

Field Notes of the  
 Survey of the  
First Standard Parallel North  
 OR Fractional  
 North Boundary of Twp. 4. N. R. 4. E  
 Salt Lake Base & Meridian  
 as surveyed by  
 Washington Jenkins  
 U.S. Dept. Surveyor.

{ Under his Contract No 202,  
 dated June 6<sup>th</sup> 1895, }

Survey Commenced July 15<sup>th</sup> 1895  
 Survey Completed July 16 - 1895.

Corrections to be applied to elongation of Polaris as given in pair of the Manual. = correction for 15.95' of the Manual. = total correction to be applied to elongation times, for T.K.M.R. 4 E to obtain local mean time to obtain Mountain Standard R.R. time add 0<sup>h</sup> 26<sup>m</sup>.

Survey commenced July 15<sup>th</sup> 1895, and executed with a T. T. Hobby engineers transit, no numbers, without solar attachments; the horizontal limb being having two double verniers, placed opposite to each other and reading to 30" of arc. The instrument was examined, tested on the true meridian at Salt Lake City, found correct, and was approved by the Surveyor General, for Utah, July 3 - 1895.

I began at the established Standard corner to sections 33 and 34 on the North boundary of the township which is a gray sandstone 25 X 8 X 4 ins. marked & witnessed as described by the surveyor general, in latitude 41° 07' N. Longitude 111° 30' W.

As this corner is a stone ~~not~~ <sup>is</sup> not firmly set I proceeded to reestablish the same by marking S.C. on N. face.

This stone was broken in 2 halves while attempting to mark S.C. on its N. face. I therefore reestablished this cor. in its original place by setting a gray sandstone 18 X 9 X 6 ins. in the ground for Standard Cor. of Secs. 33 & 34 marked S.C. on N.; with 3 grooves on E. and 3 grooves on W. faces, and raised a mound of Stone 3 ft base 2 ft high N. of Cor. Pits, impracticable. The fragments of the original stone were placed in the mound. At the above described cor. at 11:47 P.M. local mean time

at 0<sup>h</sup> 13<sup>m</sup> A.M. July 16 by my watch which is Mountain Standard rail road time. I observe Polaris at eastern elongation in accordance with instructions in the Manual and mark the time thus determined on a steel mark cut on a large stone 2 1/2