

APR 29 1913

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BOOK 2485

FIELD NOTES

OF THE SURVEY OF THE

Subdivision of frac. T. 23 S., R. 32 E.

Of the Gila and Salt River Base and Meridian,

Arizona.

In the State of _____

EXECUTED BY

Jesse B. Wright,

In the capacity of U. S. Surveyor _____, under ^{supplemental} instructions dated November 27, 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, December 5, 1912, pursuant to authority contained in the Act of
Congress dated Aug. 24, 1912

Survey commenced Dec. 19, 1912. 191

Survey completed Dec. 24, 1912. 191

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1A

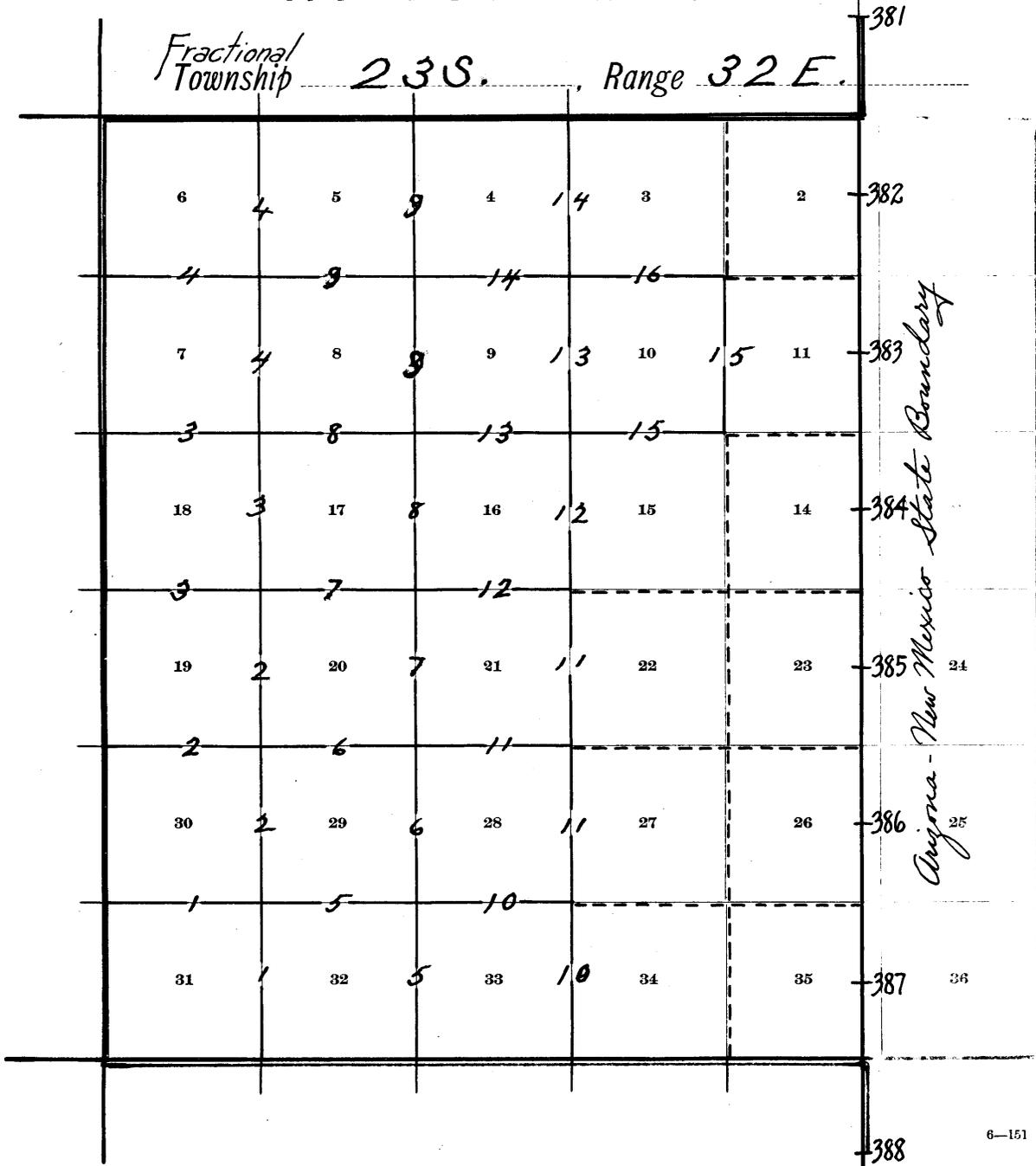
BOOK 2485

INDEX DIAGRAM

*Fractional
Township*

23S.

Range 32E.



- This B. L.
- Unsurveyed.
- Book "D"
- Book "G"

Chains.	
	<p>Survey commenced Dec. 19, 1912, and executed with a Young & Son's light mountain transit No. 8145, as heretofore described, in Book "I"</p> <p>Knowing from recent and repeated tests made on a true meridian established from observation of Polaris, that my instrument is in correct adjustment, I proceed as follows :-</p> <p>At 8h a.m., l.m.t., at the cor. of secs. 5, 6, 31 & 32, On the S. bdy. of the Tp., as recently established by W.H. Elliott, and by him described, in Book "G"</p> <p>I set off 23°22' S. on the decl. arc, and 31°22½' N. on the lat. arc, and determine a meridian with the solar. Thence I run, as per instructions,</p> <p>N. 0° 1' E., bet. secs. 31 & 32.</p>
40.00	<p>Over mts. land, desc. steep NE. slope of limestone hill.</p> <p>Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap,</p> <p>¼ S 31 in W., and S 32 in E. half;</p> <p>raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.</p>
45.00	Foot of hill, brs. NW. & SE., desc. grad.
47.00	Enter draw, course W.
47.43	Road, brs. E. & W.
50.00	House of J.B. Estes brs. W. about 25 chs. dist.
56.50	Junction of draws from E. & NNE., course W.
57.00	Leave draw, asc. grad., through dense greasewood, sage brush, mesquite brush.
80.00	<p>Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 29, 30, 31 & 32, marked on brass cap, T 23 S R 32 E, in N. half,</p> <p>S 30 in NW., S 29 in NE., S 32 in SE., and S 31 in SW. quad. ;</p> <p>raise a mound of stone 2 ft. base, 1½ ft. high W. of cor. Land, mts., rolling. Soil, 3rd rate, gravelly, stony, dry. Mesquite, greasewood, sage brush, cacti, sparse grass.</p>
40.00	West, on a random line, bet. secs. 30 & 31.
79.96	<p>Set temp. ¼ sec. cor.</p> <p>Intersect W. bdy. of Tp. 2 lks. N. of cor. of secs. 25, 30, 31 & 36, recently estab. by me, & described in Book "D" whence I run, N. 89°59' E., on a true line, bet. secs. 30 & 31.</p> <p>Over rolling, broken land, through dense greasewood, and sage brush.</p>
39.98	<p>Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap,</p> <p>¼ S 30 in N., and S 31 in S. half;</p> <p>raise a mound of stone 2 ft. base, 1½ ft. high N. of cor. Asc. from cor.</p>
53.00	Top of S. side of small volcanic butte, apex is 8 chs. N. of line, brs. N. & S., desc. grad.
62.00	Foot of slope, brs. NNE. & SSW.,
65.50	Enter draw, course S.
70.35	Road, brs. N. & S.
74.00	Leave draw, asc. grad.
79.96	<p>To cor. of secs. 29, 30, 31 & 32, heretofore described. Land, rolling, broken. Soil, 3rd rate, gravelly, dry. Sage brush, cacti, greasewood, sparse grass.</p>

Chains.	N. 0° 1' E., bet. secs. 29 & 30. Over rolling land, desc. grad.
1.30	Enter draw, course W.
4.25	Leave draw, asc. grad.
14.25	Centre of draw 2 chs. wide, course W.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 10 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; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
42.00	Enter draw, course SW.
55.04	Road, brs. NE. & SW.
61.00	Leave draw, asc. grad.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 19, 20, 29 & 30, marked on brass cap, T 23 S R 32 E, in N. half, S 19 in NW., S 20 in NE., S 29 in SE., and S 30 in SW. quad.; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
	Land, rolling, broken. Soil, 3rd rate, gravelly, dry. Greasewood, mesquite and other brush, fair grass.
40.00	S. 89° 59' W., on a random line, bet. secs. 19 & 30. Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect West bdy. of T 2 lks. S. of cor. of secs. 19, 24, 25 & 30, recently estab. by me & described in Book D, whence I run East, on a true line, bet. secs. 19 & 30. Over rolling land, asc. grad.
19.00	Top of rise, brs. SW. & NE.
39.99	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 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.
59.38	Road, brs. N. & S.
61.00	Wash, 30 lks. wide, course S. Enter dense brush.
79.98	To cor. of secs. 19, 20, 29 & 30. hereinafter described. At this cor. at noon, I set off 23° 24 $\frac{1}{2}$ ' S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 31° 24 $\frac{1}{2}$ ' N. Land, rolling. Soil, 3rd rate, gravelly, dry. Sage brush, greasewood, mesquite, cacti, sparse grass.
10.60	N. 0° 1' E., bet. secs. 19 & 20. Over rolling land, through dense greasewood & sage brush.
40.00	Road, brs. NE. & SW., asc. grad. Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 19 in W., and S 20 in E. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
50.00	Top of rise, brs. W. & E., desc.
64.05	Wash, 20 lks. wide, course W., asc. grad.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 17, 18, 19 & 20, marked on brass cap, T 23 S R 32 E, in N. half, S 18 in NW., S 17 in NE., S 20 in SE., and S 19 in SW. quad.; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
	Land, rolling, broken. Soil, 3rd rate, gravelly, dry. Sage brush, greasewood, cacti, fair grass.

Subdivision of frac. T. 23 S., R. 32 E.

Chains.	West, on a random line, bet. secs. 18 & 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect W. bdy. of Tp. 2 lks. N. of cor. of secs. 19, 28, 19 & 24, recently estab. by me & described in Book D, whence I run, N. 89°59' E., on a true line, bet. secs. 18 & 19 . Over heavily rolling land.
38.75	Wash, 15 lks. wide, course SW., asc.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 18 in N., and S 19 in S. half; raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
51.00	Spur, brs. SSW. & NNE., desc.
60.22	Wash, 15 lks. wide, course SW., asc.
70.00	Spur, brs. S. & N., desc.
80.00	To cor. of secs. 17, 18, 19 & 20, heretofore described. Land, rolling, broken. Soil, 3rd rate, gravelly, dry. Sage brush, greasewood, cacti, fair grass.
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	N. 0° 1' E., bet. secs. 17 & 18. Over rolling land, asc. grad.
32.00	Spur, brs. NE. & SW., desc. NW. 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, $\frac{1}{4}$ S 18 in W., and S 17 in E. half; raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
43.00	Head of wash, 10 lks. wide, course W., asc. steep.
61.00	Spur, brs. W. & E., desc. grad.
70.00	Head of drain, course W., asc.
79.00	Desc. steep, from top of ridge, brs. SE. & NW.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 7, 8, 17 & 18, marked on brass cap, T 23 S R 32 E, in N. half; S 7 in NW., S 8 in NE., S 17 in SE., and S 18 in SW. quad.; raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor. Land, rolling, mts., broken. Soil, 3rd rate, gravelly, dry. Greasewood, sage brush, cacti, fair grass.
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	S. 89°59' W., on a random line, bet. secs. 7 & 18.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect W. bdy. of Tp. 7 lks. N. of cor. of secs. 7, 12, 13 & 18, recently estab. by me & described in Book D, whence I run, N. 89°56' E., on a true line, bet. secs. 7 & 18. Over rolling land, asc. W. point of ridge.
30.00	Asc. grad.
40.02	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 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.
44.00	Ridge, brs. NE. & SW., desc.
65.00	Head of gulch, course SSW., asc. grad.
78.00	Ridge, brs. WNW. & ESE., desc.
80.04	To cor. of secs. 7, 8, 17 & 18, heretofore described. Land, mts., rolling. Soil, 3rd rate, gravelly, dry, stony. Greasewood, cacti, mesquite, sage brush, fair grass. Dec. 19, 1912.

Subdivision of frac. T. 23 S., R. 32 E.

Chains.	
	Dec. 21, 1912. (hereinbefore described, At 8h a.m., l.m.t., at the cor. of secs. 7, 8, 17 & 18, I set off 23°24' S. on the decl. arc, and 31°26' N. on the lat. arc, and determine a meridian with the solar. Thence I run, N. 0° 1' E., bet. secs. 7 & 8. Over mts. land, desc. steep.
14.00	Foot of slope, brs. NW. & SE.
15.68	Road, brs. ESE. & NW.
24.80	Sycamore creek, (dry), 150 lks. wide, course W.,
25.00	House of John Walker brs. West, about 15 chs. dist. asc.
35.00	Ridge, brs. W. & E., desc.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 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. Desc. WNW. slope from cor.
61.30	Wash, 30 lks. wide, course SW., asc. grad.
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 23 S R 32 E, in N. half, S 6 in NW., S 5 in NE., S 8 in SE., and S 7 in SW. quad.; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, mts., broken. Soil, 3rd rate, gravelly, stony, dry. Sparse mesquite, sage brush, greasewood, cacti, fair grass.
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	S. 89°56' W., on a random line, bet. secs. 6 & 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.10	Intersect W. bdy. of Tp. 5 lks. N. of cor. of secs. 1, 6, 7 & 12, recently established by me & described in Book D, whence I run, N. 89°54' E., on a true line, bet. secs. 6 & 7. Over rolling land.
18.30	Road, brs. NE. & SW.
23.00	School house in flat of Cottonwood creek, brs. S. 175 lks. dist.
25.28	Road, brs. NE. & SW.
30.82	Cottonwood Creek, 1 ch. wide, course WSW., (dry).
39.80	Road, brs. N. & S.
40.05	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 6 in N., and S 7 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
64.00	Asc. grad.
80.10	To cor. of secs. 5, 6, 7 & 8, hereinbefore described. Land, rolling. Soil, 3rd rate, gravelly, sandy, loose, dry. Greasewood, mesquite, good grass.
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	N. 0° 1' E., on a random line, bet. secs. 5 & 6.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect N. bdy. of Tp. 9 lks. E. of cor. of secs. 5, 6, 31 & 32, recently established by me & described in Book D, whence I run, S. 0° 3' E., on a true line, bet. secs. 5 & 6. Over rolling, broken land, desc. steep.
19.60	Cottonwood creek, 100 lks. wide, course WSW., road in same., asc.
21.00	Along W. slope.
39.92	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 6 in W., and S 5 in E. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
48.00	Wash, 20 lks. wide, course W., road in same., asc.
72.00	Ridge, brs. W. & E., desc.
79.92	To cor. of secs. 5, 6, 7 & 8, hereinbefore described. Land, rolling, mts. Soil, 3rd rate, stony. Fair grass.

Chains.

Dec. 20, 1912.
 At 8h a.m., l.m.t., at the cor. of secs. 4, 5, 32 & 33, on the S. bdy. of the Tp., as recently established by W.H. Elliott, and by him described, in Book "G"
 I set off 23°23' S. on the decl. arc, and 31°22½' N. on the lat. arc, and determine a meridian with the solar. Thence I run,
 N. 0° 1' E., bet. secs. 32 & 33,
 Over heavily rolling, broken land, through dense greasewood, catclaw, mesquite, sage brush, cacti.
 3.80 Wood road, brs. E. & W.
 13.00 Wash, 20 lks. wide, course WSW.
 20.00 Wash, 20 lks. wide, course WSW.
 27.50 Wash, 20 lks. wide, course WSW.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap, ¼ S 32 in W., and S 33 in E. half;
 raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.
 57.20 Wash, 15 lks. wide, course W.
 71.50 Wash, 50 lks. wide, course W.
 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 23 S R 32 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, rolling, broken.
 Soil, 3rd rate, gravelly, dry.
 Sage brush, greasewood, mesquite and other brush.

West, on a random line, bet. secs. 29 & 32.
 40.00 Set temp. ¼ sec. cor.
 79.98 Intersect N. & S. line 4 lks. N. of cor. of secs. 29, 30, 31 & 32, hereinbefore described, whence I run, N. 89°58' E., on a true line, bet. secs. 29 & 32.
 Over rolling land, through dense greasewood, and other brush, asc.
 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, ¼ S 29 in N., and S 32 in S. half;
 raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.
 57.55 Wash, 15 lks. wide, course SW.
 62.40 Wash, 10 lks. wide, course SW.
 79.98 To cor. of secs. 28, 29, 32 & 33, hereinbefore described.
 Land, rolling heavily, broken.
 Soil, 3rd rate, gravelly, dry.
 Sage brush, cacti, greasewood, catclaw, mesquite, fair grass.

Chains.

	N. 0° 1' E., bet. secs. 28 & 29.
	Over rolling, broken land, asc. grad. along W. slope.
10.00	Spur, brs. W. & E., desc.
16.00	Head of wash, 20 lks. wide, course SW.
38.50	Head of wash, 10 lks. wide, course WSW.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 29 in W., and S 28 in E. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
49.50	Wash, 10 lks. wide, course NW.
72.85	Wash, 10 lks. wide, course WSW.
75.00	Desc. steep.
79.40	Wash, 35 lks. wide, course W., asc.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 20, 21, 28 & 29, marked on brass cap, T 23 S. R 32 E, in N. half, S 20 in NW., S 21 in NE., S 28 in SE., and S 29 in SW. quad.; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, broken, mts. Soil, 3rd rate, gravelly, stony, dry. Scattering mesquite, greasewood, cacti, fair grass.
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	S. 89°58' W., on a random line, bet. secs. 20 & 29.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect cor. of secs. 19, 20, 29 & 30, hereinbefore described ^{whence I run,}
	N. 89°58' E., on a true line, bet. secs. 20 & 29. Over heavily rolling land.
20.50	Road, brs. NW. & SE.
29.00	Wash, 40 lks. wide, course SW.
38.00	Same wash, course NW.
39.98	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap. $\frac{1}{4}$ S 20 in N., and S 29 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
53.10	Same wash as above, course WSW.
73.00	Road, brs. WNW. & ESE., along meanderseof same.
75.00	Same wash as above, course WNW., road to ENE.
79.96	To cor. of secs. 20, 21, 28 & 29, hereinbefore described . Land, rolling, broken. Soil, 3rd rate, gravelly, dry. Sage brush, cacti, greasewood, fair grass. At this cor., at noon, I set off $23^{\circ}25\frac{1}{2}'$ S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $31^{\circ}24\frac{1}{2}'$ N.

Subdivision of frac. T. 23 S., R. 32 E.

Chains.

- N. 0° 1' E., bet. secs. 20 & 21.
Over heavily rolling land, asc. through dense cacti, scrub oak, greasewood, and other brush.
- 5.00 Road, brs. E. & WSW.
- 30.00 Gulch, 35 lks. wide, course W. asc. steep.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 10 ins. in the ground, on ledge of rock, for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 20 in W., and
S 21 in E. half;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. desc.
- 52.00 Gulch, 30 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. 16, 17, 20 & 21, marked on brass cap, T 23 S R 32 E, in N. half,
S 17 in NW.,
S 16 in NE.,
S 21 in SE., and
S 20 in SW. quad.;;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, rolling, mts., broken.
Soil, 3rd rate, gravelly, stony, dry, loose.
Greasewood, mesquite, and other dense brush, fair grass.

- 40.00 S. 89°58' W., on a random line, bet. secs. 17 & 20.
Set temp. $\frac{1}{4}$ sec. cor.
- 79.94 Intersect N. & S. line 2 lks. N. of cor. of secs. 17, 18, 19 & 20, ~~hereinbefore described~~, whence I run, N. 89°57' E., on a true line, bet. secs. 17 & 20.
Over broken, rolling land, desc. grad.
- 1.50 Wash, 20 lks. wide, course SSE.
- 7.30 Wash, 15 lks. wide, course S., asc. 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,
 $\frac{1}{4}$ 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.
- 41.00 Top of spur, brs. SW. & NNE., desc.
- 55.00 Wash, 20 lks. wide, course S.,
- 70.00 Wash, 30 lks. wide, course SSE., asc. grad.
- 79.94 To cor. of secs. 16, 17, 20 & 21, ~~hereinbefore described~~.
Land, rolling, broken. Soil, 3rd rate, gravelly, dry.
Greasewood, caeti, mesquite, good grass.

Chains.

N. 0° 1' E., bet. secs. 16 & 17.
 Over mts. land, asc. SW. slope.
 20.00 Spur, brs. W. & E., desc.
 31.00 Gulch, 50 lks. wide, course W., asc. steep.
 38.00 Main ridge, brs. W. & E., desc. grad.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 10 ins. in
 the ground, in mound of stone on bed-rock, for
 ¼ sec. cor., marked on brass cap,
 ¼ S 17 in W., and
 S 16 in E. half;
 raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.
 Desc. NE. slope from cor.
 71.00 Cross spur, brs. NNE. & SSW., desc. grad.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 8, 9, 16 & 17, marked on
 brass cap, T 23 S R 32 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, 1½ ft. high W. of cor.
 Land, mts., broken.
 Soil, 3rd rate, gravelly, stony.
 Cacti, sage brush, good grass.

S. 89°57' W., on a random line, bet. secs. 8 & 17.
 40.00 Set temp. ¼ sec. cor.
 79.98 Intersect N. & S. line 5 lks. S. of cor. of
 secs. 7, 8, 17 & 18, ~~hereinbefore described~~, whence I run,
 N. 89°59' E., on a true line, bet. secs. 8 & 17.
 Over mts. land, desc. NNE. slope, through scattering
 oak brush and greasewood.
 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,
 ¼ S 8 in N., and
 S 17 in S. half;
 raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.
 44.00 Sycamore Creek, 80 lks. wide, course NW., asc.
 45.00 House of J.W. McDonald brs. N. 5 chs. dist.
 49.00 Sycamore creek, 80 lks. wide, course WSW., (-dry).
 60.00 Asc.
 70.00 Windmill and tank, brs. N. 5 chs. dist.
 79.98 To cor. of secs. 8, 9, 16 & 17, ~~hereinbefore described~~.
 Land, broken, rolling, mts.
 Soil, 3rd rate, gravelly, stony, dry.
 Scrub oak, cacti, greasewood, mesquite, cottonwood in
 creek.

Dec. 20, 1912.

Dec. 21, 1912. ~~hereinbefore described~~,
 At 1h p.m., l.m.t., at the cor. of secs. 8, 9, 16 & 17,
 I set off 23°26'S. on the decl. arc, and 31°26'N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,

Chains.	
	N. 0° 1' E., bet. secs. 8 & 9. Over mts. land, desc. steep.
3.15	Sycamore creek, 2 chs. wide, course W., asc. grad.
5.05	Road, brs. E. & W.
35.00	Wash, 20 lks. wide, course WSW., asc. steep.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 8 in W., and S 9 in E. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
60.00	Ridge, brs. W. & E., desc. steep.
65.00	Head of wash, course WNW. asc.
67.50	Spur, brs. W. & E., desc.
72.00	Wash, 20 lks. wide, course W., asc.
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 23 S R 32 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, broken, mts. Soil, 3rd rate, stony, dry. Scrub oak, cacti, fair grass.
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40.00	S. 89° 59' W., on a random line, bet. secs. 5 & 8. Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. & S. line 2 lks. S. of cor. of secs. 5, 6, 7 & 8, herebefore described , whence I run, East, on a true line, bet. secs. 5 & 8. Over mts. land, along S. slope of ridge, desc.
12.00	Gulch, 10 lks. wide, course SSE., thence over broken valley.
40.01	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 5 in N., and S 8 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
60.00	Wash, 50 lks. wide, course S.
80.02	To cor. of secs. 4, 5, 8 & 9. herebefore described Land, mts., broken, rolling. Soil, 3rd rate, stony, gravelly, dry. Scrub oak, cacti, mesquite, and other brush, good grass.
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40.00	N. 0° 3' W., on a random line, bet. secs. 4 & 5. Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect N. bdv. of Tp. 2 lks. E. of cor. of secs. 4, 5, 32 & 33, recently estab. by me & described in Book D, whence I run, S. 0° 4' E., on a true line, bet. secs. 4 & 5. Over mts. land, desc. steep.
7.00	Gulch, 30 lks. wide, course W., asc. prec.
39.00	Ridge, brs. E. & W., desc. grad.
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, $\frac{1}{4}$ S 5 in W., and S 4 in E. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
46.00	Desc. prec.
x 21.00	Gulch, 25 lks. wide, course W., asc. steep.
66.00	Spur, brs. WSW. & ENE., desc. steep.
79.94	To cor. of secs. 4, 5, 8 & 9, herebefore described. Land, mts., broken. Soil, 3rd rate, stony, dry. Scrub oak, cacti, good grass.

x61.00

Dec. 21, 1912.

Chains.	Dec. 22, 1912. At 8h a.m., l.m.t., at the cor. of secs. 3, 4, 33 & 34, on the S. bdy. of the Tp., as recently established by W.H. Elliott, and by him described in Book "G" I set off $23^{\circ}23\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ}22\frac{1}{2}'$ N. on the lat. arc, and determine a meridian with the solar. Thence I run, N. $0^{\circ}2'$ E., bet. secs. 33 & 34. Over mts. land, desc. NE. slope, through dense greasewood and sage brush.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 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.
52.20	Wash, 10 lks. wide, course ESE., asc. grad.
68.00	Head of gulch, course SSW., asc. steep.
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 23 S R 32 E, in N. half, S 28 in NW., S 27 in NE., S 34 in SE., and S 33 in SW. quad.; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, mts., Soil, 3rd rate, stony, gravelly, dry. Greasewood, sage brush, cacti, good grass.
40.00	West, on a random line, bet. secs. 28 & 33. Set temp. $\frac{1}{4}$ sec. cor.
80.08	Intersect N. & S. line at cor. of secs. 28, 29, 32 & 33, hereinbefore described , whence I run, East, on a true line, bet. secs. 28 & 33. Over mts. land, asc.
22.00	Spur, brs. S. & N., from limestone ledge, desc.
32.00	Gulch, 30 lks. wide, course S., asc. broken limestone ledges.
40.04	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 28 in N., and S 33 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. Cor. on contact between sandstone and limestone ledges.
46.00	Spur, brs. S. & N., desc.
49.00	Gulch, 30 lks. wide, course NNW., asc. steep.
57.00	Top of N. end of spur, brs. N. & S., desc.
62.30	Gulch, 40 lks. wide, course NNW., asc. steep, over granite ledge.
74.00	Asc. grad.
80.08	To cor. of secs. 27, 28, 33 & 34, hereinbefore described. Land, mts., broken. Soil, 3rd rate, stony, gravelly. dry. Sage brush, greasewood, cacti, fair grass. At this cor., at noon, I set off $23^{\circ}25\frac{1}{2}'$ S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $31^{\circ}23\frac{1}{2}'$ N.

Chains.

N. 0° 2' E., bet. secs. 27 & 28.
 Over mts. land, asc. steep.
 4.00 Top of high rocky ridge, brs. WNW. & NE., desc. steep, through dense scrub oak.
 19.71 Head of gulch, course NW.,
 25.00 Desc. grad.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ 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.
 43.00 Along long broken W. slope.
 50.00 Asc. steep.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 21, 22, 27 & 28, marked on brass cap, T 23 S R 32 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, mts., broken.
 Soil, 3rd rate, stony, dry.
 Scrub oak, greasewood, cacti, sparse grass.

West, on a random line, bet. secs. 21 & 28.
 40.00 Set $\frac{1}{4}$ sec. cor.
 80.16 Intersect N. & S. line 5 lks. S. of cor. of secs. 20, 21, 28 & 29, ~~hereinbefore described~~, whence I run, S. 89° 58' E., on a true line, bet. secs. 21 & 28. Over broken rolling land.
 1.50 Wash, 40 lks. wide, course WSW.
 6.00 House of E. S. Renner brs. N. 4 chs. dist.
 16.00 Well, 4 chs. N.
 21.10 Wash, 30 lks. wide, course NW., asc. grad.
 40.08 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 21 in N., and S 28 in S. half; raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
 60.00 Asc. steep SW. slope.
 71.00 Granite ledge, 50 ft. high, brs. NE. & SW.
 80.16 To cor. of secs. 21, 22, 27 & 28, ~~hereinbefore described~~. Land, mts., rough. Soil, 3rd rate, stony. Scrub oak, cacti, sparse grass.

N. 0° 2' E., bet. secs. 21 & 22.
 Over mts. land, asc.
 4.00 Ridge, brs. W. & SE., desc. steep.
 22.00 Gulch, 20 lks. wide, course NW., asc. steep.
 38.00 Top of rocky spur, brs. W. & E., desc. steep.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 21 in W., and S 22 in E. half; raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
 44.00 Gulch, 20 lks. wide, course W., asc.
 48.00 Spur, brs. E. & W., desc.
 57.50 Gulch, 30 lks. wide, course WNW., asc.
 60.00 Spur, brs. W. & E., desc.
 71.37 Gulch, 20 lks. wide, course WSW., asc. steep.
 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 23 S R 32 E, in N. half, S 16 in NW., S 15 in NE., S 22 in SE., & S 21 in SW. quad.; raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
 Land, rolling, mts. Soil, 3rd rate, stony, Scrub oak, cacti.
 Dec. 22, 1912.

Chains.	
	Dec. 23, 1912. Stormy in forenoon.
	At 1h .p.m., l.m.t., at the cor. of secs. <u>hereinbefore described</u> 15, 16, 21 & 22, I set off 23°25' S. on the decl. arc, and 31°25' N. on the lat. arc, and determine a meridian with the solar, thence I run, N. 89°58' W., on a random line, bet. secs. 16 & 21.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.14	Intersect N. & S. line 5 lks. N. of cor. of secs. 16, 17, 20 & 21, whence I run, East, on a true line, bet. secs. 16 & 21. Over mts. land, asc.
11.00	Spur, brs. S. & N., desc.
25.70	Gulch, 30 lks. wide, course S., asc.
28.00	Spur, brs. S. & N., desc.
34.70	Gulch, 20 lks. wide, course S., asc.
40.07	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 16 in N., and S 21 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
46.00	Spur, brs. S. & N., desc.
57.43	Gulch, 30 lks. wide, course SW., asc.
76.00	Spur, brs. S. & N., desc.
80.14	To cor. of secs. 15, 16, 21 & 22, hereinbefore described. Land, mts., broken. Soil, 3rd rate, stony, dry. Sparse cacti, fair grass.
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	N. 0° 2' E., bet. secs. 15 & 16.
	Over mts. land, asc. SE. slope, steep.
12.00	Ridge, brs. W. & E., desc. steep.
22.00	Gulch, 20 lks. wide, course WNW., near head, asc. steep.
34.00	Ridge, brs. WNW. & SE., desc. steep.
35.45	Wire fence, brs. WNW. & ESE., desc. steep.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 16 in W. and S 15 in E. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
59.00	Gulch, 60 lks. wide, course NW., asc. grad.
80.00	Top of NW. point of flattened ridge, brs. NW. & SE. 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 23 S R 32 E, in N. half, S 9 in NW., S 10 in NE., S 15 in SE., and S 16 in SW. quad.; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor., from which, An oak tree 15 ins. diam. brs. N. 8 $\frac{1}{2}$ ° W. 108 lks. dist., marked T 23 S R 32 E S 9 B T. An oak tree 12 ins. diam. brs. N. 69° E. 184 lks. dist., marked T 23 S R 32 E S 10 B T. No other trees available. Land, mts., broken. Soil, 3rd rate, stony, dry. Scrub oak, cacti, few oak trees.
	Dec. 23, 1912.

Chains. Dec. 24, 1912. (hereinbefore described)
 At ~~80~~ ⁸¹ ~~am~~ ^{am}, l.m.t., at the cor. of secs. 9, 10, 15 & 16,
 I set off 23°22' S. on the decl. arc, and 31°26' N. on
 the lat. arc, and determine a meridian with the solar.
 Thence I run,
 West, on a random line, bet. secs. 9 & 16.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.12 Intersect cor. of secs. 8, 9, 16 & 17, whence I run,
 East, on a true line, bet. secs. 9 & 16.
 Over mts. land, desc.
 6.00 Enter Sycamore draw.
 17.00 Sycamore creek, 1 ch. wide, course WNW.
 22.75 Road, brs. WNW. & ESE.
 38.06 Same road, brs. SW. & NE.
 40.06 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 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.,
 from which,
 A sycamore tree 14 ins. diam. brs. S. 4° E. 134 lks. dist.,
 marked $\frac{1}{4}$ S 16 B T.
 40.50 Wash, 30 lks. wide, course S.
 51.76 Wire fence, brs. NNE. & SSW.
 57.38 Road, brs. NW. & SE.
 58.50 Road, brs. NE. & SW.
 62.00 Sycamore creek, (dry) 3 chs. wide, course SW.
 65.50 Sycamore creek, course NW., asc. grad.
 66.00 House of Lee Ramsay, brs. N. 4 chs. dist., asc.
 76.00 Top of hill, brs. N. & S., desc.
 80.12 To cor. of secs. 9, 10, 15 & 16, hereinbefore described.
 Land, mts., broken.
 Soil, 3rd rate, stony, dry, sandy, loose.
 Mesquite, scrub oak, few oak and sycamore trees.

N. 0° 2' E., bet. secs. 9 & 10.
 Over mts. land, desc. steep.
 4.00 Granite ledge, 20 ft. high, desc. prec.
 8.50 Sycamore creek, 1 ch. wide, course SW., asc.
 10.15 Road, brs. NE. & SW., asc. steep.
 20.00 Top of hill, brs. E. & W., desc.
 26.30 Gulch, 30 lks. wide, course W., 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,
 $\frac{1}{4}$ 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.
 54.00 Foot of ledge, 80 ft. high, brs. NW. & SW., asc. abrupt.
 56.00 Top of bluff, brs. NW. & SE., asc.
 66.00 Top of ridge, brs. W. & NE, desc.
 75.00 Bluff to right of line, brs. N. & SSE., thence along E.
 edge of same.
 78.00 Desc. prec.
 80.00 Cor. point falls on face of bluff, and it being imprac-
 ticable to set a post in the solid rock on line N. or S. of
 cor. point, therefore at a point 1.30 chs. W. of cor. point,
 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in
 the ground for witness cor. to cor. of
 secs. 3, 4, 9 & 10, marked on brass cap,
 W C, W. of centre,
 T 23 S R 32 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, mts., rough. Soil, 3rd rate, stony, dry.
 Scrub oak, cacti, greasewood, few oak trees.

Chains.	From the cor. point of secs. 3, 4, 9 & 10, hereinbefore described, I run,
	West, on a random line, bet. secs. 4 & 9.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. & S. line 5 lks. S. of cor. of secs. 4, 5, 8 & 9, whence I run, S. $89^{\circ}58'$ E., on a true line, bet. secs. 4 & 9. Over mts. land, asc.
7.00	Spur, brs. N. & S., desc.
15.00	Asc. prec.
18.00	Foot of cliff, brs. N. & S., asc. prec.
19.00	Top of cliff, 100 ft. high, thence along broken S. slope.
36.00	Desc. steep.
38.00	Gulch, 30 lks. wide, course SW., 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, $\frac{1}{4}$ S 4 in N., and S 9 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
44.82	Wire fence, brs. NE. & SW.
68.00	Asc. grad. along NW. slope.
78.50	Ridge, brs. NE. & SW.
79.00	Desc. prec. <small>WC to cor. of secs. 3, 4, 9 & 10.</small>
80.04	To cor. point of secs. 3, 4, 9 & 10, hereinbefore described. Land, mts., rough. Soil, 3rd rate, stony. Scrub oak, cacti, good grass.
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	From the cor. point of secs. 3, 4, 9 & 10, hereinbefore described I run,
	N. $0^{\circ}4'$ W., on a random line, bet. secs. 3 & 4.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect N. bdy. of Tp. 2 lks. E. of cor. of secs. 3, 4, 33 & 34, recently estab. by me & described in Book D , whence I run, S. $0^{\circ}5'$ E., on a true line, bet. secs. 3 & 4. Over mts. land, asc. steep.
39.00	Ridge, brs. E. & W., desc. steep.
39.96	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 4 in W., and S 3 in E. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
59.00	Gulch, 120 lks. wide, course SW., near head, asc.
75.00	Top of high ridge, brs. SW. & NE.,
77.00	Desc. prec.
79.96	To cor. point of secs. 3, 4, 9 & 10, hereinbefore described. Land, mts., rough. Soil, 3rd rate, stony, dry. Scrub oak, few oak trees, sage brush, cacti, good grass. At this cor., at noon, I set off $23^{\circ}24\frac{1}{2}'$ S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $31^{\circ}27'$ N.

Chains.

As a portion of this Tp. is very rough and mountainous , and contains no land suitable for agricultural, or even grazing purposes, I omit the survey of such portions, therefore,

From the cor. of secs. 9,10,15 & 16, hereinbefore described, I run,

East, bet. secs. 10 & 15.

Over mts. land, along broken NE. slope., desc.

7.00 Gulch, 30 lks. wide, course NNW., asc.

15.00 Spur, brs. NNE. & SSW., desc.

20.00 Gulch, 30 lks. wide, course NNE., 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, $\frac{1}{4}$ S 10 in N., and S 15 in S. half;

raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor., from which,

An oak tree 8 ins. diam. brs. N. $28\frac{1}{2}^{\circ}$ E. 37 lks. dist., marked $\frac{1}{4}$ S 10 B T.

An oak tree 14 ins. diam. brs. S. $47\frac{1}{2}^{\circ}$ W. 31 lks. dist., marked $\frac{1}{4}$ S 15 B T.

46.00 Spur, brs. NNW. & SSE., desc. steep.

59.00 Gulch, 50 lks. wide, course NNW., asc.

65.00 Spur, brs. NNW. & SSE., desc. steep.

69.30 Gulch, 60 lks. wide, course NW., asc. prec.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 10,11,14 & 15, marked on brass cap, T 23 S R 32 E, in N. half, S 10 in NW., S 11 in NE., S 14 in SE., and S 15 in SW. quad.;

raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor., from which,

An oak tree 12 ins. diam. brs. S. 73° E. 25 lks. dist., marked T 23 S R 32 E S 14 B T.

An oak tree 10 ins. diam. brs. N. 28° W. 42 lks. dist., marked T 23 S R 32 E S 10 B T.

No other trees available.

Cor. on top of ridge, brs. NNW. & SSE.

House of George Swagart brs. N. 45° W. , about 65 chs. dist.

N. 0° 2' E., bet. secs. 10 & 11.

Over rough mts. land, desc.

10.00 Gulch, 30 lks. wide, course W., asc. steep.

21.00 Spur, brs. W. & E., desc. steep.

32.80 Sycamore creek, 1 ch. wide, course W., asc. steep.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 10 in W., and S 11 in E. half;

raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor., from which,

An oak tree 10 ins. diam. brs. N. 4° E. 63 lks. dist., marked $\frac{1}{4}$ S 11 B T.

68.00 Cliff 60 ft. high, brs. NE. & SW., asc. prec.

71.00 Top of bluff brs. NNE. & SW., thence along prec. E. slope.

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 23 S R 32 E, in N. half, S 3 in NW., S 2 in NE., S 11 in SE., and S 10 in SW. quad.; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor., from which, an oak tree 10 ins. diam. brs. S. 38° W. 107 lks. dist., marked T 23 S R 32 E S 10 B T.

An oak tree 18 ins. diam. brs. N. 49° W. 106 lks. dist., marked T 23 S R 32 E S 3 B T.

Land, mts., broken. Soil, 3rd rate, stony. Few oak trees.

Chains.	
	West, on a random line, bet. secs. 3 & 10.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. & S. line at a point 7 lks. N. of the cor. point of secs. 3, 4, 9 & 10, hereinafter described , whence I run, N. $89^{\circ}57'$ E., on a true line, bet. secs. 3 & 10.
	Over mts. land, desc. prec.
19.00	Gulch, 30 lks. wide, course SE., thence over broken S. slope.
28.00	Gulch, 15 lks. wide, course S.
40.02	Set an iron post $\frac{3}{4}$ ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 3 in N., and S 10 in S. half, raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. House of George Swagart brs. S. $15^{\circ}15'$ W.
49.00	Spur, brs. S. & N., desc. steep.
55.00	Gulch, 80 lks. wide, course SW., asc. steep, through scrub oak.
71.00	Granite ledge, 75 ft. high, brs. N. & S., asc. prec.
77.00	Top of high rocky ridge, brs. N. & S., peak on S. end of same 15 chs. to S., desc. prec.
80.04	To cor. of secs. 2, 3, 10 & 11, hereinafter described . Land, mts., broken. Soil, 3rd rate, stony. Scrub oak, cacti, few oak trees, fair grass. As the remainder of this township lies in a country very rough and broken, and the land being of little or no value for agricultural or even grazing purposes, and being impracticable to survey by ordinary methods, I discontinue the subdivision of this Tp.

Fractional

T. 23 S., R. 32 E. lies in a rough or broken country along the West side of the Peloncillo mountains. There is some good grazing land, and some little strips of good agricultural land in the main draw along the western portion of the Tp. There is some oak, and a little pinon timber in the higher portions of the Tp., but none of any commercial value.

Water has been developed in several places for watering stock by the settlers.

The following settlers are located in the Tp.,

John Walker, in SE. $\frac{1}{4}$ sec. 7.
 J.W. McDonald, in SE. $\frac{1}{4}$ sec. 8.
 Lee Ramsay, in SE. $\frac{1}{4}$ sec. 9.,
 George Swagart, in NW. $\frac{1}{4}$ sec. 10.
 E.S. Renner, in SW. $\frac{1}{4}$ sec. 21.
 J.B. Estes, in NE. $\frac{1}{4}$ sec. 31.

These settlers have built substantial dwellings and made other valuable improvements, and have cleared and have under cultivation several small tracts of land. There is no water available for irrigation, except by pumping and storage reservoirs.

There are no indications of mineral values in the Tp. The formation of the rocks is in general granite, with outcropping ledges of limestone and sandstone in the southern portion.

Dec. 24, 1912.

James B. Wright
 U. S. Surveyor.

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For FINAL OATH OF UNITED STATES SURVEYOR.

BOOK 2485

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 _____
the Subdivision lines of
Fractional Township 23 South, Range 32 East, of the
Gila & Salt River Base & Meridian, Arizona.

executed by Jesse B. Wright, U.S. Surveyor
under his ~~special~~ ^{supplemental} instructions dated November 27 1912, 191____, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank S. Ingalls
U. S. Surveyor General.

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