18. Set temp. $\frac{1}{4}$ sec. cor.
92.00	Intersect W. bdry. of Tp., 5 lks. S. of cor. of secs. 7, 12, 13 & 18, recently established by me & described in Book G, whence I run, S. 89° 53' E., on a true line bet. secs. 7 & 18. Over rolling land.
6.00	Silver creek, 150 lks. wide, course SSE.
16.00	House of M. T. Taylor, bears N. 7 chs. dist.
19.85	Road, N. & S.
21.00	House of A. A. Taylor, bears S. 13 chs. dist. Ascend over rolling land.
40.45	Road, N. & S.
46.00	Wash, 10 lks. wide, course S.
52.00	Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground, on bed-rock, in mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 7 in N. and S 18 in S. half; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
92.00	Cor. of secs. 7, 8, 17 & 18, hereinbefore described . Land, rolling. Soil, dry, rocky, 2nd and 3rd rate. No timber. Sparse grass.
Jan. 4, 1913.	
40.00	Jan. 8, 1913: At 8h., a.m., l.m.t., I set off 22° 14' S. on the decl. arc; 31° 26' N. on the lat. arc; and determine a meridian with the solar, at the cor. of secs. 7, 8, 17 & 18, hereinbefore described , whence I run, N. 0° 3' W., bet. secs. 7 & 8. Over rolling land, descending grad.
50.50	Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground, on bed-rock, in mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 7 in W. and S 8 in E. half; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
80.00	Wash, 15 lks. wide, course SW., asc. grad. Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 5, 6, 7 & 8, marked on brass cap, T 23 S R 30 E in N. half; S 6 in NW., S 5 in NE., S 8 in SE. and S 7 in SW. quad.; dig pits 18x18x12 ins., in each sec. 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Land, rolling. Soil, dry, rocky, 2nd and 3rd rate. No timber. Sparse grass.

Chains	N. 89° 58' E., on a random line bet. secs. 5 & 8. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. & S. line 5 lks. N. of cor. of secs. 4, 5, 8 & 9, hereinbefore described , whence I run, West, on a true line bet. secs. 5 & 8. Over rolling land. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 5 in N. and S 8 in S. half; raise amount of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. 59.50 Wash, 10 lks. wide, course S. 79.98 Cor. of secs. 5, 6, 7 & 8, hereinbefore described . Land, rolling. Soil, dry, stoney, 2nd and 3rd rate. No timber; Good grass.
40.00	N. 89° 53' W., on a random line bet. secs. 6 & 7. Set temp. $\frac{1}{4}$ sec. cor. Intersect W. bdry. of Tp. 12 lks. N. of cor. of secs. 1, 6, 7 & 12, recently established by me & described in Book G , whence I run, S. 89° 58' E., on a true line bet. secs. 6 & 7. Asc. grad.
91.94	Ridge, N. & S., desc. grad. Wash, 15 lks. wide, course S. Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 6 in N. and S 7 in S. half; dig pits 18x18x12 ins., E. & W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. 82.00 Road, NE. & SW. 83.90 Wash, 10 lks. wide, course S. 91.94 Cor. of secs. 5, 6, 7 & 8, hereinbefore described . Land, rolling. Soil, dry, gravelly, 2nd and 3rd rate. No timber. Catsclaw and greasewood brush. Fair grass. At this cor., at noon, I set off 22° 13 $\frac{1}{2}$ ' S. on the decl. arc; and observe the sun on the meridian. The resulting latitude is 31° 27' N.
40.00	N. 0° 6' W., on a random line bet. secs. 5 & 6. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. bdry. of Tp. 2 lks. W. of cor. of secs. 5, 6, 31 & 32. recently established by me & described in Book G , whence I run, S. 0° 5' E., on a true line bet. secs. 5 & 6. Over gently rolling land.
80.10	Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground, on bed-rock, in mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 6 in W. and S 5 in E. half; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. 66.00 Road, NE. & SW. 80.10 Cor. of secs. 5, 6, 7 & 8, hereinbefore described . Land, gently rolling. Soil, dry, gravelly, 2nd and 3rd rate. No timber. Catsclaw brush. Fair grass.
40.10	General Description. T. 23 S., R. 30 E., is mostly rolling land, covered with a volcanic tufa. With the exception of a few small areas in Silver creek, the land is not cultivated. The soil is mostly shallow, being from 12 ins. to 2 ft. in depth, over a volcanic rock. M.T. Taylor in sec. 7, and A.A. Taylor in sec. 18, have substantial improvements, consisting of dwellings, corals etc. There is a windmill, corall and house in sec. 32, also a windmill and earthen reservoir in sec. 36. There is no timber, running water or signs of mineral in the Tp.
66.00	Jan. 8, 1913.
80.10	<i>William B. Elliott</i> U. S. Surveyor

123

BOOK 2484

For CERTIFICATE OF ASSISTANTS.

See Book "C"

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

of the _____ Meridian, in the State of _____
which are represented in the foregoing field notes as having been executed by him, and under his direc-
tion; and that said survey has been, in all respects, to the best of our knowledge and belief, well and
faithfully executed.

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

BOOK 2484

See Book "C"

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

of the _____ Meridian, in the State of _____, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

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



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Ariz., Jan. 26, 1914

The foregoing field notes of the survey of _____
Subdivision lines of Township 23 South, Range 30 East,
of the Gila and Salt River Base and Meridian, Arizona,

executed by William H. Elliott, U.S. Surveyor,
under his special instructions dated October 6, 1911, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the
surveys they describe, are hereby approved.

U. S. Surveyor General.

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