

## Supplemental Field Notes. T 4 N R 38 E., W.M.

Chains	Feet
<p>In accordance with letter 747, dated March 21, 1906, of the Honorable John D. Daly, U.S. Surveyor General for Oregon, and the Honorable Commissioner's letter E., dated March 16, 1906, I proceed to make corrections in the field of the survey of Tp. 4 N R 38 E., W.M., under my Contract No. 761, dated June 16, 1905.</p>	
<p>Survey commenced April 7, 1906, and executed with a W. &amp; L. E. Gurley's solar compass No. 210. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and decl. arcs.</p>	
<p>The instrument was examined, tested on the true meridian at Portland, Oregon, found correct and was approved by the Surveyor General for Washington &amp; Oregon, July 1905. I examine the adjustments of the compass and correct the level errors; then, to test the solar apparatus, by comparing its indications, resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observation on Polaris, I proceed as follows; I set up in the meridian which I established by Polaris observation July 18, 1905, at the Cor. of Secs. 13, 18, 19 &amp; 24, on the E. bdy. of Tp. 4, N., R. 38 E., latitude <math>45^{\circ} 49' N.</math>, longitude <math>118^{\circ} 2' W.</math></p>	
<p>The solar apparatus by p.m. and a.m. observations defines positions for meridian in the meridian established by Polaris observation, therefore I conclude that the adjustments of the instrument are satisfactory.</p>	
<p>The magnetic bearing of the meridian at 8 h. a.m. is N. <math>23^{\circ} 30' W.</math>; the angle thus determined gives the magnetic decl. <math>23^{\circ} 30' E.</math></p>	
<p>April 7, 1906</p>	
<p><u>Cor. of Secs. 19, 20, 29 &amp; 30</u></p>	
<p>April 9, 1906: I begin at the Cor. of Secs. 19, 20, 29 &amp; 30.</p>	