

Township 3 N., R. 37 E., W.M.

Chains	Good pasturage. Mountainous land, 80.00 chs.
	N.89°44' W., on a true line, S. Bdy. of Sec. 31. Ascending spur thru scattering timber and patches of dense undergrowth.
7.00	Steeper ascent; bears N.20°E. and S.20° W.
11.25	Stock trail; bears N.55 ° E. and S.55 ° W.
14.00	Top of Ridge between canyons; bears N. 50 °E. and S.50 ° W.; descend.thru heavy timber and dense undergrowth.
19.78	Ravine, course N.40°E., steep ascent, bears N.&.S.
25.75	Top of point-N.20°E. August 10: At this station I set off 15°33' N. on the Decl. Arc and at Oh 5m P.M., 1.m.t., observe the sun on the meridian; the resulting lat. is 45° 41' 30". Descend across hollow.
29.25	Foot, Ravine, course N. 20°E., steep ascent; bears N.W.& S.E.
40.00	A point 600 ft. above the Sec. Cor., just E. of summit of divide and set a Basalt Stone, 12 x 10 x 5 ins., 8 ins. in ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face,from which, A Fir, 12 ins diam., bears N. 50°E., 66 lks. dist., marked $\frac{1}{4}$ S 31, B.T. Find no trace of the old $\frac{1}{4}$ Sec. Cor. described by the Surveyor-General as a Fir post on E. descent, from which A Spruce, 4 ins. diam., bears N.64°E., 10 lks. dist. A Willow, 5 ins. diam., bears S. 15°E., 28 lks. dist.
41.75	Leave timber and undergrowth, bears N.W.& S.E. and thence across grassy opening on summit of Divide between branches of Umatilla River.
42.30	Trail to "Eight Mile Ridge", bears S.E.-S & N.W.
43.00	Descend gradually
45.00	Stock trail; bears N.10 °E. and S.10°W.
47.50	Enter timber and undergrowth; bears N.20°W. and S.20°E.
51.25	Foot; ascend gradually thru heavy timber.
57.85	Top of rise or ridge; cross narrow opening;bears N.W.& S.E.