

Subdivision & Location of Forest Boundary
Sections 7, 8, 9 & 10, T.10S., R.29E., W.M.
Grant County Oregon.
June, 1985 & April-May 1986
FOR: Malheur National Forest
Drawn By: Mollie Wood
Survey By: Douglas M. Ferguson, PLS 848 & Ken Delano

Ferguson Surveying
Engineering
Mt. Vernon Or.
Tel. 332-4520

LEGEND

- Set 2-1/2"x30" aluminum pipe, with 3-1/2" aluminum cap, stamped as shown under "MONUMENTATION"
- Found 2-1/2"x30" aluminum pipe, with 3-1/2" aluminum cap, as shown on the Map, Lt.
- Found 2" iron pipe, with 2" Brass Cap, as shown on the Map, Lt.
- Found 2" iron pipe, with 2" Brass Cap, out of proper position, re-set to proper position.
- Forest Boundary, marked by setting steel posts with Boundary Signs at max. intervals of 200'
- Bearing or Distance of Record, from original survey, by W.H. Byars, in 1873, or by Bamford Robb, in 1881. (See "HISTORY" below)
- Bearing or Distance of Record as reported by this Surveyor (P.L.S. 848), on Map of Survey No. 566, as filed in the Grant County Survey Records, in 1979. (See "History" below)
- Bearing or Distance of Record as reported by David Armstrong, PLS 1026, on Maps of Survey Nos. 698 & 699, as filed in the Grant County Survey Records, in 1981. (See "History" below)
- Bearing or Distance of Record as reported by this Surveyor (P.L.S. 848) on Maps of Survey Nos. 874 & 920, as filed in the Grant County Survey Records, in 1985 & 1986. (See "History" below)
- Fence Line

NARRATIVE

This Survey is performed under contract for the Malheur National Forest, the purpose of which is the establishment and marking of the Forest Boundary. In order to accomplish this it is necessary to re-establish several original corners which are determined to be lost, as follows: The corner S4/S5/S8/S9 is shown as a lost corner by Map of Survey No. 699 (See "History") also is confirmed as lost by this survey and re-established by proportionate measure, as shown on this Map Lt., and conforming to the pattern as set forth on that Map of Survey No. 699. The corner S3/S4/S9/S10 is then re-established by proportionate measure as shown on this Map Lt., finally the 1/4 Sec. Corners which are determined to be lost are established as shown by proportionate measure between previously established or found Section Corners. The above described lost corners are in areas where farming or fencing over the years have destroyed all evidence of the original corners. The initial search for the Cor. S2/S3/S10/S11 reveals no evidence, however after measuring to fencing and highway North & East, the search area is refined and the original corner stone is found under the sod of a cultivated field. Original measurements in these Sections are relatively accurate and even though there is extensive obliteration and re-establishment, the lines as determined by this survey conform reasonably well with fencing. It is felt that the re-established corners and lines are very near to the original location.

This Survey is performed in accordance with provisions of Chapters 3, 4, 5 & 6 of the "Bureau of Land Management", "Manual of Surveying Instructions" of 1973. The notes on the map and the CERTIFIED RECORD OF LAND CORNER MONUMENTATION, as referenced to this map and filed in the Office of the Grant County Surveyor are referred to here as a portion of this NARRATIVE.

Positional control for this survey is provided by a closed traverse network. LIETZ SDM 3E Electronic Tacheometer is used to obtain the measurements and HP-86B computer system is used to perform the computations. Field Notes and computations are on file in the office of "Ferguson Surveying & Engineering", Mt. Vernon Oregon.

I, Douglas M. Ferguson, Registered Professional Land Surveyor, in the State of Oregon, hereby certify that this plat, notes and records hereon or attached are a correct representation of the survey I performed during, Oct. 1985 & March 1986, for the U.S. Forest Service, in accordance with the statutes of the State of Oregon and the articles of my contract No. 53-04H1-4-9684N.

Douglas M. Ferguson, OR. PLS 848

HISTORY

In 1873, under "General Land Office" Contract No. 197, W.H. Byars Surveyed the North & West exterior of T.10S., R.29E., he then surveyed and established the corners of sections 1, 2, 3, 4, & 5, including the corner of sections 5, 6, 7 & 8.

Bamford Robb Surveyed the East, West & South Boundaries of Sections 8, 9, 10 & 11 and the South and East Boundaries of Section 7, closing on corners set by W.H. Byars. This work is performed in 1881, under "General Land Office" Contract No. 383.

In 1979 this Surveyor, PLS 848 retraced the line between Sections 7 & 8 and re-established the 1/4 Cor. Sec. 8/7. This work is shown on Map of Survey No. 566, as on file in the Grant County Survey Records. The following corners are also re-monumented as based on original evidence, by this Surveyor, in 1979: 1/4 S5/S8, 1/4 S8/S17 and 1/4 S7/S18.

In 1981, David B. Armstrong, PLS 1026, retraced the line between T.10S., R.28 & 29E., where he found and re-monumented the Cor. S13/S18/S19/S24 and S1/S6/S7/S12, then re-established the lost corners between those found corners. See Map of Survey No. 698, of the Grant County Survey Records.

Also in 1981, David B. Armstrong, PLS 1026, re-established the Cor. S8/S9/S16/S17 by proportionate measure between corners found 1/2 mi. East, 1/2 mi. West, 1 mi. South and from a proportioned position on the Twp. line. 2 mi. North. See Map of Survey No. 699, of the Grant County Survey Records.

In 1984, this Surveyor, PLS 848 retraced the line between Sections 10/15, re-establishing the 1/4 S10/S15, by proportionate measure between the Section Corners, and establishing the E1/16 S10/S15. See Map of Survey No. 874, as completed and filed in the office of the Grant County Surveyor, in 1985.

In 1985 & 1986, this Surveyor, PLS 848, retraced the line between S12/S7, T.10S., R.28 & 29E., as previously retraced and re-established by David B. Armstrong, PLS 1026, while performing work as shown on Map of Survey No. 698. See Map of Survey 920, as on file in the Grant County Surveyors Office.

REGISTERED
PROFESSIONAL
LAND SURVEYOR

OREGON
JULY 12, 1986
DOUGLAS M. FERGUSON
848

RECEIVED AND
FILED

JUN 20 1986

OFFICE OF COUNTY SURVEYOR
Malheur National Forest
Baker, Oregon