

I 397 TR 544

Survey commenced May 20 - 1900  
and executed with a Wand L. E.  
Gurley light. Manufacture Francis-  
with Burt's Solar attachment-  
Single vernier reading to  
minutes which is also the  
least count of the latitude and  
Dec. arcs.

This instrument was examined  
and tested on the true  
meridian at Reno. and  
was approved by the Surveyor  
Gen'l for Nevada. April 2<sup>nd</sup> 1900  
May 20<sup>th</sup> 1900. At my camp  
in Dec. 5. I set off  $41^{\circ}17'$  on lat-  
Arc  $20^{\circ}05'$  on Dec arc and  
determine meridian by solar  
observation. Mark the point thus  
determined by a stake driven  
in the ground 5 chs N. westerly from  
point of observation.

At 9<sup>h</sup> 26<sup>m</sup> P.M. I observe pole star at  
lower culmination. and find the  
true meridian thus determined  
to agree with my solar May Dec. 1735E  
observation at 4 P.M.

A 7<sup>th</sup> obs. on May 21 - 1900