

NARRATIVE OF SURVEY

A dependent re-survey and partial section breakdown of Sections 27 and 34, T 13 S, R 36 E, W.M., Baker County, Oregon.

Survey performed for the United States Department of Agriculture, U. S. Forest Service, in the Wallowa-Whitman National Forest under USFS Contract No. 53-04H1-9-7530N.

Purpose of Survey

The purpose of this survey was to re-establish one obliterated government survey corner (the East 1/4 corner of Section 34) and to break down Section 34 for the purpose of setting monuments and establishing the line between private ownership and government administered lands. Included as an incidental part is the platting and filing of records of the survey work done.

Monuments used are 2½ inch brass caps on 2 inch iron pipes 31 inches long and 6 foot steel fence posts spaced at a maximum of 330 feet apart were used to mark the true boundary lines.

Original GLO Survey

The original surveys were performed by Eugene P McCornack under GLO contract no. 398, dated July 2, 1881 and by Henry Cooke under GLO contract no. 598, dated April 10, 1886.

Method and Procedure for Survey

The survey was begun on Oct. 8, 1979 at the established West 1/4 corner of Section 27 which is a 2½ inch brass cap on a 1 inch iron pipe re-established by the County Surveyor in 1976 and proceeded South to the NW corner of Section 34. Then a random traverse was run around Section 34 and closed upon the point of beginning. Furthur, random traverse was run along the approximate property boundaries, some of which were approximated by fence lines, and survey points established near the corners to be monumented.

Angles were measured with a 1 second Kern theodolite and distances were measured with a McHenry Systems electronic distance meter. Bearings were based on a solar observation taked during Survey No. 13-36-9 filed May 4, 1976. A solar observation was taken during the course of this survey and the bearing of the West line of the SW¼ of Section 27 conformed to the 1976 solar within the limits of accuracy of solar measurement. I therefore used the 1976 bearing to make the basis of bearing of the two adjacent surveys coincidental.