

Chs.

This mile is on gently rolling land with an east slope. The soil is very rocky and unfit for cultivation. There is a sparse growth of low sagebrush on the entire mile and little else.

August 4, 1914.

- 1.m.t.,
- July 31: At 8 h 45 m A.M., I set off  $41^{\circ}12.5'$  on the lat. arc, and  $18^{\circ}23'N.$  on the decl. arc, and determine a meridian with the solar at the cor. of secs. 4, 5, 32 and 33, on the S. Bdy. of the township, which is a volcanic stone  $23 \times 15 \times 2\frac{1}{2}$  ins., set in a mound of stone 40 ins. base, 30 ins. high, and marked with 4 grooves on E., and 2 grooves on W. face.
- Thence I run  
 $N.0^{\circ}3'W.$  bet. secs. 32 and 33.  
 Over mountainous land.  
 Ascend 40 ft. on SW. slope to point of spur.
- 14.00 Point of spur, projects W.; descend 175 ft. on NW. slope to gulch.
- 29.80 A gulch, dry, 20 lks. wide, in bottom of canyon, course  $S.40^{\circ}W.$ ; ascend 355 ft. on SE. slope to top of spur.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, and in a mound of stone, for  $\frac{1}{4}$  sec. cor., with brass cap mkd:
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|------------------|-----|
| $S32\frac{1}{4}$ | S33 |
| 1914             |     |
- and raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.
- 58.50 Spur, projects E.; descend 55 ft. on NE. slope to ravine.
- 62.30 Ravine, course  $S.75^{\circ}E.$ ; ascend 125 ft. on SE. slope to corner.
- 64.00 Spring of fresh water bears east 75 lks. dist.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bed rock, and in a mound of stone, for cor. of secs. 28, 29, 32 and 33, with brass cap mkd:
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|-------|-------|
| T39N  | R20E  |
| $S29$ | $S28$ |
| $S32$ | S33   |
| 1914  |       |
- and raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.
- This mile is exceptionally rough. The soil is very rocky and unfit for agriculture. There is a sparse growth of sagebrush and some bunchgrass. No timber.
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- East on a random line between secs. 28 and 33.
- 40.00 Set a temporary  $\frac{1}{4}$  sec. cor.
- 80.12 Intersect the N. and S. line at the cor. of secs. 27, 28, 33 and 34.
- Thence I run  
 West on a true line between secs. 28 and 33.  
 Over mountainous land.  
 Descend 200 ft. on NW. slope to ravine.
- 37.35 Ravine, course  $S.60^{\circ}W.$ ; ascend 45 ft. on SE. slope to top of spur.
- 40.06 Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, and in a mound of stone for  $\frac{1}{4}$  sec. cor. with a brass cap mkd:
- |               |
|---------------|
| S 28          |
| $\frac{1}{4}$ |
| S 33          |
| 1914          |
- and raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.
- 45.20 Spur, projects S.; descend 35 ft. on SW. slope to ravine.
- 50.40 Ravine, course  $S.10^{\circ}E.$ ; ascend 105 ft. on SE. slope