

Chains	
	<p>Raise mound of stone, 2 ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor. Pits impracticable.</p>
	<p>Thence, I run N. on true line bet. secs. 13 and 18.</p>
	<p>Descend gradually along W. slope of mountain through scattering pine and fir timber.</p>
40.00	<p>Set basalt stone, 20 x 10 x 5 ins., 15 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked <math>\frac{1}{4}</math> on W. face, from which A fir, 16 ins. in diam. bears S. <math>57^{\circ}</math> W., 69 lks. dist. marked <math>\frac{1}{4}</math> S. 13 B.T.</p>
	<p>No other tree in limits. Raise mound of stone, 2 ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor. Pits impracticable.</p>
	<p>June 18: At this cor. I set off <math>23^{\circ} 24'</math> N. on the decl. arc, and</p>
	<p>at <math>12^{\text{h}} 01^{\text{m}}</math> p. m., l. m. t., observe the sun on the meridian, the resulting lat. is <math>45^{\circ} 39'</math> which is about 0.'2 less than the proper lat.</p>
48.00	<p>Stony point bears N. <math>30^{\circ}</math> W. Abrupt descent into canyon, through dense undergrowth and heavy timber.</p>
54.41	<p>A white fir, 30 ins., dia., on line; on which, I cut 2 notches on N. and S. edges.</p>
54.41	<p>Foot of steep descent. Creek, 25 lks. wide, slow current, course N. <math>80^{\circ}</math> West. This stream sinks just W. of line.</p>
57.77	<p>Tamarack, 38 ins. in diam., on line, I mark with 2 notches on N. and S. sides.</p>
67.70	<p>Foot of mountain, 500 ft. below sec. cor., bears N. <math>30^{\circ}</math> E., S. <math>30^{\circ}</math> W.</p>
67.75	<p>S. Fork Umatilla River, 30 lks. wide, slow current, pure water, course N. <math>30^{\circ}</math> E. Pass over timbered bottom lands, not subject to inundation.</p>
75.75	<p>Leave bottom lands, bear N. <math>40^{\circ}</math> E., S. <math>40^{\circ}</math> W., and ascend steep bank.</p>
78.00	<p>Top of bank, 20 ft. high, bears N. <math>45^{\circ}</math> E., S. <math>60^{\circ}</math> W.</p>