

2431

4-679

BOOK 2431

AUG. 2- 1912

Book "M"

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# FIELD NOTES

OF THE SURVEY OF THE

Subdivision of T. 24 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 Jan. 1, 1912, 191

Survey completed Jan. 10, 1912, 191

BOOK 2431

# INDEX DIAGRAM.

Township 24 N., Range 8 W.  
6th Standard Parallel North

2nd Guide Meridian West

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—— Book 1  
—— Book 2

## Subdivision of T. 24 N., R. 8 W.

Chains

- Survey commenced Jan. 1, 1912., and executed with A Young & Son's light mountain transit No. 8480, with Smith's patent solar attachment on side. The horizontal limb of the instrument is read by two double verniers placed opposite to each other to single minutes of arc, which is also the least reading of the verniers of the lat. and decl. arcs. Knowing from recent and repeated tests made on a true meridian established by Polaris observation that my instrument is in correct adjustment, I begin at the cor. of secs. 1, 2, 35 & 36, on the south boundary of the Tp., as recently established & described by me, lat.  $35^{\circ}25'15''$  N., long.  $113^{\circ}04'29''$  W. Book 1
- At this cor., at 8h a.m., l.m.t., I set off  $23^{\circ}01'S.$  on the decl. arc, and  $35^{\circ}25'N.$  on the lat. arc, and determine a meridian with the solar. Thence I run, as per instructions, N.  $0^{\circ}1'W.$ , bet. secs. 35 & 36. Var.  $16^{\circ}E.$
- Over gently rolling valley.
- 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 35 in W., and S 36 in E. half; dig pits  $18 \times 13 \times 12$  ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 25, 26, 35 & 36, marked on brass cap, T 24 N R 8 W, in N. half, S 26 in NW., S 25 in NE., S 36 in SE., and S 35 in SW. quad.; dig pits  $18 \times 13 \times 12$  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, gently rolling. Soil, 3rd rate, gravelly, stony. Sage brush, few cacti, good grass.
- 
- hereinbefore described.
- N.  $89^{\circ}59'E.$ , on a random line, bet. secs. 25 & 36.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.02 Intersect East bdy. of Tp. 7 lks. N. of cor. of in Book 1, secs. 25, 30, 31 & 36, recently estab. & described by me, whence I run, N.  $89^{\circ}59'W.$ , on a true line, bet. secs. 25 & 36. Over gently rolling valley.
- 25.00 Road, brs. NW. & SE., Seligman to Kingman.
- 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 25 in N., and S 36 in S. half; dig pits  $18 \times 13 \times 12$  ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 53.70 Telegraph line, brs. NW. & SE., parallels R.R. below.
- 54.83 Centre of single track of main line of Atchison Topeka & Santa Fe Railroad, brs. N.  $56^{\circ}09'W.$  & S.  $56^{\circ}09'E.$
- 56.30 Telegraph line, parallel to R.R.
- 80.02 To cor. of secs. 25, 26, 35 & 36, hereinbefore described. Land, rolling. Soil, 3rd rate, gravelly, loose, stony. Sparse sage brush, cacti, fine grass.

## Chains.

- N.  $0^{\circ} 1'$  W., bet. secs. 25 & 26.  
Over gently rolling land.
- 15.86 Telegraph line, parallel to R.R. below.
- 16.89 A. T. & S. F. R. R., brs. N.  $56^{\circ} 09'$  W. & S.  $56^{\circ} 09'$  E.
- 17.64 Telegraph line, parallel to R.R.
- 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 26 in W., and S 25 in E. half;  
dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 48.44 Road, brs. NW. & SE., Seligman to Kingman.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 23, 24, 25 & 26, marked on brass cap, T 24 N R 8 W, in N. half,  
S 23 in NW.,  
S 24 in NE.,  
S 25 in SE., and  
S 26 in SW. quad.;
- dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
- Land, rolling. Soil, 3rd rate, gravelly, loamy.  
Scattering sage brush, cacti, good grass.

- S.  $89^{\circ} 59'$  E., on a random line, bet. secs. 24 & 25.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.04 Intersect E. bdy. of Tp. 2 lks. S. of cor. of ~~in Book 1,~~ in Book 1, secs. 19, 24, 25 & 30, ~~recently established~~ described by me, whence I run, N.  $89^{\circ} 59'$  W., on a true line, bet. secs. 24 & 25.  
Over gently rolling valley.
- 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 24 in N., and S 25 in S. half.;
- dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 80.04 To cor. of secs. 23, 24, 25 & 26, hereinbefore described.  
Land, gently rolling. Soil, 3rd rate, gravelly, loose.  
Scattering sage brush, cacti, good grass.

- N.  $0^{\circ} 1'$  W., bet. secs. 23 & 24.  
Over gently rolling land.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  $\frac{1}{4}$  S 23 in W., and S 24 in E. half;
- dig pits 18 x 18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of ~~secs. 13, 14, 23 & 24,~~ secs. 13, 14, 23 & 24, marked on brass cap, T 24 N R 8 W, in N. half,  
S 14 in NW.,  
S 13 in NE.,  
~~bedrock~~ ~~and~~ ~~SE.~~ and  
S 23 in SW. quad.;
- dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
- Land, rolling.  
Soil, 3rd rate, gravelly, loose, dry.  
Sage brush, cacti, good grass.  
At this cor., at noon, I set off  $23^{\circ} 03'$  S. on the decl. arc, and observe the sun on the meridian.  
The resulting lat. is  $35^{\circ} 28'$  N.

Subdivision of T. 24 N., R. 8 W.

Chains.

S. 89°59' E., on a random line, bet. secs. 13 & 24.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.04 Intersect E. bdy. of Tp. 24 lks. S. of cor. of in Book 1,  
 secs. 13, 18, 19 & 24, recently estab. & described by me, whence I run,  
 West, on a true line, bet. secs. 13 & 24.  
 Over gently rolling land.  
 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 13 in N., and  
 S 24 in S. half;  
 dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and  
 raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 80.04 To cor. of secs. 13, 14, 23 & 24, hereinbefore described.  
 Land, rolling.  
 Soil, 3rd rate, gravelly, loose.  
 Sage brush, few cacti, good grass.

N. 0° 1' W., bet. secs. 13 & 14.  
 Over gently undulating, grassy valley.  
 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 14 in W., and  
 S 13 in E. half;  
 dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and  
 raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for cor. of secs. 11, 12, 13 & 14, marked on  
 brass cap, T 24 N R 8 W, in N. half,  
 S 11 in NW.,  
 S 12 in NE.,  
 S 13 in SE., and  
 S 14 in SW. quad.;  
 dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and  
 raise a mound of earth 4 ft. base, 2 ft. high W. of cor.  
 Land, gently rolling.  
 Soil, 3rd rate, gravelly, sandy, loose, dry.  
 Sage brush, cacti, good grass.

East, on a random line, bet. secs. 12 & 13.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.02 Intersect E. bdy. of Tp. 24 lks. N. of cor. of in Book 1,  
 secs. 7, 12, 13 & 18, recently estab. & described by me, whence I run,  
 N. 89°59' W., on a true line, bet. secs. 12 & 13.  
 Over gently undulating valley, loose, sandy loam.  
 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 12 in N., and  
 S 13 in S. half;  
 dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and  
 raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 80.02 To cor. of secs. 11, 12, 13 & 14, hereinbefore described.  
 Land, rolling gently.  
 Soil, 3rd rate, gravelly, loose, sandy loam.  
 Sage brush, cacti, good grass.

## Chains.

- N.  $0^{\circ} 1'$  W., bet. secs. 11 & 12.  
Over gently undulating grassy valley.
- 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 11 in W., and S 12 in E. half;  
dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 1, 2, 11 & 12, marked on brass cap, T 24 N R 8 W, in N. half,  
S 2 in NW.,  
S 11 in NE.,  
S 12 in SE., and  
S 11 in SW. quad.;  
dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.  
Land, gently rolling, level.  
Soil, 3rd rate, gravelly, loose, sandy.  
Sage brush, cacti, good grass.
- 
- S.  $89^{\circ} 59'$  E., on a random line, bet. secs. 1 & 12.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.02 Intersect E. bdy. of Tp. at cor. of secs. 1, 6, 7 & 12, <sup>in Book 1,</sup> recently established described by me, whence I run,  
N.  $89^{\circ} 59'$  W., on a true line, bet. secs. 1 & 12.  
Over level 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 1 in N., and S 12 in S. half;  
dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 80.02 To cor. of secs. 1, 2, 11 & 12, **hereinbefore described.**  
Land, level, gently undulating.  
Soil, 3rd rate, sandy, loose, loamy.  
Sage brush, cacti, good grass.
- 
- N.  $0^{\circ} 1'$  W., on a true line, bet. secs. 1 & 2.
- 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 2 in W., and S 1 in E. half;  
dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 73.06 Intersect 6th Standard Parallel North at a point, whence Standard cor. of Tps. 25 N., Rs. 7 & 8 W., brs. East, 20.85 chs. dist., which is an iron post 3 ins. in diam. 1 ft. above ground, with brass cap, marked and witnessed as described by the Surveyor-General.  
Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 1 & 2, marked on brass cap, C C, S. of centre,  
T 25 N, R 7 W S 31, R 8 W S 36, in N. half,  
S 1 in SE., and  
S 2 in SW. quad.;  
dig pits 24x18x12 ins., crosswise on each line, E. & W. 3 ft., and S. of cor. 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high S. of cor.  
Land, gently undulating.  
Soil, 3rd rate, sandy, loose, loamy.  
Sparse sage brush, cacti, good native grass.

Jan. 1, 1912.

## Chains.

- Jan. 2, 1912.  
 At 8h a.m., l.m.t., at the cor. of secs. 2, 3, 34 & 35,  
 on the S. bdy. of the Tp., recently estab. & described by me in Book 1,  
 I set off  $22^{\circ}56'S.$  on the decl. arc, and  $35^{\circ}25'N.$  on  
 the lat. arc, and determine a meridian with the solar.  
 Thence I run,  
 $N. 0^{\circ} 1' W.$ , bet. secs. 34 & 35.  
 Over rolling land, desc. grad., through heavy cedar and  
 pinon.
- 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 34 in W., and  
 S 35 in E. half; from which,  
 A pinon tree 7 ins. diam. brs.  $N. 83^{\circ} E.$  82 lks. dist.,  
 marked  $\frac{1}{4}$  S 35 B T.  
 A cedar tree 20 ins. diam. brs.  $N. 3\frac{3}{4}^{\circ} W.$  71 lks. dist.,  
 marked  $\frac{1}{4}$  S 34 B T.
- 73.00 Timber becomes scattering, brs. E. & W.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for cor. of secs. 26, 27, 34 & 35, marked on  
 brass cap, T 24 N R 8 W, in N. half,  
 S 27 in NW.,  
 S 26 in NE.,  
 S 35 in SE., and  
 S 34 in SW. quad.; from which,  
 A cedar tree 6 ins. diam. brs.  $N. 69\frac{1}{2}^{\circ} E.$  125 lks. dist.,  
 marked T 24 N R 8 W S 26 B T.  
 A cedar tree 12 ins. diam. brs.  $S. 71\frac{1}{2}^{\circ} E.$  136 lks. dist.,  
 marked T 24 N R 8 W S 35 B T.  
 A cedar tree 7 ins. diam. brs.  $S. 73\frac{1}{2}^{\circ} W.$  100 lks. dist.,  
 marked T 24 N R 8 W S 34 B T.  
 A pinon tree 10 ins. diam. brs.  $N. 77\frac{1}{2}^{\circ} W.$  163 lks. dist.,  
 marked T 24 N R 8 W S 27 B T.
- Land, heavily rolling.  
 Soil, 3rd rate, gravelly, calcareous.  
 Cedar, pinon, few cacti, good grass.
- 
- N.  $89^{\circ}59'$  E., on a random line, bet. secs. 26 & 35.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect cor. of secs. 25, 26, 35 & 36, ~~hereinbefore described~~ whence I  
 $S. 89^{\circ}59' W.$ , on a true line, bet. secs. 26 & 35. run,
- Over rolling land.
- 33.00 Enter scattering cedar and pinon, brs. NNW. & SSE.  
 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 26 in N., and  
 S 35 in S. half; from which,  
 A pinon tree 8 ins. diam. brs.  $N. 70\frac{3}{4}^{\circ} W.$  84 lks. dist.,  
 marked  $\frac{1}{4}$  S 26 B T.  
 A pinon tree 7 ins. diam. brs.  $S. 23\frac{3}{4}^{\circ} E.$  28 lks. dist.,  
 marked  $\frac{1}{4}$  S 35 B T.
- 40.20 Asc. small limestone butte, brs. NNW. & SSE.  
 44.50 Top, brs. NNW. & SSE. desc.  
 53.00 Foot, brs. N. & S.  
 79.96 To cor. of secs. 26, 27, 34 & 35, hereinbefore described.  
 Land, rolling.  
 Soil, 3rd rate, gravelly, stony.  
 Cedar pinon, sage brush, cacti, good grass.  
 At this cor., at noon, I set off  $22^{\circ}58'S.$  on the decl.  
 arc, and observe the sun on the meridian.  
 The resulting lat. is  $35^{\circ}26' N.$

Chains.

N. 0° 1' W., bet. secs. 26 & 27.  
 Over rolling land, desc. gently, through scattering cedar.

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 27 in W., and S 26 in E. half;  
 dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

48.00 Leave cedar, brs. E. & W.

65.93 Telegraph line, parallel to R.R. below.

66.77 A. T. & S. F. R. R., brs. N. 63° 19' W. & S. 63° 19' E.

67.48 Telegraph line, parallel to R.R.

75.40 Road, brs. WNW. & ESE.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 22, 23, 26 & 27, marked on brass cap, T 24 N R 8 W, in N. half;  
 S 22 in NW.,  
 S 23 in NE.,  
 S 26 in SE., and  
 S 27 in SW. quad.;

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

Land, rolling. Soil, 3rd rate, gravelly, dry, calcareous. Sparse cedar, good grass.

N. 89° 59' E., on a random line, bet. secs. 23 & 26.

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

80.04 Intersect N. & S. line 5 lks. N. of cor. of secs. 23, 24, 25 & 26, ~~hereinbefore described~~, whence I run, N. 89° 59' W., on a true line, bet. secs. 23 & 26.  
 Over gently undulating, grassy valley.

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 23 in N., and S 26 in S. half;  
 dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

40.45 Road, brs. NW. & SE., Seligman to Kingman.

80.04 To cor. of secs. 22, 23, 26 & 27, ~~hereinbefore described~~.  
 Land, gently rolling. Soil, 3rd rate, sandy, gravelly. Sage brush, few cacti, good grass.

N. 0° 1' W., bet. secs. 22 & 23.  
 Over gently rolling land.

80.75 Road, brs. NW. & SE.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  $\frac{1}{4}$  S 22 in W., and S 23 in E. half;  
 dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 14, 15, 22 & 23, marked on brass cap, T 24 N R 8 W, in N. half,  
 S 15 in NW.,  
 S 14 in NE.,  
 S 23 in SE., and  
 S 22 in SW. quad.;

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

Land, rolling gently.  
 Soil, 3rd rate, gravelly, sandy, loose.  
 Sage brush, cacti, good grass.

Jan. 2, 1912.



## Chains.

Jan. 3, 1912.

At 8h a.m., l.m.t., at the above described corner, I set off  $22^{\circ}51'$  S. on the decl. arc, and  $35^{\circ}28'$  N. on the lat. arc, and determine a meridian with the solar. Thence I run,

S.  $89^{\circ}59'$  E., on a random line, bet. secs. 14 & 23.

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

80.02 Intersect N. & S. line  $2\frac{1}{2}$  lks. S. of cor. of secs. 13, 14, 23 & 24, ~~hereinbefore described~~, whence I run, West, on a true line, bet. secs. 14 & 23.

Over gently undulating 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 14 in N., and S 23 in S. half;

dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

80.02 To cor. of secs. 14, 15, 22 & 23, ~~hereinbefore described~~.

Land, rolling gently.

Soil, 3rd rate, gravelly, sandy, loose.

Scattering sage brush, cacti, good grass.

N.  $0^{\circ}1'$  W., bet. secs. 14 & 15.

Over gently rolling valley.

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 15 in W., and S 14 in E. half;

dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 10, 11, 14 & 15, marked on brass cap, T 24 N R 8 W, in N. half,

S 10 in NW.,

S 11 in NE.,

S 14 in SE., and

S 15 in SW. quad.;

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

Land, rolling gently.

Soil, 3rd rate, sandy loose, dry.

Sage brush, cacti, good grass.

East, on a random line, bet. secs. 11 & 14.

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

80.00 Intersect N. & S. line  $2\frac{1}{4}$  lks. S. of cor. of secs. 11, 12, 13 & 14, ~~hereinbefore described~~, whence I run, S.  $89^{\circ}59'$  W., on a true line, bet. secs. 11 & 14.

Over gently rolling valley.

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 11 in N., and S 14 in S. half;

dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

80.00 To cor. of secs. 10, 11, 14 & 15, ~~hereinbefore described~~.

Land, rolling gently.

Soil, 3rd rate, sandy, gravelly.

Sage brush, cacti, fair grass.

At this cor., at noon, I set off  $22^{\circ}52\frac{1}{2}'$  S. on the decl. arc, and observe the sun on the meridian.

The resulting lat. is  $35^{\circ}29'$  N.

## Chains.

- N.  $0^{\circ} 1'$  W., bet. secs. 10 & 11.  
Over gently undulating valley.
- 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;  
dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 55.35 Road, brs. SW. & NE.
- 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 24 N R 8 W, in N. half,  
S 3 in NW.,  
S 2 in NE.,  
S 11 in SE., and  
S 10 in SW. quad.;
- dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.  
Land, rolling gently.  
Soil, 3rd rate, gravelly, sandy, loose, dry.  
Sage brush, cacti, good grass.
- 
- N.  $89^{\circ} 59'$  E., on a random line, bet. secs. 2 & 11.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect N. & S. line  $2\frac{1}{2}$  lks. S. of cor. of secs. 1, 2, 11 & 12, ~~hereinbefore described~~ whence I run. S.  $89^{\circ} 58'$  W., on a true line, bet. secs. 2 & 11:  
Over gently undulating valley.
- 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 2 in N., and S 11 in S. half;  
dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 53.45 Road, brs. NE. & SW.
- 80.00 To cor. of secs. 2, 3, 10 & 11. ~~hereinbefore described~~  
Land, gently rolling.  
Soil, 3rd rate, gravelly, sandy, loose, dry.  
Sage brush, cacti, good grass.
- 
- N.  $0^{\circ} 1'$  W., bet. secs. 2 & 3.  
Over gently undulating land.
- 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 3 in W., and S 2 in E. half;  
dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 73.14 Intersect 6th Std. Par. N. at a point whence Std. cor. of secs. 35 & 36, T. 25 N., R. 8 W., brs. East, 20.80 chs. dist., which is an iron post 3 ins. in diam. 1 ft. above ground, with brass cap, marked and witnessed as described by the Surveyor-General.  
Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 2 & 3, marked on ~~brass cap~~, C & C, S. of centre,  
T 25 N R 8 W, S 35, S 36, in N. half,  
S 2 in SE., and  
S 3 in SW. quad.;
- dig pits 24x18x12 ins. Crosswise on each line, E. & W. 3 ft., and S. of cor. 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high S. of cor.  
Land, gently rolling.  
Soil, 3rd rate, sandy, loose, dry.  
Sage brush, cacti, good grass.

Jan. 3, 1912.

## Chains.

Jan. 4, 1912.

At 8h a.m., l.m.t., at the cor. of secs. 3, 4, 33 & 34, on the S. bdy. of the Tp., recently estab. & described by me in Book 1, I set off  $22^{\circ}45'$  S. on the decl. arc, and  $35^{\circ}25'$  N. on the lat. arc, and determine a meridian with the solar.

Thence I run,

N.  $0^{\circ}2'$  W., bet. secs. 33 & 34.

Over gently rolling land, desc. slightly.

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;

dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 27, 28, 33 & 34, marked on brass cap, T 24 N R 8 W, in N. half,

S 28 in NW.,

S 27 in NE.,

S 34 in SE., and

S 33 in SW. quad.;

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

Land, gently rolling. Soil, 3rd rate, gravelly, sandy  
 Few cedars, sage brush, cacti, good grass.

N.  $89^{\circ}59'$  E., on a random line, bet. secs. 27 & 34.

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

80.02 Intersect N. & S. line  $2\frac{1}{2}$  lks. S. of cor. of secs. 26, 27, 34 & 35, ~~hereinbefore~~ described, whence I run S.  $89^{\circ}58'$  W., on a true line, bet. secs. 27 & 34.

Over gently rolling land.

15.00 Asc. small ridge, through scattering cedar.

24.00 Top of ridge, brs. N. & S., desc.

33.00 Foot, brs. NNE. & SSW., leave cedar.

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 27 in N., and  
 S 34 in S. half;

dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

80.02 To cor. of secs. 27, 28, 33 & 34, ~~hereinbefore~~ described

Land, rolling gently. Soil, 3rd rate, gravelly, sandy,  
 Sparse cedar, sage brush, cacti, fine grass.

N.  $0^{\circ}2'$  W., bet. secs. 27 & 28.

Over gently undulating land.

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;

dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

At this cor., at noon, I set off  $22^{\circ}46\frac{1}{2}'$  S. on the decl. arc, and observe the sun on the meridian.

The resulting lat. is  $35^{\circ}26\frac{1}{2}'$  N.

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 24 N R 8 W, in N. half,

S 21 in NW.,

S 22 in NE.,

S 27 in SE., and

S 28 in SW. quad.;

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

Land, rolling.

Soil, 3rd rate, gravelly, sandy, loose, dry.  
 Sage brush, cacti, good grass.

Chains.	N. 89°58' E., on a random line, bet. secs. 22 & 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. & S. line 9 lks. N. of cor. of secs. 22, 23, 26 & 27, <del>hereinafter described</del> whence I run N. 89°58' W., on a true line, bet. secs. 22 & 27. Over gently rolling land.
23.40	Road, brs. NW. & SE.
24.40	Telegraph line, parallel R.R. below.
85.85	A. T. & S. F. R.R., brs. N.63°19'W. & S.63°19'E.
27.50	Telegraph line, parallel to R.R.
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 22 in N., and S 27 in S. half; dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
80.02	To cor. of secs. 21, 22, 27 & 28 <del>hereinafter described</del> Land, rolling. Soil, 3rd rate, gravelly, sandy, loose, dry. Sage brush, cacti, good grass.
<hr/>	
	N. 0° 2' W., bet. secs. 21 & 22. Over gently undulating valley.
26.26	Telegraph line, parallel to R.R. below.
27.11	A. T. & S. F. R.R., brs. N.63°19'W. & S.63°19'E.
27.83	Telegraph line, parallel to R.R.
28.40	Road, brs. WNW. & ESE., parallels R.R.
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; dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 15, 16, 21 & 22, marked on brass cap, T 24 N R 8 W, in N. half, S 16 in NW., S 15 in NE., S 22 in SE., and S 21 in SW. quad.; dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and <del>raise a mound of earth</del> 4 ft. base, 2 ft. high W. of cor. Land, rolling. Soil, 3rd rate, gravelly, sandy, loose, dry. Sage brush, cacti, good grass. Jan. 4, 1912.

## Chains.

Jan. 5, 1912.

At 8h a.m., l.m.t., at the above described corner,  
I set off  $22^{\circ}39\frac{1}{2}'$  S. on the decl. arc, and  $35^{\circ}28'$  N. on  
the lat. arc, and determine a meridian with the Solar,  
Thence I run,

S.  $89^{\circ}58'$  E., on a random line, bet. secs. 15 & 22.

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

80.00 Intersect N. & S. line 9 lks. S. of cor. of  
secs. 14, 15, 22 & 23, hereinbefore described, whence I run

S.  $89^{\circ}58'$  W., on a true line, bet. secs. 15 & 22.

Over gently rolling valley.

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 15 in N., and  
S 22 in S. half,

dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

74.90 Road, brs. NW. & SE.

80.00 To cor. of secs. 15, 16, 21 & 22, hereinbefore described

Land, gently rolling.

Soil, 3rd rate, gravelly, sandy, loose, dry.

Sage brush, cacti, good grass.

N.  $0^{\circ}2'$  W., bet. secs. 15 & 16.

Over gently undulating land.

4.17 Road, brs. NW. & SE.

13.20 Road, brs. NE. & SW.

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,

dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
the ground for cor. of secs. 9, 10, 15 & 16, marked on  
brass cap, T 24 N R 8 W, in N. half,

S 9 in NW.,  
S 10 in NE.,  
S 15 in SE., and  
S 16 in SW. quad.;

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

Land, gently rolling.

Soil, 3rd rate, gravelly, sandy, loose, dry.

Sage brush, cacti, good grass.

N.  $89^{\circ}58'$  E., on a random line, bet. secs. 10 & 15.

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

80.00 Intersect N. & S. line  $2\frac{1}{2}$  lks. N. of cor. of  
secs. 10, 11, 14 & 15, hereinbefore described whence I run

S.  $89^{\circ}59'$  W., on a true line, bet. secs. 10 & 15.

Over gently undulating valley.

25.60 Road, brs. NE. & SW.

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;

dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

80.00 To cor. of secs. 9, 10, 15 & 16, hereinbefore described

Land, rolling gently.

Soil, 3rd rate, sandy, loose, dry.

Sage brush, cacti, fair grass.

At this cor., at noon, I set off  $22^{\circ}40'$  S. on the decl.  
arc, and observe the sun on the meridian.

The resulting lat. is  $35^{\circ}29'$  N.

Chains.

N. 0° 2' W., bet. secs. 9 & 10.  
 Over gently undulating valley.  
 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;  
 dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 3, 4, 9 & 10, marked on brass cap, T 24 N R 8 W, in N. half,  
 S 4 in NW.,  
 S 3 in NE.,  
 S 10 in SE., and  
 S 9 in SW. quad.;  
 dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.  
 Land, gently undulating.  
 Soil, 3rd rate, sandy, loose, dry.  
 Sage brush, cacti, fair grass.

N. 89°59' E., on a random line, bet. secs. 3 & 10.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.98 Intersect N. & S. line 7 lks. N. of cor. of secs. 2, 3, 10 & 11, ~~hereinbefore described~~ whence I run N. 89°58' W., on a true line, bet. secs. 3 & 10.  
 Over gently undulating valley.  
 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 3 in N., and S 10 in S. half;  
 dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 79.98 To cor. of secs. 3, 4, 9 & 10. ~~hereinbefore described~~  
 Land, rolling gently.  
 Soil, 3rd rate, gravelly, sandy, loose, dry.  
 Sage brush, cacti, good grass.

N. 0° 2' W., bet. secs. 3 & 4.  
 Over gently undulating valley.  
 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 4 in W., and S 3 in E. half;  
 dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 73.24 Intersect 6th Std. Parallel N. at a point whence, Std. cor. of secs. 34 & 35, T. 25 N., R. 8 W., brs. East, 20.34 Chs. dist., which is an iron post 3 ins. in diam. ~~to be set~~ ground, with brass cap, marked & witnessed as described by the Surveyor-General.  
 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 3 & 4, marked on brass cap, T 25 N R 8 W, S 34, S 35, in N. half,  
 S 3 in SE., and  
 S 4 in SW. quad.;  
 dig pits 24x18x12 ins., crosswise on each line, E. & W. 3 ft., and S. of cor. 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high S. of cor.  
 Land, undulating, level.  
 Soil, 3rd rate, gravelly, sandy, loose, dry.  
 Sage brush, cacti, good grass.

Jan. 5, 1912.

Chains.

Jan. 6, 1912.  
 At 8h a.m., l.m.t., at the cor. of secs. 4, 5, 32 & 33, on the S. bdy. of the Tp., recently estab. & described by me in Book 1, I set off 22° 32' S. on the decl. arc, and 35° 25' N. on the lat. arc, and determine a meridian with the solar. Thence I run,  
 N. 0° 3' W., bet. secs. 32 & 33.  
 Over rolling land, through dense cedar and pinon. Limestone soil, 4th rate.  
 35.00 Soil changes to gravelly loam.  
 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; from which,  
 A cedar tree 10 ins. diam. brs. S. 85½° E. 191 lks. dist., marked ¼ S 33 B T.  
 A pinon tree 10 ins. diam. brs. N. 41½° W. 225 lks. dist., marked ¼ S 32 B T.  
 45.00 Timber becomes scattering, brs. WNW. & ESE.  
 70.00 Leave timber, brs. WNW. & ESE., enter nearly level open land, drains to NNE.  
 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 24 N R 8 W, in N. half, S 29 in NW., S 28 in NE., S 33 in SE., and S 32 in SW. quad.; 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, 3rd & 4th rate, gravelly, stony. Cedar, pinon, sage brush, cacti, good grass.

N. 89° 59' E., on a random line, bet. secs. 28 & 33.  
 40.00 Set temp. ¼ sec. cor.  
 80.02 Intersect N. & S. line at cor. of secs. 27, 28, 32 & 34, ~~hereinbefore~~ described, whence I run, S. 89° 59' W., on a true line, bet. secs. 28 & 33. Over rolling land.  
 40.01 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 28 in N., and S 33 in S. half; dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.  
 80.02 To cor. of secs. 28, 29, 32 & 33 ~~hereinbefore~~ described. Land, rolling. Soil, 3rd rate, gravelly, loose, dry. Sage brush, cacti, few cedars, fine grass.

N. 0° 3' W., bet. secs. 28 & 29.  
 Over gently undulating land, drains to NNE.  
 20.00 Enter cedar and pinon, brs. NE. & SW.  
 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 29 in W., and S 28 in E. half; from which,  
 A cedar tree 7 ins. diam. brs. N. 81° E. 179 lks. dist., marked ¼ S 28 B T.  
 A cedar tree 8 ins. diam. brs. N. 47½° W. 158 lks. dist., marked ¼ S 29 B T.  
 40.50 Timber becomes scattering, brs. NW. & SE.  
 52.00 Leave timber, brs. NW. & SE.  
 56.00 Asc. limestone ridge, enter cedar and pinon.  
 61.00 Top of ridge, brs. NW. & SE., desc. grad.

## Chains.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 34 ins. in the ground for cor. of secs. 20, 21, 28 & 29, marked on brass cap, T 24 N R 8 W, in N. half,  
 S 20 in NW.,  
 S 21 in NE.,  
 S 28 in SE., and  
 S 29 in SW. quad.; from which,  
 A cedar tree 8 ins. diam. brs. N.  $65\frac{1}{2}^{\circ}$  E. 251 lks. dist., marked T 24 N R 8 W S 21 B T.  
 A cedar tree 7 ins. diam. brs. S.  $11\frac{1}{4}^{\circ}$  E. 268 lks. dist., marked T 24 N R 8 W S 28 B T.  
 A cedar tree 8 ins. diam. brs. S.  $89^{\circ}$  W. 103 lks. dist., marked T 24 N R 8 W S 29 B T.  
 A pinon tree 10 ins. diam. brs. N.  $33^{\circ}$  W. 256 lks. dist., marked T 24 N R 8 W S 20 B T.

Land, rolling.  
 Soil, 3rd rate, gravelly, calcareous.  
 Cedar, pinon, sage brush, cacti, scrub oak, fair grass.  
 At this cor., at noon, I set off  $22^{\circ}34'$  S. on the decl. arc, and observe the sun on the meridian.  
 The resulting lat. is  $35^{\circ}27'$  N.

N.  $89^{\circ}59'$  E., on a random line, bet. secs. 21 & 28.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.02 Intersect N. & S. line at cor. of  
 secs. 21, 22, 27 & 28, ~~hereinbefore described~~, whence I run  
 S.  $89^{\circ}59'$  W., on a true line, bet. secs. 21 & 28.  
 Over gently rolling land.

40.01 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the  
 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;

dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and  
 raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 72.00 Enter scattering cedar and pinon, asc. small ridge,  
 brs. N. & S.

80.02 To cor. of secs. 20, 21, 28 & 29. ~~hereinbefore described~~  
 Land, rolling.

Soil, 3rd rate, gravelly stony  
 Sparse cedar, pinon, sage brush, cacti, fair grass.

N.  $0^{\circ}3'$  W., bet. secs. 20 & 21.

Over rolling land, desc. N. slope of small ridge.  
 25.00 Leave timber, brs. WNW. & ESE., foot of ridge, enter  
 smooth open land, drains to NNE.

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 20 in W., and  
 S 21 in E. half;

dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and  
 raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 Telegraph office and Station house at Pica, brs. N.  $26^{\circ}26'$  W.  
 Stand Pipe at Pica Sta. brs. N.  $29^{\circ}34'$  W.

66.58 Telegraph line, parallel to R.R. below.

67.50 A. T. & S. F. R.R., brs. N.  $63^{\circ}20'$  W. & S.  $63^{\circ}20'$  E.

67.70 Siding of Pica, track parallel to main line, of R.R.

68.15 Telegraph line, parallel to R.R.

71.50 Road, brs. NW. & SE.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for cor. of secs. 16, 17, 20 & 21, marked on  
 brass cap, T 24 N R 8 W, in N. half,  
 S 17 in NW.,  
 S 16 in NE.,  
 S 21 in SE., and  
 S 20 in SW. quad.;

dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and  
 raise a mound of earth 4 ft. base, 2 ft. high W. of cor.  
 Land, rolling. Soil, 3rd rate, gravelly. Cedar, pinon, cacti.  
 Telegraph office at Pica brs. S.  $83^{\circ}11'$  W.  
 Stand pipe at Pica brs. N.  $89^{\circ}03'$  W.



Chains.

N. 89°59' E., on a random line, bet. secs. 16 & 21.

40.00 Set temp. 1/4 sec. cor.

80.02 Intersect N. & S. line at cor. of  
secs. 15, 16, 21 & 22, ~~hereinbefore described~~ whence I run  
S. 89°59' W., on a true line, bet. secs. 16 & 21.  
Over undulating land.

14.00 Road, brs. NE. & SW.

40.01 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
the ground for 1/4 sec. cor., marked on brass cap,  
1/4 S 16 in N., and  
S 21 in S. half;  
dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and  
raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.

80.02 To cor. of secs. 16, 17, 20 & 21 ~~hereinbefore described~~  
Land, rolling gently.  
Soil, 3rd rate, gravelly, sandy, loose.  
Sage brush cacti, good grass. Jan. 6, 1912.

Jan. 7, 1912.  
At 8h a.m., l.m.t., at the above corner, 16, 17, 20 & 21,  
I set off 22°25 1/2' S. on the decl. arc, and 35°28' N. on t  
the lat. arc, and determine a meridian with the solar.  
Thence I run,

N. 0° 3' W., bet. secs. 16 & 17.  
Over gently undulating, smooth land.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
the ground for 1/4 sec. cor., marked on brass cap,  
1/4 S 17 in W. half, and  
S 16 in E. half;  
dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and  
raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor.

71.27 Road, brs. NW. & SE., Seligman to Kingman.

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 24 N R 8 W, in N. half,  
S 8 in NW.,  
S 9 in NE.,  
S 16 in SE., and  
S 17 in SW. quad.;  
dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist., and  
raise a mound of earth 4 ft. base, 2 ft. high W. of cor.  
Land, level, gently undulating.  
Soil, 3rd rate, sandy, gravelly, loose, dry.  
Sage brush, cacti, fair grass.

N. 89°59' E., on a random line, bet. secs. 9 & 16.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect N. & S. line 2 1/2 lks. S. of cor. of  
secs. 9, 10, 15 & 16, ~~hereinbefore described~~ whence I run  
S. 89°58' W., on a true line, bet. secs. 9 & 16.  
Over gently rolling land.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
the ground for 1/4 sec. cor., marked on brass cap,  
1/4 S 9 in N., and  
S 16 in S. half;  
dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and  
raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.

80.00 To cor. of secs. 8, 9, 16 & 17 ~~hereinbefore described~~  
Land, gently rolling.  
Soil, 3rd rate, gravelly, sandy, loose, dry.  
Sage brush, cacti, good grass.

Chains.

N. 0° 3' W., bet. secs. 8 & 9.  
 Over gently rolling valley.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground ~~for 1/4 sec. cor.~~, marked on brass cap, 1/4 S 8 in W., and S 9 in E. half; dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor. At this cor., at noon, I set off 22° 27' S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 35° 29' N.  
 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 24 N R 8 W, in N. half, S 5 in NW., S 4 in NE., S 9 in SE., and S 8 in SW. quad.; dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Land, rolling gently. Soil, 3rd rate, sandy, gravelly. Scattering sage brush, cacti, good native grass.

N. 89° 58' E., on a random line, bet. secs. 4 & 9.  
 40.00 Set temp. 1/4 sec. cor.  
 80.02 Intersect N. & S. line 7 lks. N. of cor. of secs. 3, 4, 9 & 10, ~~whence I run~~ N. 89° 59' W., on a true line, bet. secs. 4 & 9. Over gently rolling valley.  
 40.01 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor., marked on brass cap, 1/4 S 4 in N., and S 9 in S. half; dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.  
 80.02 To cor. of secs. 4, 5, 8 & 9. ~~hereinbefore~~ described Land, gently undulating. Soil, 3rd rate, sandy, loose, dry. Sage brush, cacti, good native grass.

N. 0° 3' W., bet. secs. 4 & 5. over gently undulating valley.  
 Road, NNE & SSW. ~~valley.~~  
 38.50  
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor., marked on brass cap, 1/4 S 5 in W., and S 4 in E. half; dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor.  
 73.18 Intersect 6th Std. Parallel North at a point, whence Std. cor. of secs. 33 & 34, T. 25 N., R. 8 W., brs. East, 20.87 chs. dist., which is an iron post 3 ins. in diam. 1 ft. above ground, with brass cap, marked and witnessed as described by the Surveyor-General. Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 4 & 5, marked on brass cap, T 25 N R 8 W, S 33, S 34, in N. half, S 4 in SE., and S 5 in SW. quad.; dig pits 24x18x12 ins., crosswise on each line, E. & W. 3 ft., and S. of cor. 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high S. of cor. Land, rolling gently. Soil, 3rd rate, sandy, loamy. Scattering sage brush, cacti, good grass.

Jan. 7, 1912.

Chains Jan. 8, 1912.  
 At 8h a.m., l.m.t., at the cor. of secs. 5, 6, 31 & 32, on the S. bdy. of the Tp., recently estab. & described by me in Book 1, I set off 22°18' S. on the decl. arc, and 35°25' N. on the lat. arc, and determine a meridian with the solar. Thence I run,  
 N. 0° 3' W., bet. secs. 31 & 32.  
 Over heavily rolling limestone limestone ridges, through scattering cedar and pinon, desc. grad.  
 33.00 Draw, 4 chs. wide, course SW., asc. grad.  
 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 31 in W., and  
     S 32 in E. half; from which,  
 A cedar tree 7 ins. diam. brs. S. 80° E. 176 lks. dist., marked ¼ S 32 B T.  
 A cedar tree 15 ins. diam. brs. N. 29¼° W. 141 lks. dist., marked ¼ S 31 B T.  
 49.00 Ridge, brs. E. & W., desc.  
 60.00 Draw, 125 lks. wide, course E., asc.  
 64.00 Ridge, brs. E. & W., desc.  
 74.00 Draw, 3 chs. wide, course NE.,  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 29, 30, 31 & 32, marked on brass cap, T 24 N R 8 W, in N. half,  
     S 30 in NW.,  
     S 29 in NE.,  
     S 32 in SE., and  
     S 31 in SW. quad.; from which,  
 A cedar tree 8 ins. diam. brs. N. 14½° E. 234 lks. dist., marked T 24 N R 8 W S 29 B T.  
 A cedar tree 8 ins. diam. brs. S. 45½° E. 384 lks. dist., marked T 24 N R 8 W S 32 B T.  
 A pinon tree 7 ins. diam. brs. S. 31½° W. 271 lks. dist., marked T 24 N R 8 W S 31 B T.  
 A pinon tree 15 ins. diam. brs. N. 49¾° W. 104 lks. dist., marked T 24 N R 8 W S 30 B T.  
 Land, rolling.  
 Soil, 3rd & 4th rate, sandy, gravelly, loose, dry.  
 Cedar, pinon, cacti, sage brush, fair grass in places.

N. 89°59' E., on a random line, bet. secs. 29 & 32.  
 40.00 Set temp. ¼ sec. cor.  
 79.94 Intersect N. & S. line 5 lks. S. of cor. of secs. 28, 29, 32 & 33, ~~hereinbefore~~ described whence I run, S. 89°57' W., on a true line, bet. secs. 29 & 32.  
 Over rolling land.  
 39.97 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;  
 dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.  
 46.00 Asc. grad., through scattering cedar and pinon.  
 62.00 Top of ridge, brs. NE. & SW., desc. grad.  
 70.00 Foot of ridge, brs. N. & S.  
 74.00 Draw, 3 chs. wide, course NE.  
 79.94 To cor. of secs. 29, 30, 31 & 32. ~~hereinbefore~~ described  
 Land, rolling.  
 Soil, 3rd rate, gravelly, sandy, stony, dry, loose.  
 At this cor., at noon, I set off 22°19½' S. on the decl. arc, and observe the sun on the meridian.  
 The resulting lat. is 35°26' N.

Chains	
	S. 89°59' W., on a random line, bet. secs. 30 & 31.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.87	Intersect West bdy. of Tp. 7 lks. S. of cor. of (with brass cap marked and witnessed as described by the Surveyor General)
	secs. 25, 30, 31 & 36, which is an iron post 3 ins. in diam., 1 ft. above ground,
	Whence run S. 89°58' E., on a true line, bet. secs. 30 & 31.
	Over rolling land, asc. through dense cedar and pinon.
16.00	Top of ridge, brs. N. & S., desc.
30.00	Foot of ridge, brs. N. & S., thence down draw.
38.87	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 30 in N., and S 31 in S. half; from which, A cedar tree 6 ins. diam. brs. N. 12 $\frac{1}{4}$ ° W. 248 lks. dist., marked $\frac{1}{4}$ S 30 B T., A cedar tree 10 ins. diam. brs. S. 43 $\frac{1}{2}$ ° E. 65 lks. dist., marked $\frac{1}{4}$ S 31 B T.
39.40	Leave draw, course NE., asc. NE. slope.
58.00	In saddle, brs. SW. & NE., thence along E. slope of ridge.
67.00	Ridge, brs. N. & S., desc.
78.87	To cor. of se s. 29, 30, 31 & 32. hereinbefore described Land, rolling. Soil, 3rd rate, stony, gravelly. Cedar, pinon, good grass.
	N. 0° 3' W., bet. secs. 29 & 30. Over rolling land, through scattering cedar and pinon. asc.
8.00	Ridge, brs. NE. & SW., desc.
16.00	Draw, 3 chs. wide, course NE., asc.
32.00	Ridge, brs. NE. & SW. 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 30 in W., and S 29 in E. half; from which, A pinon tree 8 ins. diam. brs. S. 32 $\frac{1}{4}$ ° E. 85 lks. dist., marked $\frac{1}{4}$ S 29 B T. A pinon tree 8 ins. diam. brs. N. 86 $\frac{1}{2}$ ° W. 122 lks. dist., marked $\frac{1}{4}$ S 30 B T.
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 24 N R 8 W, in N. half, S 19 in NW., S 20 in NE., S 29 in SE., and S 30 in SW. quad.; from which, A cedar tree 8 ins. diam. brs. N. 52 $\frac{1}{4}$ ° E. 58 lks. dist., marked T 24 N R 8 W S 20 B T. A cedar tree 8 ins. diam. brs. S. 79 $\frac{1}{2}$ ° E. 29 lks. dist., marked T 24 N R 8 W S 29 B T. A pinon tree 10 ins. diam. brs. S. 27 $\frac{1}{2}$ ° W. 146 lks. dist., marked T 24 N R 8 W S 30 B T. A cedar tree 10 ins. diam. brs. N. 60 $\frac{1}{4}$ ° W. 175 lks. dist., marked T 24 N R 8 W S 19 B T. Land, heavily rolling. Soil, 3rd rate, gravelly, stony, dry. Cedar, pinon, scrub oak, cacti, sage brush, fair grass.

Chains.  
 N. 89°57' E., on a random line, bet. secs. 20 & 29.  
 40.00 Set temp. 1/4 sec. cor.  
 79.96 Intersect N. & S. line 2 1/2 lks. S. of cor. of  
 secs. 20, 21, 28 & 29, ~~hereinbefore~~ described whence I run,  
 S. 89°56' W., on a true line, bet. secs. 20 & 29.  
 Over rolling land, through scattering cedar and pinon.  
 39.98 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for 1/4 sec. cor., marked on brass cap,  
 1/4 S 20 in N., and  
 S 29 in S. half; from which,  
 A cedar tree 8 ins.diam.brs. N.47 1/4°W. 404 lks. dist.,  
 marked 1/4 S 20 B T.  
 A cedar tree 9 ins.diam.brs. S. 61°E. 121 lks. dist.,  
 marked 1/4 S 29 B T.  
 79.96 To cor. of secs. 19, 20, 29 & 30. ~~hereinbefore~~ described  
 Land, rolling.  
 Soil, 3rd rate, gravelly, sandy, loose.  
 Cedar, pinon, good grass. Jan. 8, 1912.

Jan. 9, 1912.  
 At 8h a.m., l.m.t., at the above corner, I set off 22°10' S. on the decl. arc, and 35°27' 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. 19 & 30.  
 40.00 Set temp. 1/4 sec. cor. (with brass cap marked & witnessed as described by the Surveyor General)  
 78.80 Intersect West bdy. of Tp. 2 1/2 lks. N. of cor. of ~~secs. 19, 24, 25 & 30, which is an iron post 3 ins. in diam. 1 ft. above ground~~  
 Whence I run, S. 89°59' E., on a true line, bet. secs. 19 & 30.  
 Over rolling land, asc. through scattering cedar and  
 pinon.  
 20.00 Top of ridge, brs. N. & S., desc.  
 36.00 Foot, brs. N. & S.  
 38.80 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for 1/4 sec. cor., marked on brass cap,  
 1/4 S 19 in N., and  
 S 30 in S. half; from which,  
 A cedar tree 8 ins.diam.brs. N.67 1/2°W. 194 lks. dist.,  
 marked 1/4 S 19 B T.  
 A cedar tree 8 ins.diam.brs. S. 1 1/2° E. 70 lks. dist.,  
 marked 1/4 S 30 B T.  
 39.25 Draw, 4 chs. wide, course NE.  
 46.30 Asc. along W. slope of ridge.  
 78.80 To cor. of secs. 19, 20, 29 & 30. ~~hereinbefore~~ described  
 Land, rolling.  
 Soil, 3rd rate, gravelly, stony.  
 Cedar, pinon, scrub oak, cacti, sage brush, fair grass.

N. 0° 3' W., bet. secs. 19 & 20.  
 Over gently rolling land, desc. grad., scattering cedar.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for 1/4 sec. cor., marked on brass cap,  
 1/4 S 19 in W., and  
 S 20 in E. half; from which,  
 A cedar tree 9 ins.diam.brs. S.46 1/2°E. 217 lks. dist.,  
 marked 1/4 S 20 B T.  
 A cedar tree 9 ins.diam.brs. N.55°W. 515 lks. dist.,  
 marked 1/4 S 19 B T.  
 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 24 N R 8 W, in N. half,  
 S 18 in NW.,  
 S 17 in NE.,  
 S 20 in SE., and  
 S 19 in SW. quad.; no trees available,  
 dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist., and  
 raise a mound of earth 4 ft. base, 2 ft. high W. of cor.  
 Land, rolling. Soil, 3rd rate, gravelly, loose, dry.  
 Sparse cedar, pinon, cacti, good native grass.

Chains.

N. 89°56' E., on a random line, bet. secs. 17 & 20.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.00 Intersect N. & S. line 12 lks. N. of cor. of  
 secs. 16, 17, 20 & 21, ~~hereinbefore~~ whence I run,  
 N. 89°59' W., on a true line, bet. secs. 17 & 20.  
 Over rolling land, drains to NNE.  
 23.35 Telegraph line, parallel to R.R. below.  
 24.89 A. T. & S. F. R.R., brs. N. 63°20' W., & S. 63°20' E.  
 26.45 Telegraph line, parallel to R.R.  
 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 17 in N., and  
 S 20 in S. half;  
 dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and  
 raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high N. of cor.  
 At this cor., at noon, I set off 22°11 $\frac{1}{2}$ ' S. on the decl.  
 arc, and observe the sun on the meridian.  
 The resulting lat. is 35°28' N.  
 80.00 To cor. of secs. 17, 18, 19 & 20 hereinbefore described  
 Land, rolling. Soil, 3rd rate, gravelly, loose, dry.  
 Sage brush, cacti, good grass.

N. 89°59' W., on a random line, bet. secs. 18 & 19.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 78.74 Intersect West bdy. of Tp. 2 $\frac{1}{2}$  lks. N. of cor. of  
 secs. 13, 18, 19 & 24, which is an iron post 3 ins. in diam., 1 ft. above ground  
 Whence I run, East, on a true line, bet. secs. 18 & 19.  
 Over rolling land, asc.  
 33.50 Ridge, brs. N. & S., desc.  
 38.74 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 18 in N., and  
 S 19 in S. half;  
 no trees available, pits impracticable,  
 raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high N. of cor.  
 44.70 Enter scattering cedar, brs. N. & S.  
 57.70 Leave cedar, brs. N. & S.  
 78.74 To cor. of secs. 17, 18, 19 & 20 hereinbefore described  
 Land, rolling.  
 Soil, 3rd rate, gravelly, stony.  
 Sparse cedar, pinon, scrub oak, sage brush, good grass.

(with brass cap marked  
 and witnessed as described  
 by the Surveyor General)

N. 0° 3' W., bet. secs. 17 & 18.  
 Over rolling land.  
 29.76 Telegraph line, parallel to R.R. below.  
 30.65 A. T. & S. F. R.R., brs. N. 63°20' W. & S. 63°20' E.  
 31.45 Telegraph line, parallel to R.R.  
 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;  
 dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and  
 raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high W. of cor.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for cor. of secs. 7, 8, 17 & 18, marked on  
 brass cap, T 24 N R 8 W, in N. half,  
 S 7 in NW.,  
 S 8 in NE.,  
 S 17 in SE., and  
 S 18 in SW. quad.;  
 dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$  ft. dist., and  
 raise a mound of earth 4 ft. base, 2 ft. high W. of cor.  
 Land, rolling.  
 Soil, 3rd rate, gravelly, dry, loose, sandy.  
 Sage brush, few cacti, good grass.

Jan. 9, 1912.

Chains.

Jan. 10, 1912.  
At 8h a.m., l.m.t., at the above described, corner 12,  
I set off 22°02' S. on the decl. arc, and 35°29' N. on  
the lat. arc, and determine a meridian with the solar.  
Thence I run,

- 40.00 S. 89°59' E., on a random line, bet. secs. 8 & 17.
- 40.00 Set temp. 1/4 sec. cor.
- 79.98 Intersect N. & S. line 5 lks. N. of cor. of  
secs. 8, 9, 16 & 17, ~~hereinbefore described~~ whence I run,  
N. 89°57' W., on a true line, bet. secs. 8 & 17.  
Over rolling land.
- 16.00 Road, brs. NW. & SE.
- 39.99 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
the ground for 1/4 sec. cor., marked on brass cap,  
1/4 S 8 in N., and  
S 17 in S. half;  
dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and  
raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.
- 79.98 To cor. of secs. 7, 8, 17 & 18, ~~hereinbefore described~~  
Land, rolling gently.  
Soil, 3rd rate, gravelly, sandy, loose, dry.  
Sage brush, cacti, fair grass.

West, on a random line, bet. secs. 7 & 18.

- 40.00 Set temp. 1/4 sec. cor.
- 78.65 Intersect West bdy. of Tp. 2 1/2 lks. S. of cor. of  
secs. 7, 12, 13 & 18, which is an iron post 3 ins. in diam., 1 ft. above ground,  
S. 89°59' E., on a true line, bet. secs. 7 & 18.  
Over rolling land, desc. grad. through scattering cedar  
and pinon.
- 21.00 Telegraph line, parallel to R.R.
- 21.87 A. T. & S. F. R.R., brs. NNW. & SSE., on curve.
- 22.95 Telegraph line, parallel to R.R.
- 30.00 Leave cedar and pinon, brs. NNW. & SSE.
- 38.65 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
the ground for 1/4 sec. cor., marked on brass cap,  
1/4 S 7 in N., and  
S 18 in S. half;  
dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and  
raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.
- 78.65 To cor. of secs. 7, 8, 17 & 18, ~~hereinbefore described~~  
Land, rolling.  
Soil, 3rd rate, gravelly, dry, loose.  
Sparse cedar, pinon, fair grass.

(with brass cap marked  
& witnessed as described  
by the Surveyor General,  
Whence I run,

N. 0° 3' W., bet. secs. 7 & 8.

- Over gently rolling land.
- 30.55 Main road, brs. NW. & SE., Seligman to Kingman.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in  
the ground for 1/4 sec. cor., marked on brass cap,  
1/4 S 7 in W., and  
S 8 in E. half;  
dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and  
raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
the ground for cor. of secs. 5, 6, 7 & 8, marked on  
brass cap, T 24 N R 8 W, in N. half,  
S 6 in NW.,  
S 5 in NE.,  
S 8 in SE., and  
S 7 in SW. quad.;  
dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist., and  
raise a mound of earth 4 ft. base, 2 ft. high W. of cor.  
Land, rolling gently.  
Soil, 3rd rate, gravelly, sandy, loose, dry.  
Sage brush, few cacti, good grass.  
At this cor., at noon, I set off 22°03' S. on the decl.  
arc, and observe the sun on the meridian.  
The resulting lat. is 35°29 1/2' N.

Chains.

40.00 S. 89°57' E., on a random line, bet. secs. 5 & 8.  
Set temp.  $\frac{1}{4}$  sec. cor.

79.94 Intersect N. & S. line 9 lks. S. of cor. of  
secs. 4, 5, 8 & 9, ~~hereinbefore~~ described whence I run,  
S. 89°59' W., on a true line, bet. secs. 5 & 8. over gently rolling land.

12.00 Road, NNE & SSW.

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 6 in N., and  
S 8 in S. half;  
dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

79.94 To cor. of secs. 5, 6, 7 & 8 ~~hereinbefore~~ described  
Land, rolling gently. Soil, 3rd rate, gravelly, sandy.  
Scattering sage brush, cacti, good grass.

40.00 N. 89°59' W., on a random line, bet. secs. 6 & 7.  
Set temp.  $\frac{1}{4}$  sec. cor. (with brass cap marked  
& witnessed as described  
by the Surveyor General  
whence I run)

78.59 Intersect West bdy. of Tp. 12 lks. N. of cor. of  
secs. 10, 6, 7 & 12, which is an iron post 3 ins. in diam., 1 ft. above ground,  
N. 89°56' E., on a true line, bet. secs. 6 & 7.  
Over gently rolling land.

7.25 Main road, brs. NW. & SE., Seligman to Kingman.

38.59 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;  
dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

78.59 To cor. of secs. 5, 6, 7 & 8 ~~hereinbefore~~ described  
Land, rolling.  
Soil, 3rd rate, gravelly, sandy, dry.  
Sage brush, cacti, fair grass.

40.00 N. 0° 3' W., bet. secs. 5 & 6.  
Over gently undulating land.  
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  
 $\frac{1}{4}$  S 3 in E. half;  
dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

73.50 Intersect 6th Std. Parallel North at a point, whence  
Std. cor. of secs. 32 & 33, T. 25 N., R. 8 W.,  
brs. East, 20.87 chs. dist., which is an iron post 3  
ins. in diam., 1 ft. above ground, with brass cap,  
marked and witnessed as described by the Surveyor-  
General.

Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
the ground for closing cor. of secs. 5 & 6, marked on  
brass cap, C C, S. of centre,  
T 25 N R 8 W, S 32, S 33, in N. half,  
S 5 in SE., and  
S 6 in SW. quad.;

dig pits 24x18x12 ins. E. & W. of cor. 3 ft. dist., and  
raise a mound of earth  $4\frac{1}{2}$  ft. base, 2 ft. high S. of cor.

Land, gently rolling.  
Soil, 3rd rate, gravelly, sandy, loose, dry.  
Sage brush, cacti, fair grass.

General Description.

T. 24 N., R. 8 W. is hilly or heavily rolling in the SW., and level, smooth or gently undulating in the SE., NE., and NW. portions.  
There is no water or timber in the Tp. The land is good grazing land throughout, and would produce well in the NE. portion, if irrigated. There are no settlers in the Tp.

William H. Elliot - U.S. Surveyor.





Subdivisions Group 15  
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 subdivision lines of Township 24 North, Range 8 West  
Gila & Salt River Base & Meridian  
Arizona

executed by William H. Elliott, U.S. Surveyor  
under his special instructions, <sup>for Group 15</sup> 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. 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.

U. S. Surveyor General.