

Chains

Land mountainous.
Soil, stony clay loam, 2nd rate, subsoil same.
No timber.
Undergrowth, sage and greasewood brush, good grass for grazing.
Drainage NE.
Ruban W. Riley,
U. S. Transitman. August 11, 1914.

August 12:

At 7 h 0 m, a.m., l.m.t., I set off $40^{\circ}44'$ on the lat. arc; $15^{\circ}09'N$. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 4, 5, 32 and 33. Thence West on a retracement and resurvey between Secs. 5 and 32.

Over mountainous land.

Ascend on the E. slope of spur, thru dense sagebrush, and light growth of greasewood.

- 2.10 Spur, 30 ft. above hollow, desc.
13.90 Canyon, 280 ft. below spur, course $N.20^{\circ}E.$; asc.
19.15 Spur, 190 ft. above canyon, projects $N.40^{\circ}E.$; desc.
28.15 Head of hollow, 180 ft. below spur, asc.
35.10 Spur, 320 ft. above hollow, projects $N.45^{\circ}E.$; desc.
40.22 Fall 21 lks. S. of the original $\frac{1}{4}$ sec. cor. for secs. 5 and 32, which is a gabbro stone $10 \times 12 \times 14$ ins., marked and witnessed as described by the U.S. Surveyor General. I remonument the corner as follows:

Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the ground for the $\frac{1}{4}$ sec. cor. of secs. 5 and 32, with brass cap mkd:

S 32
$\frac{1}{4}$
S 5
1914

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

The course of this half mile is $N.89^{\circ}42'W.$, and the length 40.22 chs.

- 54.35 Ravine, 380 ft. below spur, course $N.10^{\circ}E.$; asc.
61.84 Spur, 260 ft. above ravine, projects $N.10^{\circ}E.$; desc.
68.55 Ravine, 120 ft. below spur, course $N.15^{\circ}W.$; asc.
80.10 Steep nose of spur, 250 ft. above ravine, projects N. about 6 chs.
81.45 The original corner of secs. 31, 32, 5 and 36, on the N. Bdy. of T. 33 N., R. 51 E., which is an igneous rock $12 \times 16 \times 20$ ins. marked and witnessed as described by the U.S. Surveyor General. I remonument the corner as follows:

Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in the ground for the cor. of secs. 5 and 36, Ts. 33 and 34 N., Rs. 50 and 51 E. with brass cap mkd:

T 34 N	
R 51 E	
C C	
S36	S5
T34N	T33N
R50E	R51E
1914	

and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.

The course of this half mile is West, and the length 41.23 chs.

Land, mountainous.

Soil, rocky and sandy loam, 2nd and 3rd rate; subsoil same.

Undergrowth, sage and greasewood brush, good grass for grazing. No timber. Drainage NE.
Ruban W. Riley
U.S. Transitman.