

2435

4-679

BOOK 2435

1157

Book "Q"

Accepted G.L.O. letter "E" Dec. 15-1913.

AUG. 1 - 1912

FIELD NOTES

OF THE SURVEY OF THE

Subdivision of T.23 N., R.8 W.

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 August 28, 1911, issued by the United States Surveyor General to govern surveys included in Group No. 15, which were approved by the Commissioner of the General Land Office, September 28, 1911, pursuant to authority contained in the Act of Congress dated June 25, 1910

Survey commenced Dec. 14, 1911, 191

Survey completed Dec. 31, 1911, 191

1A/16

BOOK 2435

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2nd Guide Meridian West

—— Book 1
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Subdivision of T.23 N.,R.8 W.

Chains	Survey commenced Dec.14,1911,and executed with a Young & Son's light mountain transit No.8480,with Smith's patent solar attachment on the side. For further description and tests of instrument,see field-notes of T.23 N.,R.8 W. in Book "U" At 8h.a.m.,l.m.t.,I set off $23^{\circ}6\frac{1}{2}'$ S.on the decl.arc; $35^{\circ}20'$ N.on the lat.arc,and determine a meridian with the solar,at the cor.of secs.1,2,35 and 36 on the S. bdy.as recently established by me,& described in Book 1, Thence I run N. $0^{\circ}1'$ W.bet.secs.35 and 36. Over rolling land,through heavy cedar and pinon.
24.00	Draw,1 ch.wide,course NW.
36.00	Same draw,NE.
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 35 in W.,and S,36 in E.half;from which A pinon tree 12 ins.in dia.bears S. $18\frac{1}{4}^{\circ}$ E.85 lks.dist., marked $\frac{1}{4}$ S 36 B T A cedar tree 13 ins.in dia.bears S. 55° W.159 lks.dist., marked $\frac{1}{4}$ S 35 B T
70.00	Draw,50 lks.wide,course NE.
80.00	Set an iron post,3 ft.long,2 ins.in dia.,24 ins.in the ground,for cor.of secs.25,26, 35 and 36,marked on brass cap, T 23 N R 8 W in N.half; S 26 in NW., S 25 in NE.,S 36 in SE.,and S 35 in SW.quadrants;from which A cedar tree 6 ins.in dia.bears N. $65\frac{1}{4}^{\circ}$ E.58 lks.dist., marked T 23 N R 8 W S 25 B T A cedar tree 6 ins.in dia.bears S. $74\frac{3}{4}^{\circ}$ E.43 lks.dist., marked T 23 N R 8 W S 36 B T A pinon tree 9 ins.in dia.bears S. $75\frac{1}{2}^{\circ}$ W.168 lks.dist., marked T 23 N R 8 W S 35 B T A cedar tree 7 ins.in dia.bears N. $76\frac{1}{4}^{\circ}$ W.134 lks.dist., marked T 23 N R 8 W S 26 B T
	Land,rolling. Soil,gravelly loam,1 ft.deep to hard-pan,3rd rate. Cedar and pinon. Good grass.
40.00	N. $89^{\circ}59'$ E,on a random line bet.secs.25 and 36. Set temp. $\frac{1}{4}$ sec.cor.
80.06	Intersect E.bdy.of Tp.12 lks.N.of cor.of secs.25,30,31 and 36.,recently established & described by me,in Book 1, Thence I run N. $89^{\circ}56'$ W.on a true line,bet.secs.25 and 36. Over rolling land,through scattering cedar and pinon.
33.00	Draw,1 ch.wide,course NW.
40.03	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;from which A cedar tree 16 ins.in dia.bears N. $9\frac{1}{2}^{\circ}$ W.20 lks.dist., marked $\frac{1}{4}$ S 25 B T A cedar tree 12 ins.in dia.bears S. $29\frac{1}{2}^{\circ}$ E.44 lks.dist., marked $\frac{1}{4}$ S 36 B T
46.00	Draw,5 chs.wide,course,NNE.
60.00	Draw,3 chs.wide,course,NE.
80.06	Cor.of secs.25,26,35 and 36. has before described Land,rolling. Soil,in draws gravelly loam,2nd rate,on ridges,rocky,3rd rate Cedar and pinon. Fair grass. At this cor.,at noon,I set off $23^{\circ}10'$ S.on the decl.arc, and observe the sun on the meridian. The resulting lat.is $35^{\circ}21'$ N.

Subdivision of T.23 N., R.8 W.

Chains	N.0°1'W. bet. secs. 25 and 26. Over rolling land, through scattering cedar and pinon.
4.00	Enter draw, course N.1°E.
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; no tree available.
	Dig pits, 18x18x12 ins., N. and S. of cor. 3 ft. ^{dist.} , and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
76.00	Leave draw.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, marked on brass cap, T 23 N R 8 W in N. half; S 23 in NW., S 24 in NE., S 25 in SE., and S 26 in SW. quadrants; from which A cedar tree 10 ins. in dia. bears S. 71 $\frac{1}{2}$ °W. 73 lks. dist., marked T 23 N R 8 W S 26 B T A cedar tree 14 ins. in dia. bears N. 25 $\frac{1}{2}$ °W. 75 lks. dist., marked T 23 N R 8 W S 23 B T No other trees available. dig pits 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
	Land, rolling. Soil, gravelly loam, 2nd rate. Cedar and pinon. Good grass.
	S. 89°56'E, on a random line, bet. secs. 24 and 25.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect E. bdy. of Tp. 2 lks. S. of cor. of secs. 19, 24, 25 and 30., recently established & described by me, in Book 1, Thence I run N. 89°57'W. on a true line bet. secs. 24 and 25.
	Over rolling land, through scattering cedar and pinon.
3.00	Draw, 3 chs. wide, course NE.
20.00	Ridge, 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 24 in N., and S 25 in S. half; from which A cedar tree, 12 ins. dia., bears N. 80 $\frac{1}{2}$ °W. 81 lks. dist., marked $\frac{1}{4}$ S 24 B T A cedar tree, 7 ins. dia., bears S. 80 $\frac{1}{2}$ °W. 68 lks. dist., marked $\frac{1}{4}$ S 25 B T
53.00	Draw, 1 ch. wide, course N.
76.00	Draw, 3 chs. wide, course NNE.
80.00	Cor. of secs. 23, 24, 25 and 26. Same as before described Land, rolling. Soil, gravelly loam, mixed with rock, 2nd and 3rd rate. Cedar and pinon. Good grass.

Dec. 14, 1911.

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BOOK 2435

Subdivision of T.23 N., R.8 W.

Chains Dec. 15, 1911.
 At 8 h. a. m., l. m. t., I set off $23^{\circ}10\frac{1}{2}'$ S. on the decl. arc;
 $35^{\circ}21\frac{1}{2}'$ N. on the lat. arc, and determine a meridian with
 the solar, at the cor. of secs. 23, 24, 25 and 26.
 Thence I run *hereinafter described*
 N. $0^{\circ}1'$ W. bet. secs. 23 and 24.
 Over rolling land, through scattering cedar and pinon.
 22.00 Draw, 2 chs. wide, course NE.
 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 23 in W., and
 $\frac{1}{4}$ S 24 in E. half; from which
 A cedar, 13 ins. dia., bears N. $82\frac{1}{4}^{\circ}$ W. 68 lks. dist., marked
 $\frac{1}{4}$ S 23 B T
 A cedar 14 ins. dia., bears S. $35\frac{1}{4}^{\circ}$ E. 130 lks. dist., marked
 $\frac{1}{4}$ S 24 B T
 63.00 Ridge, NW. & SE.
 69.00 Draw, 1 ch. wide, course SE.
 76.00 Ridge, NW. and SE,
 80.00 Set an iron post, 3 ft. long, 3 ins. in dia., 24 ins. in the
 ground, for cor. of secs. 13, 14, 23 and 24, marked on brass
 cap, T 23 N R 8 W in N. half;
 S 14 in NW.,
 S 13 in NE.,
 S 24 in SE., and
 S 23 in SW. quadrants; from which
 A cedar, 9 ins. dia., bears N. $68\frac{1}{2}^{\circ}$ E. 144 lks. dist., marked
 T 23 N R 8 W S 13 B T
 A cedar, 7 ins. dia., bears S. 34° E. 41 lks. dist., marked
 T 23 N R 8 W S 24 B T
 A cedar, 6 ins. dia., bears S. 5° W. 54 lks. dist., marked
 T 23 N R 8 W S 23 B T
 A pinon, 8 ins. dia., bears N. $47\frac{1}{4}^{\circ}$ W. 87 lks. dist., marked
 T 23 N R 8 W S 14 B T
 Land, rolling, broken.
 Soil, gravelly, rocky, 3rd rate.
 Cedar and pinon.
 Fair grass.

40.00 S. $89^{\circ}57'$ E, on a random line bet. secs. 13 and 24.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Intersect E. bdy of Tp., 14 lks. S. of cor. of secs. 13, 18, 19
 and 24., recently established and described by me, in Book 1
 Thence I run, S. $89^{\circ}57'$ W. on a true line bet. secs. 13 and 24.
 Over high, rolling land.
 120.00 Ridge, NE. & SW.
 34.00 Draw, 2 chs. wide, course NE.
 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,
~~bedrock~~ $\frac{1}{4}$ S 13 in N., and
 $\frac{1}{4}$ S 24 in S. half; from which
 A cedar, 15 ins. dia., bears N. 55° W. 102 lks. dist., marked
 $\frac{1}{4}$ S 13 B T
 A cedar, 9 ins. dia., bears S. 35° W. 73 lks. dist., marked
 $\frac{1}{4}$ S 24 B T
 48.00 Ridge, NE. & SW.
 55.00 Draw, 5 chs. wide, course NE.
 79.96 Cor. of secs. 13, 14, 23 and 24, *hereinafter described*.
 Land, heavily rolling.
 Soil, gravelly, rocky, 3rd rate.
 Cedar and pinon.
 Fair grass.

Subdivisions of T.23 N., R.8 W

Chains N.0°1'W. bet. secs. 13 and 14.
 High rolling land, descending through scattering cedar and pinon.

24.00 Foot of ridge, WNW. & ESE.

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 14 in W., and
 $\frac{1}{4}$ S 13 in E. half; from which

A cedar, 9 ins. dia., bears N.59 $\frac{1}{4}$ °E. 161 lks. dist., marked
 $\frac{1}{4}$ S 13 B T

A pinon, 9 ins. dia., bears N.77 $\frac{1}{4}$ °W. 80 lks. dist., marked
 $\frac{1}{4}$ S 14 B T

77.00 Draw, 4 chs. wide, course NE.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, marked on brass cap,
 T 23 N R 8 W in N. half;
 S 11 in NW.,
 S 12 in NE.,
 S 13 in SE., and
 S 14 in SW. quadrants; from which

A pinon, 10 ins. dia., bears N.13 $\frac{1}{4}$ °E. 350 lks. dist., marked
 T 23 N R 8 W S 13 B T

A cedar, 6 ins. dia., bears N.47 $\frac{1}{2}$ °W. 167 lks. dist., marked
 T 23 N R 8 W S 11 B T. No other trees available.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and
 raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, rolling.
 Soil, gravelly loam, 2nd and 3rd rate.
 Cedar and pinon.
 Good grass.

40.00 N. 89°57'E, on a random line, bet. secs. 12 and 13.
 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect E. bdy. of Tp. 5 lks. N. of cor. of secs. 7, 12, 13 & 18
 Recently established & described by me ^{in Book 1} whence I run,
 S. 89°59'W. on a true line, bet. secs. 12 and 13.

Over rolling land, through scattering cedar and pinon.

1.55 Wash, 10 lks. wide, course NW.

22.00 Foot of ridge, NW. & SE.

35.00 Ridge, NW. & SE.

40.03 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 12 in N., and
 $\frac{1}{4}$ S 13 in S. half; from which

A cedar, 7 ins. dia., bears S.7°W. 235 lks. dist., marked
 $\frac{1}{4}$ S 13 B T

A cedar 9 ins. dia., bears N.78 $\frac{1}{2}$ °E. 105 lks. dist., marked
 $\frac{1}{4}$ S 12 B T

48.00 Foot of ridge, leave cedar and pinon.

76.00 Draw, 4 chs. wide, course NE.

80.06 Cor. of secs. 11, 12, 13 and 14, hereinbefore described.
 Land, rolling.
 Soil, gravelly loam, 2nd and 3rd rate.
 Scattering cedar and pinon.
 Good grass.

At this cor. at noon I set off 23°13 $\frac{1}{2}$ ' S. on the decl. arc,
 and determine a meridian with the solar.
 The resulting lat. is 35°23 $\frac{1}{2}$ ' N.

bedrooms excluded.

Subdivision of T.23 N.,R.8W.

Chains NO°1'W. bet. secs. 11 and 12.
 Over rolling land, through scattering cedar and pinon.
 40.00 Set an iron post, 3 ft. long, 1 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; from which
 A cedar, 7 ins. dia., bears N. 4° E. 268 lks. dist., marked
 $\frac{1}{4}$ S 12 B T
 A cedar, 8 ins. dia., bears N. 73 $\frac{1}{4}$ ° W. 41 lks. dist., marked
 $\frac{1}{4}$ S 11 B T
 80.00 Set an iron post, 3 ft. long, 3 ins. in dia., 24 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, marked on brass cap
 T 23 N R 8 W in N. half;
 S 2 in NW.,
 S 1 in NE.,
 S 12 in SE., and
 S 11 in SW. quadrants; from which
 A cedar, 8 ins. dia., bears N. 10 $\frac{1}{4}$ ° E. 109 lks. dist., marked
 T 23 N R 8 W S 1 B T
 A cedar, 7 ins. dia., bears S. 1° E. 192 lks. dist., marked
 T 23 N R 8 W S 12 B T
 A cedar, 8 ins. dia., bears S. 73 $\frac{1}{4}$ ° W. 129 lks. dist., marked
 T 23 N R 8 W S 11 B T
 A cedar, 8 ins. dia., bears N. 60 $\frac{1}{4}$ ° W. 152 lks. dist., marked
 T 23 N R 8 W S 2 B T
 Land, rolling,
 Soil, gravelly loam, mixed with rock, 2nd and 3rd rate
 Scattering cedar and pinon.
 Good grass.

40.00 N. 89° 59' E, on a random line, bet. secs. 1 and 12.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect E. bdy. of Tp. at cor. of secs. 1, 6, 7 and 12.
 Recently established & described by me ^{in Book 1} whence I run,
 S. 89° 59' W. on a true line, bet. secs. 1 and 12.
 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 1 in N., and
 S 12 in S. half;
 dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist.; and
 raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 80.02 Cor. of secs. 1, 2, 11 and 12 ~~hereinbefore described~~
 Land, rolling. ~~bedrock not disturbed~~
 Soil, gravelly loam, mixed with rock, 2nd and 3rd rate.
 No timber.
 Good grass.

40.00 N. 0° 1' W. on a random line, bet. secs. 1 and 2.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.09 Intersect N. bdy. of Tp. at cor. of secs. 1, 2, 35 and 36.
 Recently established & described by me ^{in Book 1} whence I run,
 S. 0° 1' E. on a true line, bet. secs. 1 and 2.
 Over rolling land, very scattering cedar.
 40.09 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 11 in E. half;~~
 dig pits, 18x18x12 ins., N. and 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.
 80.09 Cor. of secs. 1, 2, 11 and 12 ~~hereinbefore described~~
 Land, rolling.
 Soil, sandy loam, mixed with gravel, 2nd and 3rd rate.
 Few cedar
 Good grass.

Dec. 15, 1911.

Subdivision of T.23 N., R.8 W.

Chains

Dec. 16, 1911.
 At 8h. a.m., l.m.t., I set off $23^{\circ}13\frac{1}{2}'$ S. on the decl. arc; and $35^{\circ}20'$ N. on the lat. arc, and determine a meridian with the solar, at the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp. recently established & described by me, whence I run, N. $0^{\circ}1'$ W. bet. secs. 34 and 35.
 Asc. steep rocky hill, through heavy cedar and pinon. Ridge, NE. and SW., and desc. gradually.
 Abrupt descent to wash
 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
 $\frac{1}{4}$ S 35 in E. half; from which
 A cedar, 9 ins. dia., bears S. $82\frac{1}{2}^{\circ}$ E. 75 lks. dist., marked $\frac{1}{4}$ S 35 B T
 A pinon, 9 ins. dia., bears N. $74\frac{1}{2}^{\circ}$ W. 90 lks. dist., marked $\frac{1}{4}$ S 34 B T
 Wash, 10 lks. wide, course NE., and asc.
 Ridge, NE. and SW., and desc.
 Wash, 10 lks. wide, course NE.
 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, marked on brass cap,
 T 23 N R 8 W in N. half;
 S 27 in NW.,
 S 26 in NE.,
 S 35 in SE., and
 S 34 in SW. quadrants; from which
 A pinon, 6 ins. dia., bears N. $58\frac{1}{4}^{\circ}$ E. 36 lks. dist., marked T 23 N R 8 W S 26 B T
 A cedar, 10 ins. dia., bears S. $73\frac{1}{4}^{\circ}$ E. 22 lks. dist., marked T 23 N R 8 W S 35 B T
 A pinon, 10 ins. dia., bears S. 18° W. 33 lks. dist., marked T 23 N R 8 W S 34 B T
 A cedar, 9 ins. dia., bears N. $63\frac{1}{4}^{\circ}$ W. 47 lks. dist., marked T 23 N R 8 W S 27 B T
 Land, rough, mountainous.
 Soil, rocky, limestone croppings, 3 rd rate.
 Cedar and pinon.
 Fair grass.

N. $89^{\circ}59'$ E. on a random line, bet. secs. 26 and 35.
 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line $1\frac{1}{2}$ lks. N. of the cor. of secs. 25, 26, 35 and 36. ~~herebefore described~~
 Thence I run
 N. $89^{\circ}58'$ W. on a true line, bet. secs. 26 and 35.
 Over high rolling land, through dense cedar and pinon.
 Draw, 3 chs. wide, course NNE.
 Draw, 4 chs. wide, course NE.
 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
 $\frac{1}{4}$ S 35 in S. half; from which
 A pinon, 7 ins. dia., bears N. $70\frac{3}{4}^{\circ}$ W. 15 lks. dist., marked $\frac{1}{4}$ S 26 B T
 A cedar, 7 ins. dia., bears S. $22\frac{3}{4}^{\circ}$ W. 47 lks. dist., marked $\frac{1}{4}$ S 35 B T
 Wash, 10 lks. wide, course NE.
 Cor. of secs. 26, 27, 34 and 35. ~~herebefore described~~
 Land, mountainous.
 Soil, sandy loam, mixed with gravel and rock, 3rd rate.
 Cedar and pinon. ~~herebefore described~~
 Fair grass.
 At this cor. at noon I set off $23^{\circ}16\frac{1}{2}'$ S. on the decl. arc, and observe the sun on the meridian.
 The resulting lat. is $35^{\circ}21'$ N.

Subdivision of T.23 N.,R.8 W.

Chains	N.0°1'W. bet. secs. 26 and 27
26.00	Over rough, broken ridges, through heavy cedar and pinon.
40.00	Ridge, NE. & SW., and desc. gradually.
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; from which
	A pinon, 7 ins. dia., bears N. 33 $\frac{1}{2}$ ° E. 109 lks. dist., marked
	$\frac{1}{4}$ S 26 B T
	A pinon, 9 ins. dia., bears N. 69 $\frac{1}{2}$ ° W. 74 lks. dist., marked
	$\frac{1}{4}$ S 27 B T
51.75	Wash, 10 lks. wide, course NE., and asc.
59.50	Ridge, ENE. & WSW. and desc.
71.00	Draw, 2 chs. wide, course NE. and asc.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, marked on brass cap, T 23 N R 8 W in N. half;
	S 22 in NW.,
	S 23 in NE.,
	S 26 in SE., and
	S 27 in SW. quadrants; from which
	A pinon, 8 ins. dia., bears N. 4 $\frac{1}{4}$ ° E. 39 lks. dist., marked
	T 23 N R 8 W S 23 B T
	A cedar, 7 ins. dia., bears S. 45° E. 76 lks. dist., marked
	T 23 N R 8 W S 26 B T
	A cedar, 10 ins. dia., bears S. 72° W. 31 lks. dist., marked
	T 23 N R 8 W S 27 B T
	A pinon, 8 ins. dia., bears N. 9 $\frac{1}{4}$ ° W. 68 lks. dist., marked
	T 23 N R 8 W S 22 B T
	Land, rough, broken.
	Soil, sandy, rocky, 3rd rate.
	Cedar and pinon.
	Sparse grass
<hr/>	
	S. 89° 58' E, on a random line, bet. secs. 23 and 26.
40.00	Set temp. $\frac{1}{4}$ sec. cor. (hereinbefore described)
79.96	Intersect N. & S. line at the cor. of secs. 23, 24, 25 and 26, Thence I run
	N. 89° 58' W. on a true line, bet. secs. 23 and 26.
	Over rolling land, through scattering cedar and pinon.
28.00	Draw, 1.50 chs. wide, course NE., line follows N. bank of draw, 20 ft. below limestone cliff.
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 23 in N., and
	S 26 in S. half; from which
	A cedar, 16 ins. dia., bears N. 48° W. 95 lks. dist., marked
	$\frac{1}{4}$ S 23 B T
	A cedar, 8 ins. dia., bears S. 52 $\frac{1}{2}$ ° W. 166 lks. dist., marked
	$\frac{1}{4}$ S 26 B T
49.00	Asc. SE. slope of ridge, through heavy cedar.
65.00	Spur brs. NE. & SW., and desc.
79.96	Cor. of secs 22, 23, 26 and 27. (hereinbefore described)
	Land, rolling.
	Soil, gravelly loam, mixed with limestone rock, 3rd rate.
	Cedar and pinon.
	Fair grass.
	Dec. 16, 1911.
	Dec. 17, 18, 19 and the forenoon of the 20th, snowing.

Subdivision of T.23 N., R.8 W

Chains	Dec. 20, 1911.
	At 1h.p.m., l.m.t., I set off $33^{\circ}24\frac{1}{2}'$ S. on the decl. arc; and $35^{\circ}31\frac{1}{2}'$ N. on the lat. arc, and determine a meridian with the solar, at the cor. of secs. 22, 23, 26 and 27.
	Thence I run (hereinbefore described)
	N. $0^{\circ}1'$ W. bet. secs. 22 and 23.
3.00	Asc. S. slope of ridge, through heavy cedar and pinon.
12.00	Ridge, E. & W. and desc.
40.00	Draw, 1 ch. wide; course E. and asc.
	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; from which
	A pinon, 6 ins. dia., bears N. $86\frac{1}{4}^{\circ}$ E. 50 lks. dist., marked
	$\frac{1}{4}$ S 23 B T
	A cedar, 8 ins. dia., bears S. 51° W. 51 lks. dist., marked
	$\frac{1}{4}$ S 22 B T
51.00	Wash, 10 lks. wide, course NW., and along W. slope of ridge.
80.00	Set an iron post, 3 ft. long; 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 14, 15 22 and 23, marked on brass cap,
	T 23 N R 8 W in N. half;
	S 15 in NW.,
	S 14 in NE.,
	S 23 in SE., and
	S 22 in SW. quadrants; from which
	A cedar, 9 ins. dia., bears N. 75° E. 105 lks. dist., marked
	T 23 N R 8 W S 14 B T
	A cedar, 9 ins. dia., bears S. 19° E. 52 lks. dist., marked
	T 23 N R 8 W S 23 B T
	A cedar, 10 ins. dia., bears S. 17° W. 19 lks. dist., marked
	T 23 N R 8 W S 22 B T
	A cedar, 8 ins. dia., bears N. 17° W. 120 lks. dist., marked
	T 23 N R 8 W S 15 B T
	Land, high, rolling.
	Soil, gravelly, limestone rocks, 3rd rate.
	Cedar and pinon.
	Fair grass.
	<hr/>
	S. $89^{\circ}58'$ E, on a random line, bet. secs. 14 and 23.
40.00	Set temp. $\frac{1}{4}$ sec. cor. (hereinbefore described)
79.98	Intersect N. & S. line, 4 lks. S. of cor. of secs. 13, 14, 23 & 24.
	Thence I run
	West on a true line, bet. secs. 14 and 23.
	Asc. NE. slope of ridge, through dense cedar and pinon.
10.00	Ridge, NE. & SW. and desc.
16.00	Draw, 4 chs. wide, course NW.
39.99	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 14 in N., and
	S 23 in S. half; from which
	A pinon, 8 ins. dia., bears N. 23° E. 19 lks. dist., marked
	$\frac{1}{4}$ S 14 B T
	A pinon, 6 ins. dia., bears S. 27° E. 67 lks. dist., marked
	$\frac{1}{4}$ S 23 B T
48.00	Draw, 4 chs. wide, course NE., and asc.
55.00	Ridge, NE. & SW., and desc.
63.25	Draw, 3 chs. wide, course NE., and asc.
68.00	Ridge, NE. & SW. and desc.
79.98	Cor. of secs. 14, 15 22 and 23, hereinbefore described
	Land, rolling, broken.
	Soil, gravelly, rocky loam, 3rd rate.
	Cedar and pinon.
	Fair grass.

Dec. 20, 1911.

Subdivision of T.23 N.,R.8W.

Chains

Dec.21,1911.
 At 8h.a.m.,1.m.t.,I set off 23°22½'S.on the decl.arc;and
 35°22½'N.on the lat.arc,and determine a meridian with
 the solar,at the cor.of secs.14,15,22 and 23.
 Thence I run (hereinbefore described)
 N.0°1'W.bet.secs.14 and 15.
 Over rolling land,through dense cedar and pinon.
 0.30 Wash,10 lks.wide,course NE.
 10.50 Draw,3 chs.wide,course NE.,and asc.
 30.00 Rim-rock and top of ridge,NE.& SW.,and desc.gradually.
 39.00 Enter draw,2 chs.wide,course N.10°E.
 40.00 Set an iron post,3 ft.long,1 in.in dia.,26 ins.in the
 ground,for ¼ sec.cor.,marked on brass cap
 † S 15 in W.,and
 S 14 in E.half;from which
 A cedar,25 ins.dia.,bears N.55°E.153 lks.dist.,marked
 † S 14 B T
 A cedar,7 ins.dia.,bears S.17°W.93 lks.dist.,marked
 † S 15 B T
 54.00 Leave draw,NE.
 62.00 Draw,1.50 chs.wide ,course E.
 80.00 Set an iron post,3 ft.long,2 ins.in dia.,24 ins.in the
 ground,for cor.of secs.10,11,14 and 15,marked on brass
 cap, T 23 N R 8 W in N.half;
 S 10 in NW.,
 S 11 in NE.,
 S 14 in SE.,and
 S 15 in SW.quadrants;from which
 A cedar,14 ins.dia.,bears N.25°E.114 lks.dist.,marked
 T 23 N R 8 W S 11 B T
 A cedar,22 ins.dia.,bears S.79½°E.110 Lks.dist.,marked
 T 23 N R 8 W S 14 B T
 A cedar,12 ins.dia.,bears S.31°W.95 lks.dist.,marked
 T 23 N R 8 W S 15 B T
 A cedar,18 ins.dia.,bears N.24½°W.294 lks.dist.,marked
 T 23 N.R 8 W S 10 B T
 Land rolling.
 Soil,gravelly loam,mixed with gravel,3rd rate.
 Cedar and pinon.
 Good grass.

hereinbefore described

East on a random line,bet.secs.11 and 14
 40.00 Set temp.¼ sec.cor.
 80.00 Intersect N.& S.line,2 lks.S.of cor.of secs 11,13,13 and 14,
~~hereinbefore described~~,thence I run
 S.89°59'W.on a true line bet.secs.11 and 14
 Asc.small ridge,through scattering cedar.
 4.00 Top of ridge,NE.& SW.
 8.00 Foot of ridge and enter draw,course NE.and leave cedar.
 39.00 Leave draw and enter scattering cedar.
 40.00 Set an iron post,3 ft.long,1 in. in dia.,26 ins.in the
 ground,for ¼ sec.cor.marked on brass cap
 † S 11 in N.,and
 S 14 in S.half;from which
 A cedar,12 ins.dia.,bears N.30½°E.128 lks.dist.,marked
 † S 11 B T
 A cedar,15 ins.dia.,bears S.23½°W.87 lks.dist.,marked
 † S 14 B T
 47.00 Foot of ridge and asc.
 67.00 Ridge,NE.& SW.and desc.
 80.00 Cor.of secs.10,11,14 and 15,hereinbefore described.
 Land,rolling.
 Soil,gravelly loam,mixed with rock,2nd and 3rd rate.
 Scattering cedar.
 Good grass.

Subdivision of T.23 N., R.8 W.

Chains

- N.0°1'W. bet. secs. 10 and 11
Over rolling land, through dense cedar and pinon.
32.00 Draw 3 chs. wide, course E. and asc.
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 10 in W., and
S 11 in E. half; from which
A cedar, 7 ins. dia., bears N.61 $\frac{1}{2}$ °E. 53 lks. dist., marked
 $\frac{1}{4}$ S 11 B T
A pinon, 8 ins. dia., bears S.88 $\frac{1}{2}$ °W. 98 lks. dist., marked
 $\frac{1}{4}$ S 10 B T
- 50.00 Ridge, E. & W. and desc.
65.00 Draw, 4 chs. wide, course NE. and asc.
80.00 Set an iron post, 3 ft. long, 3 ins. in dia., 24 ins. in the
ground, for cor. of secs. 2, 3, 10 and 11, marked on brass cap
T 23 N R 8 W. in N. half;
S 3 in NW.,
S 2 in NE.,
S 11 in SE., and
S 10 in SW. quadrants; from which
A pinon, 10 ins. dia., bears N.85 $\frac{1}{2}$ °E. 67 lks. dist., marked
T 23 N R 8 W S 2 B T
A cedar, 8 ins. dia., bears S.57°E. 230 lks. dist., marked
T 23 N R 8 W S 11 B T
A cedar, 7 ins. dia., bears S.43°W. 49 lks. dist., marked
T 23 N R 8 W S 10 B T
A cedar, 16 ins. dia., bears N.85 $\frac{1}{2}$ °W. 130 lks. dist., marked
T 23 N R 8 W S 3 B T
- Land, rolling.
Soil, gravelly loam, mixed with rock, 3rd rate.
Cedar and pinon.
Good grass.
At this cor. at noon, I set off 23°25 $\frac{1}{2}$ ' S. on the decl. arc,
and observe the sun on the meridian.
The resulting lat. is 35°24 $\frac{1}{2}$ ' N.
-
- 40.00 N.89°59'E, on a random line bet. secs. 2 and 11.
Set temp. $\frac{1}{4}$ sec. cor.
80.04 Intersect N. & S. line, 7 lks. N. of the cor. of secs. 1, 2, 11 & 12
~~herebefore described~~, thence I run
N.89°58'W. on a true line bet. secs. 2 and 11
40.02 Over rolling land, through scattering cedar and pinon.
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 N., and bearing is corrected
S 11 in S. half; from which
A pinon, 8 ins. dia., bears N.72 $\frac{1}{2}$ °W. 128 lks. dist., marked
 $\frac{1}{4}$ S 2 B T
A cedar, 8 ins. dia., bears S.19°W. 48 lks. dist., marked
 $\frac{1}{4}$ S 11 B T
- 80.04 Cor. of secs. 2, 3, 10 and 11, ~~herebefore~~ described.
Land, rolling.
Soil, gravelly loam, mixed with rock, 3rd rate.
Scattering cedar and pinon
Good grass.
-
- 40.00 N.0°1'W. on a random line bet. secs. 2 and 3.
Set temp. $\frac{1}{4}$ sec. cor.
79.92 Intersect N. bdy. of Tp. 5 lks. E. of the cor. of secs. 2, 3, 34
and 35, recently established & described by me, in Book 1,
Thence I run
S.0°3'E, on a true line bet. secs. 2 and 3.
39.92 Over high rolling land, through dense cedar and pinon.
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; from which
A pinon, 7 ins. dia., bears N.53 $\frac{1}{2}$ °E. 34 lks. dist., marked
 $\frac{1}{4}$ S 2 B T

Subdivision of T.23 N.,R.8 W.

Chains A cedar 8 ins.dia.,bears S.66 $\frac{3}{4}$ °W.174 lks.dist.,marked
 $\frac{1}{4}$ S 3 B T
65.00 Draw,3 chs.wide,course NE.
79.92 Cor.of secs.2,3,10 and 11.hereinbefore described
Land,high,rolling.
Soil,gravelly loam,mixed with rock,3rd rate.
Scattering cedar and pinon.
Good grass.

Dec.21,1911.

Dec.22,1911.

At 8h.a.m.,1.m.t.,I set off 23°23'S.on the decl.arc;
35°20'N.on the lat.arc,and determine a meridian with the
solar,at the cor.of secs.3,4,33 and 34 on the S.bdy.of
the Twp.recently established & described by me^{in Book 11} whence I run,
N.0°2'W.bet.secs.33 and 34.

14.00 Desc.along NW.slope of ridge,through dense cedar and pinon.
Draw,4 chs.wide,course NW.,and asc.
34.00 Ridge,NW.&SE.,and desc.
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 33 in W.,and
S.34 in E.half;from which
A cedar,8 ins.dia.,bears S.38°45'E.42 lks.dist.,marked
 $\frac{1}{4}$ S 34 B T
A pinon,9 ins.dia.,bears S.29 $\frac{1}{2}$ °W.19 lks.dist.,marked
 $\frac{1}{4}$ S 33 B T
44.00 Draw,1.50 chs.wide,course NW.and asc.
63.00 Ridge,NW.&SE.,and desc.
80.00 Set an iron post,3 ft.long,2 ins.in dia.,24 ins.in the
ground,for cor.of secs.27,28,33 and 34,marked on brass
cap,
T 23 N R 8 W in N.half;
S 28 in NW.,
S 27 in NE.,
S 34 in SE.,and
S 33 in SW.quadrant;from which,
A cedar,7 ins.dia.,bears N.42 $\frac{1}{4}$ °E.16 lks.dist.,marked
T 23 N R 8 W S 27 B T
A cedar,8 ins.dia.,bears S.59 $\frac{3}{4}$ °E.91 lks.dist.,marked
T 23 N R 8 W S 34 B T
A pinon,7 ins.dia.,bears S.20 $\frac{1}{2}$ °W.8 lks.dist.,marked
T 23 N R 8 W S 33 B T
A cedar 9 ins.dia.,bears N.33 $\frac{1}{2}$ °W.16 lks.dist.,marked
T 23 N R 8 W S 28 B T
Land,mountainous,broken.
Soil,gravelly,rocky,3rd.rate
Cedar,pinon and mountain greesewood.
Sparse grass.

b. 2005 established

40.00 N.89°59'E on a random line,bet.secs.27 and 34.
79.94 Set temp. $\frac{1}{4}$ sec.cor.
Intersect N.&S.line,2 lks.S.of the cor.of secs.26,27,34
and 35.hereinbefore described
Thence I run
S.89°58'W.on a true line,bet.secs.27 and 34.
Asc.E.slope of ridge,through dense cedar and pinon.
16.00 Ridge,N.&S.,and desc.gradually.
39.97 Set an iron post,3 ft.long,1 in.in dia.,26 ins.in the
ground,marked on brass cap
for $\frac{1}{4}$ sec.cor. $\frac{1}{4}$ S 27 in N.,and
S 34 in S.half;from which
A cedar,8 ins.dia.,bears N.27 $\frac{1}{2}$ °E.36 lks.dist.,marked
 $\frac{1}{4}$ S 27 B T
A cedar,12 ins.dia.,bears S.85 $\frac{1}{2}$ °E.15 lks.dist.,marked
 $\frac{1}{4}$ S 34 B T
45.00 Wash,10 lks.wide,course NNE.,and asc.
64.00 Ridge,N.& S.,and desc.
79.94 Cor.of secs.27,28,33 and 34.hereinbefore described
Land,mountainous. Soil,gravelly,rocky,3rd rate.
Cedar and pinon. Sparse grass.

Subdivisions of T.23 N., R.8 W.

Chains	N.0°3'W. bet. secs. 27 and 28. Desc. through dense cedar and pinon.
6.30	Wash, 20 lks. wide, course SW.; and asc.
14.00	Ridge, NE. & SW.; desc.
17.80	Wash, 10 lks. wide, course SW.; asc.
31.00	Ridge, E. & W.; desc.
37.00	Wash, 10 lks. wide, course W.; asc.
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 28 in W., and $\frac{1}{4}$ S 27 in E. half; from which A pinon, 6 ins. dia., bears N.69°E. 23 lks. dist., marked $\frac{1}{4}$ S 27 B T A pinon, 7 ins. dia., bears S.9°W. 70 lks. dist., marked $\frac{1}{4}$ S 28 B T
40.50	Ridge, E. & W.; desc.
43.50	Draw, 1 ch. wide, course W.; asc.
51.00	Ridge, E. & W.; desc.
57.00	Draw, 50 lks. wide, course W.; asc.
60.00	Ridge, E. & W.; desc.
69.25	Wash, 15 lks. wide, course W.; asc.
79.50	Ridge, W. & ESE.
80.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, marked on brass cap, T 23 N R 8 W in N. half; S 21 in NW., S 22 in NE., S 27 in SE., and S 28 in SW. quadrants; from which A cedar, 9 ins. dia., bears N.38°E. 24 lks. dist., marked T 23 N R 8 W S 22 B T A cedar, 12 ins. dia., bears S.33 $\frac{1}{2}$ °E. 57 lks. dist., marked T 23 N R 8 W S 27 B T A cedar, 8 ins. dia., bears S.44°W. 34 lks. dist., marked T 23 N R 8 W S 28 B T A cedar, 7 ins. dia., bears N.36 $\frac{1}{2}$ °W. 29 lks. dist., marked T 23 N R 8 W S 21 B T
	Land, mountainous. Soil, gravelly, rocky, 3rd. rate. Cedar, pinon and Mt. greasewood. Fair grass. At this cor. at noon, I set off 23°25 $\frac{1}{2}$ ' S. on the decl. arc, and observe the sun on the meridian. The resulting Lat. is 35°21 $\frac{1}{2}$ ' N.
	N.89°58'E. on a random line, bet. secs. 22 and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect N. & S. line, 2 lks. S. of cor. of secs. 22, 23, 26 & 27, Thence I run S.89°57'W. on a true line, bet. secs. 22 and 27. ^{hereinafter described} Desc. along S. slope of ridge, through dense cedar and pinon.
7.00	Wash, 5 lks. wide, course SE.; asc.
22.00	Ridge, N. & S.; desc.
38.00	Wash, 10 lks. wide, course NW.
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 22 in N., and $\frac{1}{4}$ S 27 in S. half; from which A cedar, 7 ins. dia., bears N.9 $\frac{1}{2}$ °E. 88 lks. dist., marked $\frac{1}{4}$ S 22 B T A pinon, 10 ins. dia., bears S.16 $\frac{1}{4}$ °E. 101 lks. dist., marked $\frac{1}{4}$ S 27 B T
55.00	Draw, 2 chs. wide, course NW.
68.00	Low ridge, NW. & SE.
79.94	Cor. of secs. 21, 22, 27 and 28. ^{hereinafter described} Land, mountainous. Soil, gravelly, rocky, 3rd rate. Cedar and pinon. Fair grass.

Subdivision of T.23 N.,R.8 W.

Chains N.0°2'W.bet.secs.21 and 22.
 Desc.N.slope of ridge,through dense cedar and pinon.
 6.00 Draw,1.50 chs.wide,course NW.;asc.
 10.00 Ridge,NW.& SE.;desc.over rolling land.
 32.00 Draw,4 chs.wide,course NW.
 38.00 Draw,50 lks.wide,course NW.
 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 21 in W.,and
 $\frac{1}{4}$ S 22 in E.half;from which
 A cedar,28 ins.dia.,bears S.44°E.72 lks.dist.,marked
 $\frac{1}{4}$ S 23 B T
 A cedar,30 ins.dia.,bears S.89 $\frac{1}{4}$ °W.134 lks.dist.,marked
 $\frac{1}{4}$ S 21 B T
 44.00 Draw,3 chs.wide,course NW.
 68.00 Draw,4 chs.wide,course NW.
 76.00 Leave dense cedar,NW.& SE.
 80.00 Set an iron post,3 ft.long,3 ins.in dia.,24 ins.in the
 ground,for cor.of secs.15,16,21 and 22,marked on brass
 cap,
 T 23 N R 8 W in N.half;
 S 16 in NW.,
 S 15 in NE.,
 S 22 in SE.,and
 S 21 in SW.quadrants.from which
 A cedar,6 ins.dia.,bears S.22°E.258 lks.dist.,marked
 T 23 N R 8 W S 22 B T No other trees available.
 dig pits,18x18x12 ins.,in each sec.,5 $\frac{1}{2}$ ft.dist.;and
 raise a mound of earth,4 ft.base,2 ft.high,W.of cor.
 Land,rolling.
 Soil,sandy loam,mixed with gravel,2nd rate.
 Cedar and pinon.
 Good grass.
 Dec.23,1911.

Dec.23,1911.
 At 8h.am,at the cor.of ~~the~~ ~~line~~ ~~of~~ 23°23'S.on the decl.arc;
 35°22 $\frac{1}{2}$ 'N.on the lat.arc,and determine a meridian with
 the solar,at the cor.of secs.15,16,21 and 22.
 Thence I run hereinafter described
 N.89°57'E, on a random line,bet.secs.15 and 22.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 80.00 Intersect N.& S.line,7 lks.N.of the cor.of secs.14,15,22
 and 23 hereinafter described
 Thence I run
 West on a true line,bet.secs.15 and 22.
 Over rolling land,through dense cedar and pinon.
 0.25 Wash,10 lks.wide,course NE.;asc.
 10.00 Ridge,NE.& SW.;desc.
 14.50 Wash,10 lks.wide,course NNE.;asc.
 38.00 Ridge,N.& S.;desc.
 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 15 in N.,and
 $\frac{1}{4}$ S 22 in S.half;from which
 A cedar,18 ins.dia.,bears N.30 $\frac{1}{4}$ °E.34 lks.dist.,marked
 $\frac{1}{4}$ S 15 B T
 A cedar,14 ins.dia.,bears S.47 $\frac{1}{2}$ °E.41 lks.dist.,marked
 $\frac{1}{4}$ S 22 B T
 52.00 Cedar becomes scattering.
 80.00 Cor.of secs.15,16,21 and 22 hereinafter described
 Land,rolling.
 Soil,sandy loam,mixed with gravel,2nd rate.
 Cedar and pinon.
 Good grass.

N.0°3'W.bet.secs.15 and 16.
 Asc.over rolling hills,through scattering cedar.
 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.

Subdivision of T.23 N.,R.8 W.

Chains	
	<p>$\frac{1}{4}$ S 16 in W.,and $\frac{1}{4}$ S 15 in E.half;from which A cedar,20 ins.dia.,bears N.50$\frac{1}{4}$°E.232 lks.dist.,marked $\frac{1}{4}$ S 15 B T A cedar,20 ins.dia.,bears S.6$\frac{1}{4}$°W.114 lks.dist.,marked $\frac{1}{4}$ S 16 B T</p>
75.80	Ridge,NW.& SE.;desc.;enter fire burnt area,dead cedar.
80.00	<p>Set an iron post,3 ft.long,2 ins.in dia.,24 ins.in the ground,for cor.of secs.9,10,15 & 16,marked on brass cap T 23 N R 8 W in N.half; S 9 in NW., S 10 in NE., S 15 in SE.,and S 16 in SW.quadrants; raise a mound of stone,2 ft.base,1$\frac{1}{2}$ ft.high,W.of cor. Land,rolling. Soil,gravelly,sandy,some limestone. Cedar,pinon and cacti. Good grass.</p>
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	East on a random line,bet.secs.10 and 15.
40.00	Set.temp. $\frac{1}{4}$ sec.cor.
80.06	Intersect N.& S.line,7 lks.S.of cor.of secs.10,11,14 & 15 Thence I run <u>hereinafter described</u> S.89°57'W.on a true line,bet.secs.10 and 15. Over rolling land,through dense cedar and pinon.
40.03	<p>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 10 in N.,and $\frac{1}{4}$ S 15 in S.half;from which A pinon,6 ins.dia.,bears N.49°W.33 lks.dist.,marked $\frac{1}{4}$ S 10 B T A pinon,6 ins.dia.,bears S.15$\frac{1}{4}$°E.76 lks.dist.,marked $\frac{1}{4}$ S 15 B T</p>
70.00	Enter burnt area,dead cedar.
80.06	<p>Cor.of secs.9,10,15 and 16.<u>hereinafter described</u> Land,rolling. Soil,gravelly loam,mixed with rock,3rd rate. Cedar and pinon. Good grass. At this cor.at noon,I set off 23°25$\frac{1}{2}$'S.on the decl arc, and observe the sun on the meridian. The resulting lat.is 35°33$\frac{1}{2}$'N. <u>hereinafter described</u></p>
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	N.0°2'W.bet.secs.9 and 10. Heavily rolling land,desc.gradually.
6.00	Enter dense green cedar and pinon,E.& W.
40.00	<p>Top of flat limestone ridge,bt. E.& SW. desc.gradually. 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 $\frac{1}{4}$ S 10 in E.half;from which A cedar,10 ins.dia.,bears S.5°E.166 lks.dist.,marked $\frac{1}{4}$ S 10 B T A pinon,10 ins.dia.,bears S.85°W.23 lks.dist.,marked $\frac{1}{4}$ S 9 B T</p>
80.00	<p>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 N R 8 W in N.half; S 4 in NW., S 3 in NE., S 10 in SE.,and S 9 in SW.quadrants;from which A cedar,20 ins.dia.,bears N.67$\frac{1}{2}$°E.123 lks.dist.,marked T 23 N R 8 W S 3 B T A cedar,10 ins.dia.,bears S.47°E.130 lks.dist.,marked T 23 N R 8 W S 10 B T A cedar,10 ins.dia.,bears S.51°W.151 lks.dist.,marked T 23 N R 8 W S 9 B T</p>

Subdivision of T 23 N. R. 8 W

Chains A cedar, 12 ins. dia., bears N. 64° W. 225 lks. dist., marked T 23 N R 8 W S. 4 B T
 Land, rolling.
 Soil, gravelly loam, 2nd rate.
 Cedar and pinon.
 Good grass.

40.00 N. 89° 57' E, on a random line, bet. secs. 3 and 10.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.06 Intersect N. & S. line, 2 lks. N. of the cor. of secs. 3, 3, 10 and 11, hereinbefore described,
 Thence I run
 S. 89° 58' W. on a true line, bet. secs. 3 and 10.
 Over rolling land, through scattering cedar and pinon.
 22.00 Draw, 2 chs. wide, course NW.
 40.03 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
 $\frac{1}{4}$ S 10 in S. half; from which
 A cedar, 9 ins. dia., bears N. 35 $\frac{1}{4}$ ° W. 36 lks. dist., marked $\frac{1}{4}$ S 3 B T
 A cedar, 10 ins. dia., bears S. 41 $\frac{1}{4}$ ° E. 77 lks. dist., marked $\frac{1}{4}$ S 10 B T
 80.06 Cor. of secs. 3, 4, 9, and 10, hereinbefore described
 Land, rolling.
 Soil, gravelly, rocky, 3rd rate.
 Cedar and pinon.
 Fair grass.

40.00 N. 0° 3' W. on a random line, bet. secs. 3 and 4
 Set temp. $\frac{1}{4}$ Sec. cor.
 79.90 Intersect N. bdy. of Tp. 9 lks. E. of cor. of secs. 3, 4, 33 & 34. ^{in Book 1}
 Recently established & described by me, whence I run,
 S. 0° 6' E. on a true line, bet. secs. 3 and 4.
 Over rolling land, through scattering cedar and pinon.
 39.90 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 W., and
 $\frac{1}{4}$ S 3 in E. half; from which.
 A cedar, 10 ins. dia., bears N. 14° E. 59 lks. dist., marked $\frac{1}{4}$ S 3 B T
 A cedar, 10 ins. dia., bears S. 66° W. 59 lks. dist., marked $\frac{1}{4}$ S 4 B T
 79.90 Cor. of secs. 3, 4, 9 and 10, hereinbefore described.
 Land, rolling.
 Soil, gravelly loam, rocky, 3rd rate.
 Cedar and pinon.
 Fair grass.

Dec. 23, 1911.

Dec. 24, 1911.
 At 8h. a.m., 1.m.t., I set off 23° 22' S. on the decl. arc;
 35° 20' N. on the lat. arc, and determine a meridian with
 the solar, at the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of Tp.
 Recently established & described by me, ^{in Book 1} whence I run,
 N. 0° 3' W. bet. secs. 32 and 33.
 Over rolling land, through scattering cedar.
 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 32 in W., and
 $\frac{1}{4}$ S 33 in E. half; from which
 A cedar, 12 ins. dia., bears S. 73 $\frac{1}{2}$ ° W. 279 lks. dist., marked $\frac{1}{4}$ S 32 B T
 A cedar, 12 ins. dia., bears S. 25 $\frac{1}{2}$ ° E. 80 lks. dist., marked $\frac{1}{4}$ S 33 B T
 80.00 Set an iron post, 3 ft. long, 3 ins. in dia., 24 ins. in the ground, for cor. of secs. 32, 29, 32 and 33, marked on brass cap,
 T 23 N R 8 W in N. half;

Subdivision of T.23 N., R.8 W.

Chains

S 29 in NW.,
S 28 in NE.,
S 33 in SE., and
S 32 in SW. quadrants; from which
A cedar, 20 ins. dia., bears N. 64½° E. 258 lks. dist., marked
T 23 N R 8 W S 28 B T
A cedar 9 ins. dia., bears S. 58½° E. 105 lks. dist., marked
T 23 N R 8 W S 33 B T
A cedar, 6 ins. dia., bears S. 25½° W. 55 lks. dist., marked
T 23 N R 8 W S 32 B T
A cedar, 6 ins. dia., bears N. 75° W. 23 lks. dist., marked
T 23 N R 8 W S 29 B T

Land, rolling.
Soil, sandy loam, 2nd rate.
Cedar.
Good grass.

N. 89° 59' E, on a random line, bet. secs. 28 and 33
40.00 Set temp. ¼ sec. cor.
79.98 Intersect N. & S. line, 2 lks. N. of cor. of secs. 27, 28, 33 & 34
 Thence I run hereinafter described
West on a true line, bet. secs. 28 and 33.
Descending along SW. slope of ridge, through dense cedar
and pinon.
18.00 Draw, 50 lks. wide, course NW.; asc.
22.00 Ridge, NW. & SE.; desc.
33.50 Draw, 2 chs. wide, course NW.; asc.
39.99 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 28 in N., and
 S 33 in S. half; from which
A cedar 10 ins. dia., bears N. 14½° W. 60 lks. dist., marked
 ¼ S 28 B T
A pinon, 8 ins. dia., bears S. 9½° W. 68 lks. dist., marked
 ¼ S 33 B T
44.00 Ridge, NW. & SE.; desc.
53.00 Draw, 1 ch. wide, course NW.; asc.
69.00 Ridge, NW. & SE.; desc.
79.98 Cor. of secs. 28, 29, 32 and 33 hereinafter described
Land, rolling.
Soil, gravelly, limestone croppings, 3rd rate.
Cedar and pinon.
Fair grass.

N. 0° 3' W. bet. secs. 28 and 29.
Over rolling land, through scattering cedar.
40.00 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 29 in W., and
 S 28 in E. half;
dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and
raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.
At this cor., at noon, I set off 23° 25' S. on the decl. arc,
and observe the sun on the meridian.
The resulting lat. is 35° 21½' N.
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 and 29, marked on brass
cap, T 23 N R 8 W in N. half;
 S 20 in NW.,
 S 21 in NE.,
 S 28 in SE., and
 S. 29 in SW. quadrants; from which
A cedar, 6 ins. dia., bears S. 62½° E. 142 lks. dist., marked
 T 23 N R 8 W S 28 B T
A cedar, 7 ins. dia., bears N. 24½° W. 67 lks. dist., marked
 T 23 N R 8 W S 20 B T No other trees available
dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and
raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.
Land, rolling. Soil, sandy loam, 2nd rate.
Scattering cedar. Good grass.

Subdivision of T.23 N., R 8 W.

Chains East on a random line, bet. secs. 21 and 28.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.06 Intersect N. & S. line, at cor. of secs. 21, 22, 27 and 28. hereinbefore described
 Thence I run
 West on a true line, bet. secs. 21 and 28.
 Along N. slope of ridge, through dense cedar and pinon.
 10.00 Ridge, NW. & SE. ~~idea~~
 18.00 Draw, 3 chs. wide, course NW.; asc. (30.00 Ridge NW. & SE.; desc.
 40.03 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 21 in N., and
 $\frac{1}{4}$ S 28 in S. half; from which
 A cedar, 16 ins. dia., bears N. $9\frac{1}{4}^{\circ}$ E. 47 lks. dist., marked
 $\frac{1}{4}$ S 21 B T
 A cedar, 13 ins. dia., bears S. $8\frac{1}{2}^{\circ}$ E. 87 lks. dist., marked
 $\frac{1}{4}$ S 28 B T
 44.50 Draw, 3 chs. wide, course NW.; asc.
 59.00 Ridge, NW. & SE.; desc.
 80.06 Cor. of secs. 20, 21, 28 and 29, hereinbefore described.
 Land, rolling.
 Soil, gravelly loam, 2nd and 3rd rate.
 Cedar, pinon and greasewood.
 Good grass.

N. $0^{\circ}3'$ W. bet. secs. 20 and 21
 Over rolling land.
 1.00 Leave cedar, 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 20 in W., and
 $\frac{1}{4}$ S 21 in E. half;
 dig pits, 18x18x12 ins., N. and 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.
 67.00 Asc. rocky limestone ridge, and enter cedar, E. & W.
 80.00 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 N R 8 W in N. half;
 S 17 in NW.,
 S 16 in NE.,
 S 21 in SE., and
 S 20 in SW. quadrants; from which
 A cedar, 7 ins. dia., bears N. 4° E. 100 lks. dist., marked
 T 23 N R 8 W S 16 B T
 A cedar, 7 ins. dia., bears S. $44\frac{1}{2}^{\circ}$ W. 69 lks. dist., marked
 T 23 N R 8 W S 20 B T
 A cedar, 10 ins. dia., bears N. 71° W. 15 lks. dist., marked
 T 23 N R 8 W S 17 B T No other trees available;
 raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W of cor.
 Land, rolling.
 Soil, sandy loam.
 Scattering cedar.
 Good grass.

Dec. 24, 1911.

DEC. 26, 1911.
 At 8 h. a. m. l. m. t. I set off $23^{\circ}19\frac{1}{2}'$ S. on the decl. arc;
 $35^{\circ}22\frac{1}{2}'$ N. on the lat. arc, and determine a meridian with
 the solar, at the cor. of secs. 16, 17, 20 and 21.
 Thence I run hereinbefore described
 East on a random line, bet. secs. 16 and 21.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect N. & S. line, 5 lks. N. of the cor. of secs. 15, 16, 21
 and 22, hereinbefore described,
 Thence I run
 N. $89^{\circ}58'$ W. on a true line, bet. secs. 16 and 21.
 26.00 Draw, 5 chs. wide, course SW.; asc. gradually.
 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

Subdivision of T.23 N., R.8 W.

Chains

- $\frac{1}{4}$ S 16 in N., and
 S 21 in S. half; from which
 A cedar, 8 ins. dia., bears N. 29° W. 43 lks. dist., marked
 $\frac{1}{4}$ S 16 B T
 A cedar, 7 ins. dia., bears S. $54\frac{1}{2}^{\circ}$ W. 84 lks. dist., marked
 $\frac{1}{4}$ S 21 B T
 66.00 Ridge, N. & S.; desc.
 80.04 Cor. of secs. 16, 17, 20 and 21, hereinbefore described.
 Land, rolling.
 Soil, sandy loam, 2nd rate.
 Cedar and pinon.
 Good grass.
-
- N. $0^{\circ}3'$ W. bet. secs. 16 and 17.
 Over rough, broken limestone ridges, the timber on which
 has been destroyed by fire.
 20.00 Ridge, NW. & SE.; desc.
 23.00 Wash, 10 lks. wide, near head, course NE.; asc.
 30.00 Ridge, NE. & SW.; desc.
 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 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.
 49.00 Wash, 10 lks. wide, course NE.; asc.
 64.00 Ridge, NE. & SW.; desc.
 80.00 Set an iron post, 3 ft. long, 3 ins. in dia., 24 ins. in the
 ground, for cor. of secs. 8, 9, 16 & 17, marked on brass cap
 T 23 N R 8 W in N. half;
 S 8 in NW.,
 S 9 in NE.,
 S 16 in SE., and
 S 17 in SW. quadrants;
 dig pits, 18x18x13 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, sandy loam, mixed with gravel, 2nd rate.
 Greasewood and scrub oak.
 Sparse grass.
-
- S. $89^{\circ}58'$ E, on a random line, bet. secs. 9 and 16.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect N. & S. line, 9 lks. S. of cor. of secs. 9, 10, 15 & 16,
 Thence I run hereinbefore described
 S. $89^{\circ}58'$ W. on a true line, bet. secs. 9 and 16.
 Over high rolling land, through scrub oak brush.
 16.00 Ridge, NNE. & SSW.; desc.
 29.00 Draw, 1.50 chs. wide, course NE.; asc.
 36.00 Ridge, NE. & SW.; desc.
 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 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.
 51.00 Draw, 2 chs. wide, course NNE.; asc. abruptly.
 64.00 Ridge, NNE. & SSW.; desc.
 80.04 Cor. of secs. 8, 9, 16 and 17, hereinbefore described.
 Land, rough, broken, limestone formation.
 Soil, stoney, rocky, 3rd rate.
 Most of the vegetation has been destroyed by fire.
 At this cor., at noon, I set off $23^{\circ}23'$ S. on the decl. arc,
 and observe the sun on the meridian.
 The resulting lat. is $35^{\circ}23\frac{1}{2}'$ N.
hereinbefore described.

Subdivision of T.23 N., R.8 W.

Chains	
	N.0°3'W. bet. secs. 8 and 9.
40.00	Over rolling limestone ridges, and burnt area. 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;
74.00	raise a mound of stone, 2 ft. base, and $1\frac{1}{2}$ ft. high, W. of cor.
80.00	Leave burnt area and enter dense cedar and pinon. 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 N R 8 W in N. half;
	S 5 in NW.,
	S 4 in NE.,
	S 9 in SE., and
	S 8 in SW. quadrants; from which
	A cedar, 9 ins. dia., bears N. 55 $\frac{1}{4}$ ° E. 61 lks. dist., marked
	T 23 N R 8 W S 4 B T
	A pinon, 8 ins. dia., bears S. 22° E. 25 lks. dist., marked
	T 23 N R 8 W S 9 B T
	A cedar, 9 ins. dia., bears S. 71 $\frac{1}{2}$ ° W. 97 lks. dist., marked
	T 23 N R 8 W S 8 B T
	A cedar 9 ins. dia., bears N. 41 $\frac{1}{4}$ ° W. 100 lks. dist., marked
	T 23 N R 8 W S 5 B T
	Land, broken, rough.
	Soil, gravelly, rocky, 3rd rate.
	Cedar and pinon in last 6 chs.
	Fair grass.
40.00	N. 89° 58' E, on a random line, bet. secs. 4 and 9. Set temp. $\frac{1}{4}$ sec. cor.
80.03	Intersect N. & S. line, 2 lks. S. of cor. of secs. 3, 4, 9 and 10. Thence I run <u>hereinbefore described</u>
	S. 89° 57' W. on a true line, bet. secs. 4 and 9.
23.00	Over rolling land, through burnt area.
33.00	Draw, 1 ch. wide, course NNE.; asc.
40.01	Ridge, NE. & SW.; 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 4 in N., and
	bedrock on S. side of $\frac{1}{4}$ S 4 in E. half;
44.00	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
58.00	Draw, 50 lks. wide, course NE.; asc.
68.00	Ridge, NE. & SW.; desc.
72.00	Draw, 50 lks. wide, course NE.
80.03	Leave burnt area, enter dense cedar and pinon.
	Cor. of secs. 4, 5, 8 and 9, hereinbefore described.
	Land, rolling.
	Soil, gravelly, rocky, 3rd rate.
	8 chs. of cedar and pinon.
	Fair grass.
40.00	N. 0° 3' W. on a random line, bet. secs. 4 and 5. Set temp. $\frac{1}{4}$ sec. cor.
79.93	Intersect N. bdy. of Tp. 16 lks. E. of cor. of secs. 4, 5, 32 & 33 Recently established & described by me ^{in Book 1} whence I run, S. 0° 10' E. on a true line, bet. secs. 4 and 5.
7.00	Over rolling land, through dense cedar and pinon. Draw, 6 chs. wide, course NNW.
39.93	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; from which
	A pinon, 8 ins. dia., bears N. 43 $\frac{1}{4}$ ° W. 13 lks. dist., marked
	in Book 1 $\frac{1}{4}$ S 5 B T
	A cedar, 6 ins. dia., bears S. 16 $\frac{1}{2}$ ° E. 35 lks. dist., marked
	$\frac{1}{4}$ S 4 B T
79.93	Cor. of secs. 4, 5, 8 and 9, hereinbefore described.
	Land, rolling.
	Soil, gravelly, rocky, 3rd rate. Cedar and pinon. Sparse grass.
	Dec. 26, 1911.

Subdivision of T.23 N., R.8 W.

- Chains Dec. 27, 1911.
At 8h.a.m., l.m.t., I set off $23^{\circ}17\frac{1}{2}'$ S. on the decl. arc; $35^{\circ}20'$ N. on the lat. arc, and determine a meridian with the solar, at the cor. of secs. 5, 6, 31 and 32, on the S. bdy. Of the Tp. recently established & described by me, ^{in Book 1} whence I run, N. $0^{\circ}3'$ W. bet. secs. 31 and 32.
Over slightly 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 31 in W., and
S 32 in E. half;
dig pits, 18x18x12 ins., N. and 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.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 29, 30, 31 & 32, marked on brass cap
T 23 N R 8 W in N. half;
S 30 in NW.,
S 29 in NE.,
S 32 in SE., and
S 31 in SW. quadrants;
dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, and 2 ft. high, W. of cor.
Land, slightly rolling.
Soil, sandy loam, 2nd rate.
No timber.
Good grass.
-
- N. $89^{\circ}59'$ E. on a random line, bet. secs. 29 and 32.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.02 Intersect N. and S. line, 5 lks. N. of cor. of secs. 28, 29, 32 & 33, hereinbefore described
Thence I run
N. $89^{\circ}59'$ W. on a true line, bet. secs. 29 and 32.
Over slightly 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 29 in N., and
S. 32 in S. half;
dig pits, 18x18x12 ins., E. and 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.
- 80.02 Cor. of secs. 29, 30, 31 and 32, hereinbefore described.
Land, slightly rolling.
No timber.
Good grass.
Soil, sandy loam, 2nd rate.
-
- S $89^{\circ}59'$ W. on a random line, bet. secs. 30 and 31.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.05 Intersect 2nd Guide Meridian W. 5 lks. N. of cor. of secs. 25, 30, 31 and 36, which is an iron post, 3 ins. in dia., 12 ins. above ground, ^{with brass cap} marked and witnessed as described by the surveyor general.
Thence I run
N. $89^{\circ}57'$ E. on a true line, bet. secs. 30 and 31.
Over slightly rolling land.
- 39.05 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 30 in N., and
S 31 in S. half;
dig pits, 18x18x12 ins., E. and 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.
At this cor. at noon, I set off $23^{\circ}20'$ S. on the decl. arc, and observe the sun on the meridian.
The resulting lat. is $35^{\circ}21'$ N.
- 79.05 Cor. of secs. 29, 30, 31 and 32, hereinbefore described.
Land, slightly rolling.
Soil, sandy loam, 2nd rate.
No timber.
Good grass.

Subdivision of T.23 N.,R.8 W.

Chains N.0°3'W.bet.secs.29 and 30.
 Over slightly 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 30 in W.,and
 S 29 in E.half;
 dig pits,18x18x12 ins.N.and 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.
 80.00 Set an iron post,3 ft.long,2 ins.in dia.,24 ins.in the ground,for cor.of secs.19,20,29 and 30,marked on brass cap,
 T 23 N R 8 W in N.half;
 S 19 in NW.,
 S 20 in NE.,
 S 29 in SE.and
 S 30 in SW.quadrants;
 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,slightly rolling.
 Soil,sandy loam,2 nd rate..
 No timber.
 Good grass.

S.89°59'E,on a random line,bet.secs.20 and 29.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 80.12 Intersect N.and S.line,9 lks.S.of the cor.of secs.20,21, 28 and 29.hereinbefore described and established
 thence I run
 S.89°57'W,on a true line,bet.secs.20 and 29.
 Over slightly rolling land.
 40.06 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 20 in N.half.,and
 S 29 in S.half;
 dig pits,18x18x12 ins.,E.and 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.
 80.12 Cor.of secs.19,20 29 and 30 hereinbefore described
 Land,slightly rolling.
 Soil,sandy loam,2nd rate.
 No timber.
 Good grass.

Dec.27,1911.

Dec.28,1911
 At 8h.a.m.,I set off 23°15'S.on the decl.arc;
 35°21 $\frac{1}{2}$ 'N.on the lat.arc,and determine a meridian with the solar,at the cor.of secs.19,20,29 and 30.
 Thence I run
 S.89°57'W,on a random line,bet.secs.19 and 30. hereinbefore described
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 79.02 Intersect 2nd Guide Meridian W.,2 lks.S.of the cor.of secs. 19,24,25 and 30.which is an iron post 3ins.in diam.,1 ft.above ground,with brass cap marked & witnessed as described By the Surveyor General.
 Thence I run
 N.89°58'E.,om a true line,bet.secs.19 and 30.
 Over slightly rolling land,
 39.02 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 19 in N.,and
 S 30 in S.half;
 dig pits,18x18x12 ins.,E,and 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.
 79.02 Cor.of secs.19,20,29 and 30.hereinbefore described
 Land,slightly rolling.
 Soil,sandy loam,2nd rate.
 No timber.
 Good grass.

Subdivision of T.23 N.,R8 W.

- Chains N.0°3'W.bet.secs.19 and 20.
Over slightly 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 19 in W.,and
S 20 in E.half;
dig pits,18x18x12 ins.,N and 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.
- 80.00 Set an iron post,3 ft.long,3 ins.in dia.,24 ins.in the ground,for cor.of secs.17,18,19 & 20,marked on brass cap
T 23 N R 8 W in N.half;
S 18 in NW.,
S 17 in NE.,
S 20 in SE.,and
S 19 in SW.quadrants;
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,slightly rolling.
Soil,sandy loam,2nd rate.
No timber.
Good grass.
-
- 40.00 N.89°57'E, on a random line,bet.secs.17 and 20.
Set temp. $\frac{1}{4}$ sec.cor.
- 80.06 Intersect N.and S.line,5 lks.N.of cor.of secs.16,17,20 and 21 ~~hereinbefore described~~
Thence I run
S.89°59'W.on a true line,bet.secs.17 and 20.
Desc.SW.slope of ridge,through scattering cedar and pinon.
- 40.03 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 N.,and
S 20 in S.half;from which
A pinon,9 ins.dia.,bears N.36 $\frac{1}{2}$ °E.147 lks.dist.,marked
 $\frac{1}{4}$ S 17 B T
A pinon,7 $\frac{1}{2}$ ins.dia.,bears S.61 $\frac{3}{4}$ °E.150 lks.dist.,marked
 $\frac{1}{4}$ S 20 B T
- 61.00 Foot of ridge,leave cedar and pinon,N.and S.
- 80.06 Cor.of secs.17,18,19 and 20 ~~hereinbefore described~~
Land,heavily rolling.
Soil,gravelly loam,2nd and 3rd rate.
Scattering cedar and pinon.
Fair grass.
At this cor.,at noon,I set off 23°17 $\frac{1}{2}$ 'S.on the decl.arc, and observe the sun on the meridian.
The resulting lat.is 35°22 $\frac{1}{2}$ 'N.
-
- 40.00 S.89°58'W, on a random line,bet.secs.18 and 19.
Set temp. $\frac{1}{4}$ sec.cor.
- 78.99 Intersect 2nd Guide Meridian W.2 lks.N.of the cor.of secs. 13,18,19 and 24,which is an iron post,3 ins.in dia., 12 ins.above ground, ^{with brass cap} marked and witnessed as described by the Surveyor General.
Thence I run
N.89°57'E. on a true line,bet.secs.18 and 19.
Over slightly rolling land.
- 38.99 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 18 in N.,and
S.19 in S.half;
dig pits,18x18x12 ins.,E and 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.
- 78.99 Cor.of secs.17,18 19 and 20. ~~hereinbefore described~~
Land,slightly rolling.
Soil,sandy loam,2nd rate.
No timber.
Good grass.

Subdivision of T.23 N., R.8 W.

Chains	
	N. 0°3' W. bet. secs. 17 and 18 Over rolling land.
25.00	Enter cedar and pinon, E. & W., scattering.
36.00	Asc.
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 18 in W., and S 17 in E. half; from which A cedar, 8 ins. dia., bears S. 65 $\frac{1}{2}$ ° E. 85 lks. dist., marked $\frac{1}{4}$ S 17 B T A cedar, 10 ins. dia., bears N. 37 $\frac{1}{4}$ ° W. 155 lks. dist., marked $\frac{1}{4}$ S 18 B T
42.00	Ridge, E. & W.; desc.
49.00	Wash, 10 lks. wide, course SW.
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 N R 8 W in N. half; S 7 in NW., S 8 in NE., S 17 in SE., and S 18 in SW. quadrants; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. No trees available. Land, rolling, broken in northern part. Soil, gravelly loam, 2nd and 3rd rate. Scattering cedar and pinon. Fair grass. Dec. 28, 1911. (Dec. 29th and 30th, snowing.)
	Dec. 31, 1911. At 8h. a.m., 1.m.t., I set off 23°5' S. on the decl. arc; 35°23 $\frac{1}{2}$ ' N. on the lat. arc., and determine a meridian with the solar, at the cor. of secs. 7, 8, 17 and 18. hereinbefore described. Thence I run N. 89°59' E. on a random line, bet. secs. 8 and 17.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect N. and S. line, at cor. of secs. 8, 9, 16 and 17. Thence I run S. 89°59' W. on a true line, bet. secs. 8 and 17. Desc. through fire swept area.
11.00	Gulch, 20 lks. wide, course NW.; asc.
17.00	Ridge, NW. & SE.; desc.
39.99	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.
42.00	Draw, 1 ch. wide, course NNW.; asc.
56.00	Ridge, NNW. & SSW.; desc.
79.98	Cor. of secs. 7, 8, 17 and 18. hereinbefore described Land, heavy rolling. Soil, gravelly loam, mixed with rock, 2nd and 3rd rate. Greasewood brush. Good grass.
	S. 89°57' W. on a random line, bet. secs. 7 and 18.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.97	Intersect 2nd Guide Meridian W., 5 lks. N. of the cor of secs. 7, 12, 13 and 18, which is an iron post, 3 ins. in dia., 12 ins. above ground, marked and witnessed as described by the Surveyor General. Thence I run N. 89°55' E. on a true line, bet. secs. 7 and 18. Over slightly rolling land.
38.97	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 7 in N., and S 18 in S half;

Subdivision of T.23 N., R.8 W.

Chains

- dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.
- 51.00 Asc.
 69.00 Ridge, NE. & SW.; desc.
 74.00 Gulch, 15 lks. wide, course SW.; asc.
 78.97 Cor. of secs. 7, 8, 17 and 18, ~~hereinbefore~~ described.
 Land, rolling.
 Soil, sandy, gravelly, loam, 2nd and 3rd rate.
 Fair grass.
-
- N0°3'W. bet. secs. 7 and 8
 Over rough, rolling land.
- 3.00 Wash, 10 lks. wide, course SW.; asc.
 11.00 Ridge, ENE. & WSW., and along E. slope of ridge.
 30.50 Ridge, NNE. & SSW.; desc.
 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 7 in W. half., and
 $\frac{1}{4}$ S 8 in E. half;
 raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
- 57.00 Wash, 10 lks. wide, course NW.
 66.50 Wash, 10 lks. wide, course W.
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, marked on brass cap
 T 23 N R 8 W in N. half;
 S 6 in NW.,
 S 5 in NE.,
 S 8 in SE., and S 7 in SW. quadrants;
 raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, heavily rolling.
 Soil, gravelly, rocky loam, 2nd and 3rd rate.
 No timber.
 Fair grass.
 At this cor. at noon, I set off 23°7'S. on the decl. arc, and observe the sun on the meridian.
 The resulting lat. is 35°24½'N.
-
- N. 89°59'E, on a random line, bet. secs. 5 and 8.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Intersect N. and S. line, 7 lks. N. of cor. of secs. 4, 5, 8 & 9, hereinbefore described
 thence I run
 N. 89°58'W. on a true line, bet. secs. 5 and 8.
 Over rolling land, through dense cedar.
- 27.00 Leave cedar, NW. & SE., and enter burnt area.
 32.00 Asc. gradual NE. slope.
 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 5 in N., and
 $\frac{1}{4}$ S 8 in S. half;
 raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
- 55.00 Ridge, NW. & SE.; desc.
 79.96 Cor. of secs. 5, 6, 7 and 8, ~~hereinbefore~~ described.
 Land, rolling.
 Soil, gravelly, rocky, 2nd and 3rd rate.
 Cedar on E. 27 chs.
 Greasewood brush.
 Good grass.
-
- S. 89°55'W, on a random line, bet. secs. 6 and 7.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 78.95 Intersect 2nd Guide Meridian W. 7 lks. S. of the cor. of secs. 1, 6, 7 and 12, which is an iron post 3 ins. in diam, 1 ft. above ground, with brass cap marked & witnessed as described by the Surveyor General.
 Thence I run
 N. 89°58'E, on a true line, bet. secs. 6 and 7.
 Over slightly rolling land.

Subdivision of T.23 N.,R.8 W.

- Chains
38.95 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;
raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 70.50 Ridge, N. & SW.; desc.
72.50 Wash, 10 lks. wide, course SW.; asc.
77.00 Ridge, NE. & SW.; desc.
78.95 Cor. of secs. 5, 6, 7 and 8, hereinbefore described.
Land, rolling.
Soil, sandy loam, 40 chs., 2nd rate, rocky, gravelly, 40 chs.
3rd rate.
Burnt area, no timber.
Good grass.
-
- N. $0^{\circ}3'$ W. on a random line, bet. secs. 5 and 6.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.91 Intersect N. bdy. of Tp., 7 lks. W. of cor. of secs. 5, 6, 31 & 32. ^{in Book 1}
Recently established & described by me, whence I run,
South, on a true line, bet. secs. 5 and 6.
Over rough, broken land, through cedar.
- 17.30 Wash, 30 lks. wide, course SW.; asc.
22.00 Leave cedar, enter burnt area.
39.91 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 W., and
S 5 in E. half;
raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 42.00 Ridge, NW. & SE.; desc.
62.00 Wash, 10 lks. wide, course SW.; asc.
78.00 Ridge, NE. & SW.; desc.
79.91 Cor. of secs. 5, 6, 7 and 8, hereinbefore described.
Land, rolling, rough.
Soil, gravelly, rocky, 3rd rate.
Cedar on first 22 chs.
Fair grass.

General Description.

T.23 N., R.8 W., lies partly in, and to the N. and E., of what is locally known as "74 Plains". The N. and E. part is rough and broken, and covered with a growth of cedar and pinon, (not suitable for lumber) where not devastated by fire. There is no water in the Tp., and no settlers. The SW. portion would produce well if water could be obtained in sufficient quantities for irrigation. The land is of but little value except for grazing purposes. No indication of minerals in the Tp.

Dec. 31, 1911.

William H. Elliott
U.S. Surveyor.

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Subdivisions Group 15

BOOK 2435 for

FINAL OATH OF UNITED STATES SURVEYOR.

WILLIAM H. ELLIOTT

See Book "U"

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

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

U. S. Surveyor.

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



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix Arizona, April 21, 1913

The foregoing field notes of the survey of _____

the subdivisions lines of Township 23 North, Range 8 West

Gila & Salt River Base & Meridian

Arizona

executed by William H. Elliott, U.S. Surveyor

under his special instructions for Group 15, dated _____

August 28, 1911

, 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. Gault

U. S. Surveyor General.

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

U. S. Surveyor General.