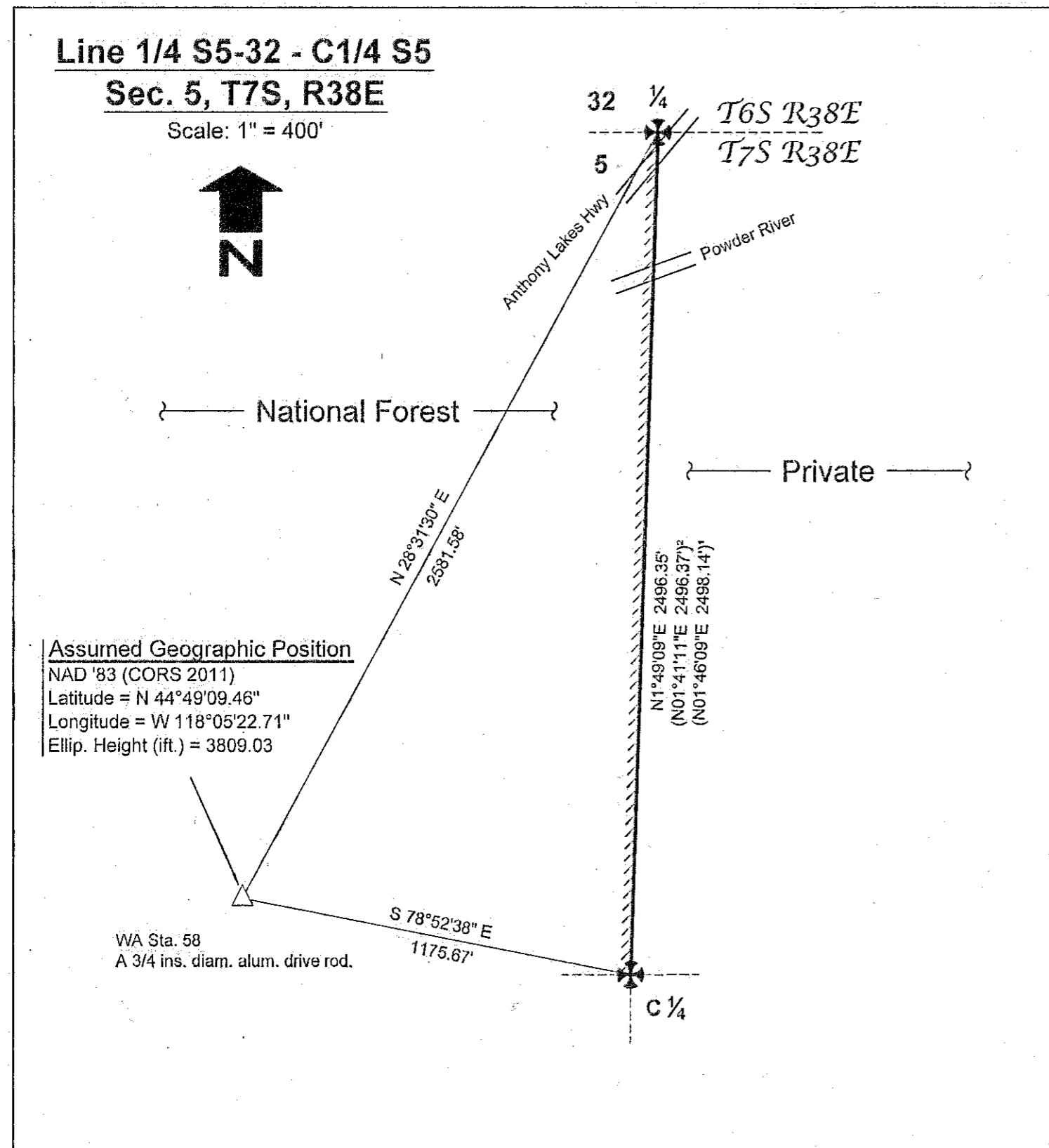


# Record of Survey

East Face Boundary Cadastral  
Wallowa-Whitman National Forest



**Assumed Geographic Position**  
NAD '83 (CORS 2011)  
Latitude = N 44°49'09.46"  
Longitude = W 118°05'22.71"  
Ellip. Height (ft.) = 3809.03

## LEGEND

- Cadastral monument of record recovered and accepted this survey. See individual Corner Record for description of found condition and any refurbishment.
- Record informational calls from Survey No. 7-38-026.
- Record informational calls from Survey No. 7-38-020.
- Survey line Posted (USFS signs) and Blazed.
- GPS control point, this survey.

## Successor Surveyor's Certificate of Survey

I, William R. Wells, Oregon Professional Land Surveyor No. 1106, do hereby certify that the field work represented on the accompanying plat was performed under the direction of Ron C. Walter, Oregon Professional Land Surveyor No. 2648, deceased, in accordance with the laws of the State of Oregon, at the request of the U.S. Department of Agriculture, Forest Service. I further certify that I accept the field work done under Mr. Walter's direction and that I have thoroughly reviewed the accompanying plat and Certified Record of Land Corner Monumentation forms filed concurrently with this plat, and accept full professional responsibility for this project work.

William R. Wells 02-18-15  
Signature Date

REGISTERED PROFESSIONAL LAND SURVEYOR  
William R. Wells  
OREGON July 22, 1977  
WILLIAM R. WELLS  
1106  
Renewal Date: June 30, 2016

REGISTERED PROFESSIONAL LAND SURVEYOR  
**DECEASED**  
OREGON January 18, 1994  
RON C. WALTER  
2648  
Renewal Date: June 30, 2016

FILED Feb. 25, 2015  
BAKER COUNTY SURVEYOR  
SURVEY NO. 6-38-28  
7-38-107

## NARRATIVE

### Purpose:

This survey was performed under Wallowa-Whitman National Forest (WWNF) Contract No. AG-05K3-C-09-0020, Task Order AG-04M3-D-14-0047, with Notice to Proceed dated June 4, 2014. Ken Lind, LS, was the Contracting Officers Representative (COR), and provided technical support and consultation. The purpose of the survey is to search and monument original corners in T6S, R38E and T5S, R37E, subdivide sections 31 and 32 in T6S, R38E, maintain monumented corners in T5S, R37E; T5S, R38E; T6S, R38E and T7S, R38E, maintain portions of WWNF boundary and post and mark portions of WWNF Boundary. This contract does not include a Title Report nor title research. The lines to post and mark and maintain are as delineated by WWNF within said contract.

### History:

The north and south boundaries of Township 5 South, Range 38 East were originally surveyed by Timothy W. Davenport, under GLO Contract No. 102, approved January 12, 1864, and were retraced by William B. Barr, under GLO Contract No. 388, approved December 31, 1881. The subdivision of Township 5 South, Range 38 East was originally surveyed by William B. Barr, under GLO Contract No. 388, approved December 31, 1881. The Remonumentation of Certain Original Corner Points in Township 5 South, Range 38 East was surveyed by Scott R. McIntyre, under BLM Group No. 1000, approved December 27, 1983. Portions of the township have been resurveyed by local surveyors over the intervening years.

The east boundary of Township 5 South, Range 37 East was originally surveyed by Timothy W. Davenport, under GLO Contract No. 102, approved January 12, 1864, and was retraced by William B. Barr, under GLO Contract No. 388, approved December 31, 1881. The south boundary of Township 5 South, Range 37 East was originally surveyed by Jacob C. Cooper, under GLO Contract No. 397, approved December 5, 1882. The subdivision of the township was originally surveyed by William R. Gradon, under GLO Contract No. 445, approved December 5, 1881. Portions of the township have been resurveyed by local surveyors over the intervening years.

The north boundary and subdivision of Township 6 South, Range 38 East were originally surveyed by William B. Barr, under GLO Contract No. 388, approved December 31, 1881. Portions of Township 6 South, Range 38 East were surveyed by Barry B. Barbour, as described by Union County Survey Nos. 095-1979, 049-1980, 022-1981, 023-1981 and 044-1981 and by Baker County Survey No. 6-38-001. Portions of the township have been resurveyed by local surveyors over the intervening years.

A portion of Township 7 South, Range 38 East was originally subdivided by William R. Gradon, under GLO Contract No. 445, approved December 5, 1882. The Remonumentation of Certain Original Corner Points in Township 7 South, Range 38 East was surveyed by Lester E. Fischer, under BLM Group No. 350, approved June 13, 1977. A portion of Section 5, T5S, R37E, was subdivided by William L. Hanley, LS 1639, as described by Survey No. 7-38-020, filed November 18, 1981, in the records of the Baker County Surveyor. A portion of Section 5, T5S, R37E, was further subdivided by J. David Brinton, LS 2065, as described by Survey No. 7-38-026, filed January 11, 1985, in the records of the Baker County Surveyor. Portions of the township have been resurveyed by local surveyors over the intervening years.

### Procedure:

This survey was performed as defined in the Department of Interior, Bureau of Land Management, Manual of Survey Instructions (Manual), USFS Cadastral Survey Specifications, Oregon Revised Statutes and Accepted Standards of Practice for rural Oregon. This survey followed the "Standards and Guidelines for Cadastral Surveys using Global Positioning System Methods, Version 1.0, March 31, 2001", and the update "Standards for the Positional Accuracy of Cadastral Surveys when using Global Navigation Satellite Systems (GNSS), February 23, 2009 Version, approved April 5, 2010", as adopted by the US DOI Bureau of Land Management and USDA Forest Service. Lines shown as Posted and Marked were posted with six foot steel "T" posts with National Forest boundary signs attached at 200 foot intervals or intervals and marked with quarter blazes on USFS trees and face blazes on private trees.

This survey was performed by a combination of Global Navigation Satellite System (GNSS) and conventional ground survey methods. Dual frequency carrier-phase GNSS receivers were used to establish control and monument positioning. A total station (3 sec. angular, 2mm+2ppm EDM) was used for conventional ground surveys. All monumented positions are within closed GPS networks, a conventional closed traverse, or with benefit of redundant measurements. Trimble Business Center 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 controlled by observation data uploaded to the US National Geodetic Survey (NGS) Online Positioning User Service (OPUS), which utilized Continuously Operating Reference Stations (CORS'11): PENDLETON (PDN), LEWISTON (LWST) and SENECA 2 (ORS2).

### Basis of Bearing:

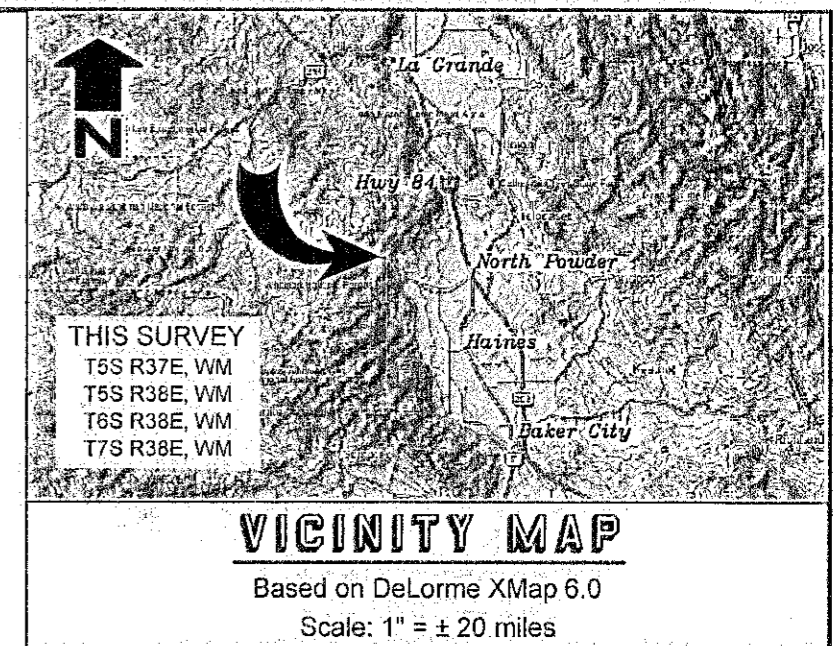
The Basis of Bearing is the True Meridian and was derived from GPS observations. Local plane coordinates were calculated on a false meridian, and zero convergence angle, at the standard corner of Sections 31 and 32, then converted to ground bearing and distance with a project scale factor of 1.0002311178.

### Explanation for Successor Certifying Surveyor:

Mr. Ron C. Walter, PLS, passed away on January 15, 2015. At the time of his passing, the field work for this project had been completed and "Draft" versions of this Record of Survey and Land Corner Records had been completed and submitted to the Wallowa-Whitman National Forest and the Union and Baker County Surveyors, for review. The Forest Service and the Union and Baker County Surveyors have subsequently completed their reviews of the project and their comments have been addressed on this final Record of Survey and the Certified Record of Land Corner Monumentation forms filed concurrently with this plat.

William R. Wells, PLS, was designated as Alternate Field/Office Supervisor on the original WWNF Contract but did not actively participate in project field work. Mr. Wells has thoroughly reviewed this Record of Survey and the accompanying Certified Record of Land Corner Monumentation Records and has interviewed supervisory Project Staff. William R. Wells, PLS, accepts full professional responsibility for this project by affixing his seal and signing the seal and Successor Surveyor's Certificate of Survey.

This Narrative applies to this Record of Survey and the Certified Record of Land Corner Records filed concurrently with this plat.



## REFERENCE MATERIAL

### Baker County Surveys:

- Survey No. 6-38-1
- Survey No. 7-38-20
- Survey No. 7-38-26

### Union County Surveys:

- Survey No. 95-1979
- Survey No. 48-1980
- Survey No. 49-1980
- Survey No. 22-1981
- Survey No. 23-1981
- Survey No. 48-1984
- Survey No. 36-2013

### Other Material:

- GLO Field Notes and Plat of Contract No. 102, by Timothy W. Davenport, approved January 12, 1864.
- GLO Field Notes and Plat of Contract No. 388, by William B. Barr, approved December 31, 1881.
- GLO Field Notes and Plat of Contract No. 397, by Jacob C. Cooper, approved December 5, 1882.
- GLO Field Notes and Plat of Contract No. 445, by William R. Gradon, approved December 5, 1882.
- BLM Field Notes and Plat of Group No. 1000, by Scott R. McIntyre, approved December 27, 1983.
- BLM Field Notes and Plat of Group No. 350, by Lester E. Fischer, approved June 13, 1977.
- Monument Records filed with the Baker County Surveyor.
- Monument Records filed with the Union County Surveyor.

## NOTES

Be advised this mapping, and digital copy of same, are protected by contract stipulations of product ownership and copyright laws.

## F. S. ACCEPTANCE

Examined and approved for the U.S. Forest Service this 21st day of February, 2015.

Ken Lind, COR.

I certify that this survey was performed at the request of the Wallowa-Whitman National Forest Supervisor. (Acting)  
Irish Wallace 2/25/2015  
Signature Date

## East Face Boundary - Cadastral Survey Wallowa-Whitman National Forest

LOCATED WITHIN  
T6S, R38E, Sec. 6; T5S, R37E, Sec. 36; T7S, R38E, Sec. 5  
T5S, R38E, Secs. 3-4, 9-10, 15-16, 21-22, 27-28, & 31-33  
Willamette Meridian, Baker & Union Counties, Oregon

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

SCALE 1" = 400'	SHEET No. 2 of 2	DATE OF SURVEY Beginning: 6/11/2014 Ending: 10/18/2014
DRAWN BY KLP	CHECKED WRW/BMJ	PROJECT No. WA 1091-07/2419
DATE 2/2015		

County Survey No. 6-38-28 & 7-38-107