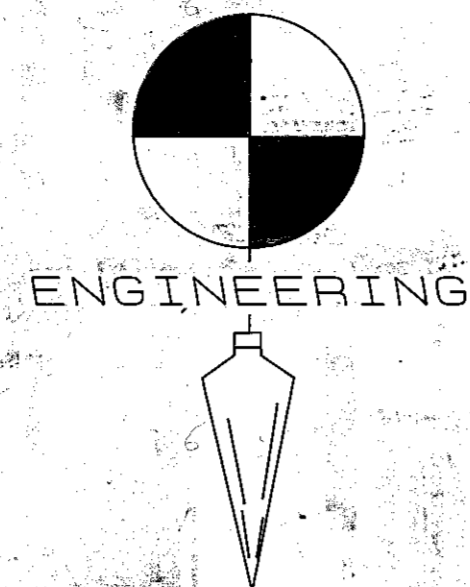


A PORTION OF "DOOLEY FIRE CADASTRAL"  
 SUBDIVISION AND DETERMINATION OF  
 FOREST BOUNDARY IN SECTION 19,  
 T11S R41E W.M., BAKER  
 COUNTY, OREGON

FERGUSON SURVEYING

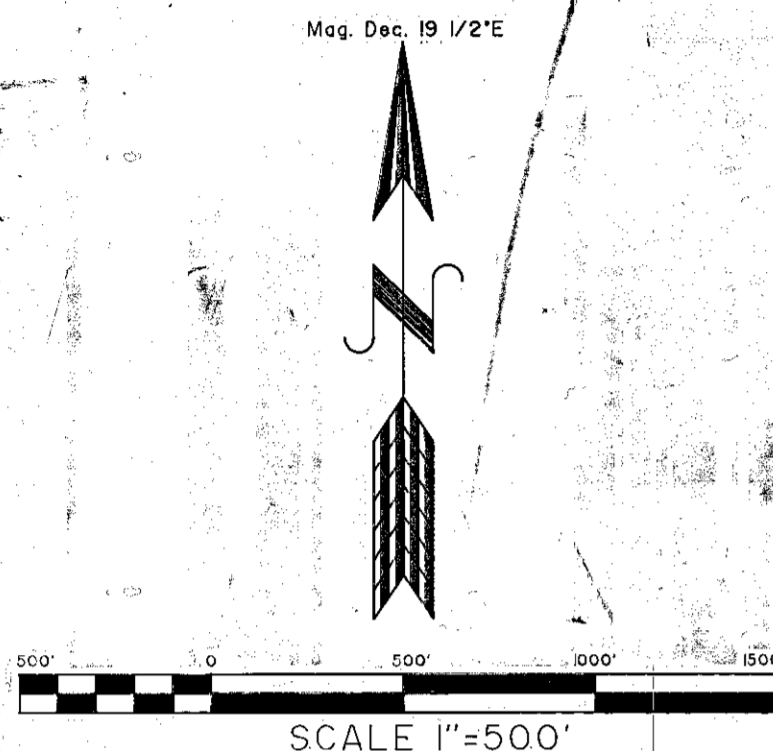


Survey by: Douglas M. Ferguson (PLS 848)  
 Kenneth H. Delano Jr. Surv. Tech.  
 D. Mitchell Ferguson Surv. Tech.

Drawn by: Kenneth H. Delano Jr.  
 Mollie Ferguson Wood

For: U.S.D.A. Forest Service  
 Wallowa Whitman National Forest

MT. VERNON, OREGON  
 932-4520



BASIS OF BEARING

Solar observations with true meridian two miles west of the Range line between T.11S., R.40E., & R.41E. This Basis of Bearing conforms with Baker County Map of Survey No. 11-40-126.

LEGEND

- Set 2-1/2"x30" aluminum pipe with 3-1/2" aluminum cap stamped as shown in the "MONUMENTATION"
- Found monument of record, as described in the "HISTORY" and the notes at each corner
- Record bearing on distance as reported by Benjamin Vaughn in 1874 under contract no. 211
- Record bearing on distance as reported by Henry W. Cooke in 1882 under contract no. 418
- Record bearing on distance as reported by the Bureau of Land Management under a dependant resurvey in 1960.
- Exterior section lines
- center section lines
- Subdivisional lines
- Marked forest boundary with steel posts and forest boundary signs at maximum intervals of 300 ft.

LINE TABLE	
L1	[North]
	N2-03°E N2-00°-00"E 521.64 [521.40] [498.30]
L2	[North]
	N00-05°W N0-04°-24"W 537.77 [537.24] [534.60]

HISTORY

The west line of this T.11S., R.41E., was originally surveyed by Benjamin Vaughn, in 1874, under General Land Office Contract 211. Beginning at the corner to T.10 & 11 S., R.40 & 41 E., Vaughn ran South setting corners every 20 chains. Vaughn then subdivided this Township under the same contract in 1882. Henry W. Cooke, under General Land Office Contract 418, re-surveyed the East line of T.11S., R.41E., running North with no deviation from the line as run by Vaughn, setting corners on that line which relate to T.11S., R.40E.

In 1939, Otis O. Gould monumented original evidence at the NW cor. of S30, and at the NW cor. of S19, T11S., R41E., under investigative group No. 163 for the General Land Office.

In 1960, C. Albert White, cadastral surveyor for the Bureau of Land Management, performed a dependant resurvey of certain exterior lines and subdivisional lines of T.11S., R.41E., under special instructions, group No. 261, dated Sep. 3, 1940, to provide for these surveys. This survey included the retracement of the west line of section 19, whereby the East 1/4 of S24, T.11S., R.40E., and the west 1/4 of S19, T.11S., R.41E., were determined lost by White and set at proportionate distance. The corners re-monumented by Gould and by White provide the west line of section 19 with angle points along the Range Line as shown. The 1/4 corners to sections 18 and 19, sections 19 and 20, sections 19 and 30, were also determined lost and set at proportionate measure.

NARRATIVE

This survey was performed under contract for the Wallowa Whitman National Forest, the purpose of which is to establish and mark the forest boundaries.

In order to perform this survey, the exterior corners for section 19, T11S., R41E., were found and this section was then subdivided as required. All previously set monuments were maintained as required. Positional control for this survey is provided by a closed traverse network. LITZ SDM 3E electronic tachometer was used to obtain the measurements and a HP-88B computer system was used to perform the computations. A HP VECTRA 85/20 computer system was used for plotting and drafting. Field notes and computations are on file in the office of "FERGUSON SURVEYING & ENGINEERING", Mt. Vernon, OR.

I, Douglas M. Ferguson, Registered Professional Land Surveyor in the State of Oregon, hereby certify that this plat, notes and records hereon or referenced are a correct representation of the survey performed in Sep. 1989 thru June, 1990, for the U.S. Forest Service in accordance with the statutes of the State of Oregon and the article of my contract, No. 93-04M3-0-03955.

Douglas M. Ferguson, OR, PLS 848  
 Pres., Ferguson Surveying & Engineering

EXAMINED AND ACCEPTED BY THE U.S. FOREST SERVICE  
 THIS 30th DAY OF October, 1990

Richard A. Chesko C.O.R.

I CERTIFY THAT THIS SURVEY WAS PERFORMED AT THE  
 REQUEST OF THE Wallowa Whitman  
 NATIONAL FOREST SUPERVISOR

signature *Richard A. Chesko* date 11/1/90

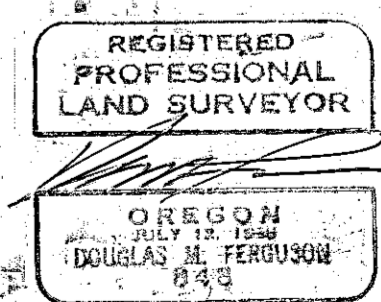
MONUMENTATION

See standard U.S.F.S. "INDEX NO." in the circle below and the corresponding circle on this map. Refer to "CERTIFIED RECORD OF LAND CORNER MONUMENTATION" forms as referenced to this map of survey and filed in the office of the Baker County Surveyor. Those forms give complete detail as to the HISTORY, (both recorded and un-recorded), pertaining to those corners. The caps are stamped as shown below and the new accessories as required are noted below. This project, being in a recently burnt area, required the use of 1/2"x24" iron pins with 1-1/2" aluminum caps as accessories and are stamped as noted below. In the case where trees are available, painted a 6" red band at breast height around all bearing trees and attached warning and bearing tree signs as required and a brass washer stamped PLS 848 in the blaze above the "BT". Set steel posts with warning and/or boundary signs on the property line each way from the property corners and within 5 ft. of the monument. Any other work as required is noted below.

- T11S R41E  
 NW1/4  
 S19  
 1989  
 PLS 848  
 Set 1/2"x24" iron pins with aluminum caps as follows:  
 N20 01°E, 11.0 ft., stamped NW1/4 S19, RM and an arrow with course to monument, 1989 PLS 848  
 S86 11°W, -91.40 ft., stamped NW1/4 S19, RM and an arrow with course to monument, 1989 PLS 848
- T11S R41E  
 W1/4  
 C-7C  
 S19  
 1989  
 PLS 848  
 Set 1/2"x24" iron pins with aluminum caps as follows:  
 S83 48°E, 10.4 ft., stamped C-7/4 S19, RM and an arrow with course to monument, 1989 PLS 848  
 S44 23°W, 80.48 ft., stamped C-7/4 S19, RM and an arrow with course to monument, 1989 PLS 848
- T11S R41E  
 C1/4  
 S19  
 1989  
 PLS 848  
 Set 1/2"x24" iron pin with aluminum cap as follows:  
 S06°29'E, 50.73 ft., stamped C1/4 S19, RM and an arrow with course to monument, 1989 PLS 848  
 New Bearing Trees:  
 A.W. Fir 12" diam. bears S85 39°W, 12.7, scribed  
 A.W. Fir 10" diam. bears N21 22°W, 25.9, scribed  
 C1/4 S19 BT.  
 A.P. Pine 8" diam. bears N69 33°E, 10.6, scribed  
 C1/4 S19 BT.

CORNER MAINTAINENCE

All previously monumented corners encountered and shown on this map were maintained as required. Whereby, new accessories are established and monuments are maintained as necessary to provide a sound monument with proper accessories. All such work is shown on "CERTIFIED RECORD OF LAND CORNER MONUMENTATION" forms as referenced to this Baker County Map of Survey No. 11-41-1



FILED 100-4-1091  
 BAKER COUNTY SURVEYOR  
 SURVEY NO. 11-41-1