

2. Retracement Seventh Standard Parallel N., thru R. 49 & 50 E.

Chains

September 9:

At 9 h 0 m, a.m., l.m.t., I set off $40^{\circ}55'$ on the lat. arc; $5^{\circ}29'N.$ on the decl. arc; and determine a meridian with the solar at the re-established $\frac{1}{4}$ sec. cor. of secs. 27 and 28, T. 36 N., R. 49 E.

Thence South between secs. 27 and 28.

36.00 Over rolling land, descend gently through dense sagebrush. Wash, 3 ft. deep, 60 lks. wide, 20 ft. below $\frac{1}{4}$ sec. cor., course SW.

40.61 Fall 6 lks. E. of an old stake 3x3 ins. by 26 ins. long, marked S28 on one face and S on two other faces; no other marks visible. I regard this stake as the old original corner of secs. 27, 28, 33 and 34.

Thence South between secs. 33 and 34, T. 36 N., R. 49 E. Over rolling hills.

Ascend gently through dense sagebrush.

14.00 Base of hills, bear E. and W., asc.

38.00 Top of spur, 130 ft. above sec. cor., projects W.

40.00 After diligent search, I find no trace of the old $\frac{1}{4}$ sec. cor.

49.00 Base of hills, 70 ft. below spur, bears E. and W.

72.40 Channel bottom, 3 ins. deep, 30 lks. wide, course W.

79.45 Fall 185 lks. E. of an old stake 2x2 ins. by 36 ins. long, lying in a small mound of earth. There are no marks visible on this stake, but its position being fairly consistent with the corners to the north, I regard it as the old original corner.

Land, rolling hills.

Soil, light clay loam, 2nd rate, with same subsoil.

No timber.

Undergrowth, dense sagebrush, good grass for grazing.

General drainage to the west.

On account of the sky being overcast, it was impossible to take an observation for latitude.

Thence East on the 7th Std. Par. N., between secs. 3 and 34.

36.40 Over gently rolling land, through dense sagebrush. Fall 80 lks. N. of the old C.C. of secs. 2 and 3, of T. 35 N., R. 49 E., which is an old willow stake 2 ins. in dia. 34 ins. long, lying on a mound of earth, with faint traces of pits.

39.98 Fall 91 lks. N. of the old original $\frac{1}{4}$ sec. cor., which is a stake $1\frac{1}{2}$ ins. in dia., and 30 ins. long, with $\frac{1}{4}$ S visible on one face of stake, but no trace of pits and mound.

69.00 Base of spur, bears NE. and SW.

73.50 Top of spur, 40 ft. above base, projects S. $80^{\circ}E.$

80.05 Fall 206 lks. N. of the old original Std. Cor. for secs. 34 and 35, lying in a mound of earth with traces of pits. There are no visible marks on this stake, which is partly decayed.

Land, gentle rolling.

Soil, light clay loam, with same subsoil; 2nd rate.

No timber.

Undergrowth, dense sagebrush.

General drainage south.

September 9, 1914.

September 10:

At 7 h 0 m, a.m., l.m.t., I set off $40^{\circ}54'$ on the lat. arc; $5^{\circ}10'N.$ on the decl. arc; and determine a meridian with the solar at my transit line point,