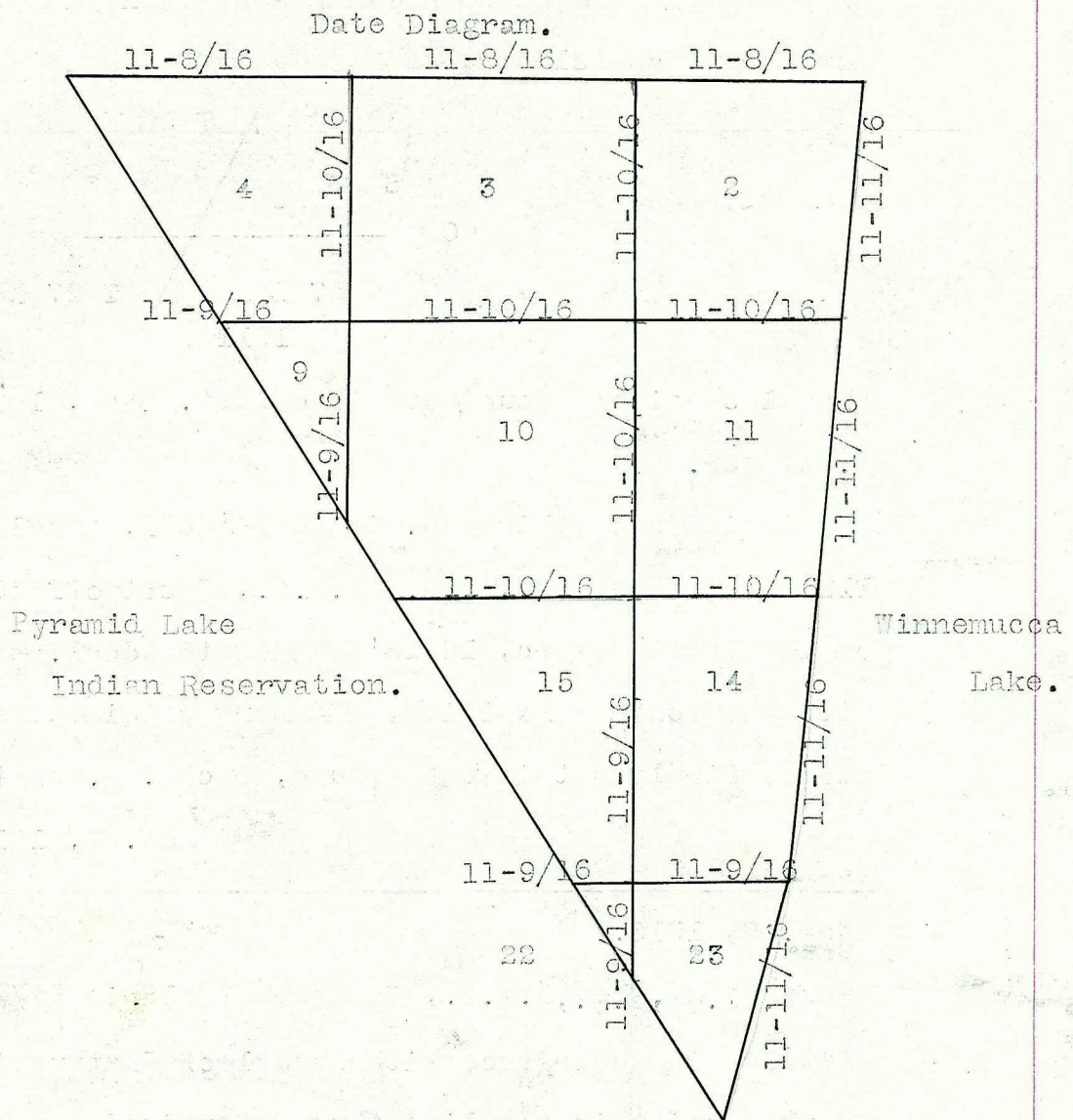


Fractional T 27 N, R 23 E.



Survey commenced Nov. 7, 1916 and executed with a Young & Sons light mountain transit No. 8544, with solar attachment. 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 declination arcs.

The instrument was approved by Assistant Supervisor of Surveys, G.D.D. Kirkpatrick, I examine the adjustments of the transit, and correct the level and collimation errors; then to test the solar apparatus, by comparing its indications, resulting from solar observations made during P.M. and a.m. hours, with a meridian determined by observations on polaris, I proceed as follows:

At the closing corner of Tps. 27 and 28 N, R 23 E, on the Pyramid Lake Indian Reservation bdy., which cor. is an iron post, firmly set, of the dimensions, mkd., and witnessed as described by the Surveyor General. I place additional markings on this post to refer to the fractional Tps. out-