

## RECORD OF SURVEY for the

## U.S. FOREST SERVICE

MALHEUR NATIONAL FOREST Sec. 29 and a portion of Secs. 32 & 33, TI7S, R32E Willamette Meridian Grant County, Oregon **ROAD CADASTRAL SURVEY** 21 APRIL 1985

## NARRATIVE

The purpose of this survey is to mark boundary lines between National Forest Land and privately owned land, and to monument, remonument, or reestablish corners which control these boundaries. The description of National Forest Land contained within Section 29 is as follows: Section 29, except the W1/2 SE1/4NW1/4NW1/4, the E1/2SW1/4NW1/4NW1/4, the NE1/4SW1/4 NW1/4, the E1/2SE1/4SW1/4NW1/4, the SW1/4NW1/4SE1/4NW1/4, W1/2SW1/4SE1/4NW1/4, the E1/2NE1/4NW1/4SW1/4, SE1/4 NW1/4SW1/4, SE1/4SW1/4NW1/4SW1/4, THE W1/2W1/2NE1/4 SW1/4, the SE1/4SW1/4NE1/4SW1/4, the N1/2NW1/4SE1/4SW1/4, and the NW1/4SW1/4SW1/4. This survey was performed for the Malheur National Forest under Contract No. 53-04H1-4-9665N, Road Cadastral

HISTORY - The south line Township was surveyed in 1883 by Henry W. Cooke. The Township was subdivided in 1884 by Henry W. Cooke. The quarter corner to Section 33, T. 17 S., R. 32 E., and Section 4, T. 18 S., R. 32 E., was remonumented in 1980 by F. Elmo Calkins, LS 1805, for the USDA Forest Service. No other surveys of record were found which affect the lines shown in this survey. The internal lines of Section 29 were patented by the United States as aliquoit parts and no record of survey was found to indicate a Homestead

SURVEY - Basis of Bearings is a solar observation taken at a point \$24009'14"W 1630.92 feet from the east quarter corner of Section 29. Survey proceeded by closed random traverse around the exterior of Section 29, tying to the corners shown, and along the west and south line of Section 32, and the south line of Section 33. The north quarter corner of Section 29 was reset from the one remaining bearing tree. The original stone marking the west quarter corner to Section 29 was found in this survey. Internal lines of Section 29 were run by closed random traverse along lines calculated from the external control. Corners were set radially from points on these control lines and boundary lines posted by offsets from the random lines.

GENERAL NOTES - Equipment used in this survey included a TOPCON GTS-2, and a 100 foot steel chain. Calculation of the subdivision of Section 29 and the proportioning of corners was accomplished in accordance with principles outlined in the Manual of Surveying Instructions, 1973. Traverse closures exceeded 1/5000. Traverses were adjusted by balancing angles and applying the Compass Rule of adjustment. Aluminum monuments set in this survey consist of a 3-1/4" aluminum cap with magnet riveted to a 2-1/2" aluminum pipe 30" long with a flanged base. Bearing trees not indicated in the corner notes as having been found were established in this survey. All bearing trees established in this survey have a 3/4" brass washer marked "LS 1918" attached to the BT blaze. Measurements to all bearing trees in this survey were made to the center tree, unless otherwise noted. Bearing trees have blazes and bands painted red and appropriate Forest Service signs attached. All corners have a 6 foot steel fence post driven approximately 3 feet away with appropriate Forest Service signs attached. Boundary lines are marked with steel fence posts with Property Boundary signs. Iron rod or rebar set for RMs are 3/4" x 30". 'Set' bearing trees indicates 'Marked'.

## SURVEYOR'S CERTIFICATE

I, TYLER B. PARSONS, a registered Land Surveyor in the State of Oregon, do hereby certify that this plat and the notes contained hereon, or attached, are a correct representation of a survey I performed in April and May, 1985, at the request of the USDA, Forest Service, in accordance with the statutes of the State of Oregon and the articles of my contract.

TYLER B. PARSONS 1915 SE STONE STREET CORVALLIS, OR 97333 (503) 752-7515

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RECEIVED AND JUN 19 1985

**DEFICE OF COUNTY SURVEYOR**