# Record of Survey

MS 11 and a portion of Section 33
Puzzle Cadastral Survey
Wallowa-Whitman National Forest

### WARRATIVE

#### Purpose:

This survey was performed under Wallowa-Whitman National Forest (WWNF) Contract No. AG-04M3-C-09-0018, Dated May, 26, 2009, with Notice to Proceed dated July, 1, 2009. The Contracting Officer (CO) is Jane Stuessy. Ken Lind, LS, USFS, is the Contracting Officers Representative (COR), and provided technical support and consultation.

The purpose of this survey is to post and mark the boundaries of the Wallowa-Whitman National Forest (WWNF) in portions of section 33 and Mineral Survey 11. No Title Report, deeds, or legal descriptions were supplied or employed in support of this survey. The lines to post and mark are as delineated by WWNF within said contract.

### History:

Mineral Survey No. 11 was originally surveyed by Chet M. Foster, U.S. Deputy Surveyor, approved October 28, 1872.

Mineral Survey No. 11 was resurveyed by William L. Hanley, L.S. 1639, as described by Baker County Survey No. 8-44-10, filed October 29, 1980. Mineral Survey No. 11 was remonumented by Harry C. Hildebrand, L.S. 1898, as described by Baker County Corner Records, filed June, 1982.

The South Boundary of Township 7 South, Range 44 East, WM, OR, was originally surveyed by Nicholas O. Walden, under Contract No. 198, approved June 1, 1874. The Subdivision of Township 7 South, Range 44 East, WM, OR, was originally surveyed by William B. Barr, under Contract No. 503, approved March 21, 1885. A Dependant Resurvey of the South Boundary of Township 7 South, Range 44 East, was performed by Carl E. Sundet, PLS 1664, recorded as Baker County Survey No. 8-44-63, filed July 28, 1983. In 1984, a Dependant Resurvey and Section Subdivision was performed in Sections 16, 17, 26, 27, 28 33, 34 and 35, by Barry B. Barbour, PLS 1051. In 1988, a corner search project was conducted by Duane I. Griffith, PLS 644. Griffith's recovery of three original W. B. Barr corners affects the proportioned position of sixteen original corners and fifty-one section subdivision corners established by Barbour in 1984. A Survey Resolution Agreement was recorded as Baker County Survey No. 7-44-227, filed September 11, 1990, documenting all problems known at that time and CANCELLED the following Barbour plats: 7-44-74, 7-44-75, 7-44-77 and 7-44-78. A Dependent Resurvey was executed by Bureau of Land Management Cadastral Surveyor, Rick E. Tawney, under Group No. 1554, approved April 21, 1992. A Boundary Line Adjustment between parcels in the SW1/4 of Section 33 was surveyed by Leland Lee Myers, LS 699, recorded as Baker County Survey No. 7-44-228, filed July 2, 2001.

### Procedure

Tawneys' (1992) plat supersedes and corrects previous improper surveys. This survey accepts and retraces the faithful retracement of Tawneys' plat in portions of Section 33.

This survey accepts and retraces the faithful retracement of Mineral Survey No. 11 by William L. Hanley, L.S. 1639, in 1980.

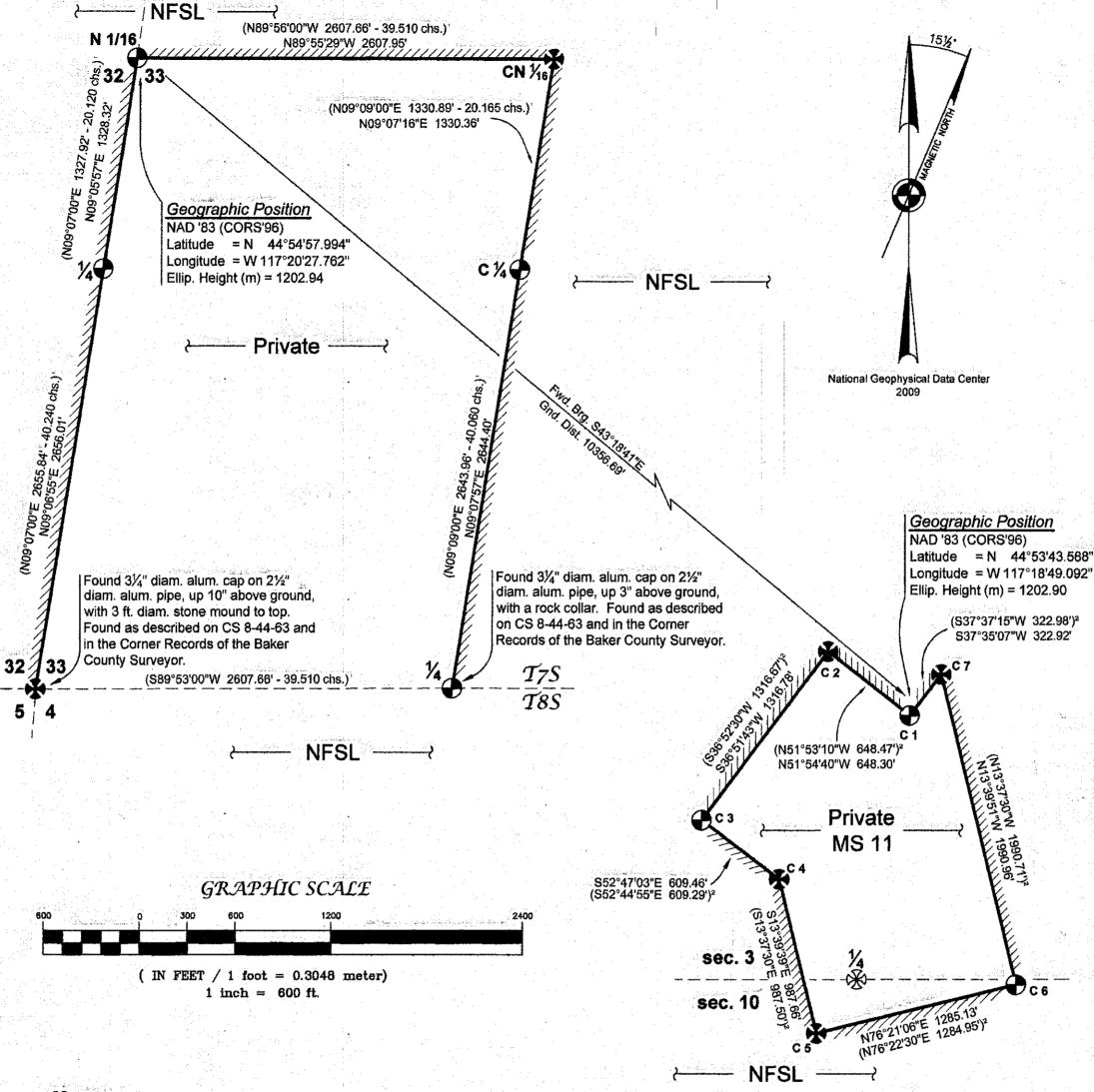
This survey was performed as defined in the Department of Interior, Bureau of Land Management, Manual of Survey Instructions '73 (Manual), USFS Cadastral Survey Specifications, Oregon Revised Statutes (ORS), and followed the "Standards and Guidelines for Cadastral Surveys using Global Positioning System Methods, Version 1.0, March 31, 2001, as adopted by the US DOI Bureau of Land Management and USDA Forest Service". Lines shown as Posted were posted with six foot galvanized channel posts and existing T-posts were perpetuated, both with National Forest boundary signs attached, at intervals less than 250 feet.

This survey was performed by a combination of NAVSTAR GPS and conventional ground survey methods. Dual frequency carrier-phase receivers were used to establish control and monument positioning. A Total Station (3 sec. angular, 2mm+2ppm EDM) and data collector were utilized for conventional ground surveys. All monumented positions are within closed GPS networks, a conventional closed traverse, or with benefit of redundant measurements. Trimble Geomatics Office software was used for least squares adjustment, at the two sigma level, of survey data.

The geographic position shown hereon was derived by static GPS methods and is controlled by observation data uploaded to the U.S. National Geodetic Survey (NGS) Online Postioning User Service (OPUS), which utilized Continuously Operating Reference Stations (CORS'96, epoch 2002); SENECA 2 (ORS2), WSUOTHELO WA2004 (P451), IDAHO DOT (IDTD).

**Basis of Bearing:** The Basis of Bearing is the True Meridian and was derived from GPS observations. Section 33 Plane Coordinates were calculated on a false meridian, and zero convergence angle, at the north 1/16 corner of Sections 32 and 33, and then converted to ground bearing and distances with a project scale factor of 1.0001882892.

Mineral Survey 11 Plane Coordinates were calculated on a false meridian, and zero convergence angle, at Corner No. 1, and then converted to ground bearing and distances with a project scale factor of 1.0001882830.



## Notes

On corners, shown hereon, requiring Corner Records be filed separately with the Baker County Surveyor, the following information applies:

- Record and measured distances to bearing trees are to the side center of tree unless noted otherwise.
   All bearing trees are painted with red bands and have Bearing Tree (54-3) and Land Survey Monument (54-9) signs attached.
- All new bearing trees have an aluminum nail side center for distance measurement.
- 4. Bearings and distances to new bearing trees were measured using a Warren Knight staff compass with tripod, a logger's tape, a diameter tape and clinometer, or a Nikon Total Station from established control. Bearings to bearing trees at corners not needing new accessories were checked against the record with a hand compass. The project magnetic declination was determined to be 15½° East using the National Geophysical Data Center web site.
- 5. Corners controlling the National Forest Boundary, as shown herein, are posted with Property Boundary (54-2) signs, with a Land Survey Monument (54-9) sign on nearby post.
- 6. Other controlling corners, as shown herein, are posted with a nearby Land Survey Monument (54-9) sign.
- 7. Fence locations, if any, are described in Monument Records filed separately.

# FILED <u>Feb. 24, 2016</u> BAKER COUNTY SURVEYOR SURVEY NO. <u>7-44-253</u> 8-44-149

## CERTIFICATE OF SURVEY

I, Ron C. Walter, L.S. No. 2648, State of Oregon, do hereby certify that the survey represented on this plat was performed by me or under my supervision in accordance with the laws of the State of Oregon, at the request of the U.S. Department of Agriculture, Forest Service.

REGISTERED
PROFESSIONAL
LAND SURVEYOR

18 FEB 2610

F. S. ACCEPTANCE

this 17, day of February, 2010.

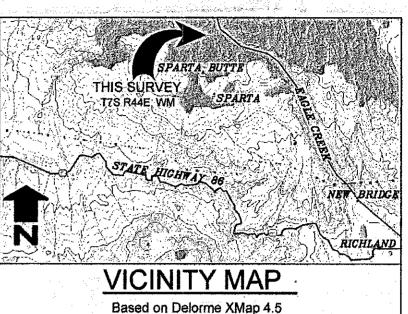
I certify that this survey was performed at the

Examined and approved for the U.S. Forest Service

request of the Wallowa-Whitman National Forest Supervisor.

OREGON
JANUARY 18, 1994
RON C. WALTER
2648

Renewal Date: June 30, 2010



### Scale: 1" = ± 5 miles

LECEND

Found monument of record, Corner Card filed separately with Wallowa-Whitman National Forest.

Found monument of record, Corner Record filed separately with the Baker County Surveyor and Corner Card filed separately with WWNF.

Note: Typical monument material on Mineral Survey 11 is a 2½ ins. diam. brass cap on a 2½ ins. diam. galvanized iron pipe, and section 33 is a standard BLM 3¼ ins. diam. brass cap on a 2½ ins. diam. stainless steel post. unless noted otherwise.

- Cadastral monument of record (GLO Grp. 503, 1885), not recovered this survey.
- ( ) Record informational calls from Group No.1554, approved April 21, 1992.
- ( )2 Record informational calls from CS 8-44-10.

Survey line Posted (USFS signs) and Blazed (///NFSL side)

NFSL National Forest System Lands.

## REFERENCE MATERIAL

Deed References:

n/a

### County Surveys:

CS 8-44-10 CS 8-44-63

> CS 7-44-74 CS 7-44-75

CS 7-44-75

CS 7-44-78

CS 7-44-227 CS 7-44-228

Other Material:

- Field Notes and Plat Mineral Survey No. 11, by Chet M. Foster, approved October 28, 1872.
- GLO Field Notes and Plat of Contract No. 198, by Nicholas O. Walden, approved June 1, 1874.
- GLO Field Notes and Plat of Contract No. 503, by William B. Barr, approved March 21, 1885.
- BLM Field Notes and Plat of Group No. 1554, by Rick E. Tawney, approved April 21, 1992.
- Corner Records filed with the Baker County Surveyor.

No title report provided or utilized in support of this survey.

# Record of Survey Wallowa-Whitman National Forest

LOCATED WITHIN
Sec. 33, T7S, R44E
and Secs. 3 & 10, T8S, R44E
Willamette Meridian, Baker County, Oregon

Wallowa Associates
303 S.E. Alamo Street
Enterprise, Oregon 97828
(541) 426-9049

	2 1/2 1/2 (O41) 420-9049 (Line 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2		
	SCALE	SHEET No.	DATE OF SURVEY
	1" = 600'	1 of 1	Beginning: 7/17/09 Ending: 7/31/09
V.	DRAWN BY	CHECKED	PROJECT No.
	MRB DATE 11/09	RCW	WA E092-01/1923