

To complete the boundary survey of the 42nd parallel, the gap between Von Schmids corner and that established from my observations was carefully surveyed and marked.

This portion of the Boundary had never been run it being of an exceedingly laborious nature for measurements. The line traverses the broken country bordering the Cañon of 12th Mile Creek crossing and recrossing the precipitous sides chasm and the narrow, stony and brushy bottom of the stream. Tramping very difficult and in many places hazardous.

August 18. 1873. Set field transit at Monument erected by myself in 1868 to mark the Initial point of the California - Oregon line. Observed double Altitudes of the Sun and deduced the correct time. Vide Astronomical Observations and reductions.

Instrument in proper adjustment observed Polaris at greatest Eastern Elongation.

August 19th Having laid off the true Meridian from last nights observation ran due East descending over rocky hill 18 chains to dry water course down to

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