

A PORTION OF "DOOLEY CADASTRAL"

SUBDIVISION AND DETERMINATION OF FOREST BOUNDARY IN SECTIONS 3, 10, 11, and 13, T.12S., R.39E., W.M., BAKER COUNTY, OREGON.

Survey by: Douglas M. Ferguson, P.L.S. 848  
D. Mitchell Ferguson, Party Chief  
Rick Saul, Surv. Tech.

Drawn by: Kenneth H. Delano Jr., Computer Specialist

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

NARRATIVE

This survey was performed under contract for the Wallowa-Whitman National Forest for the purpose of marking the Forest boundary in T.12S., R.39E., Sections 3, 10, 11 and 13.

In order to perform this survey, the control survey was run through all the controlling corners. In addition where corner search was required, the exterior section lines were retraced to assure the footsteps of the original surveyor were being followed.

Extensive search was conducted for the missing corners necessary for this project:

1/4 section corners S9|S10; S 2; S13; S13; and section corner S11|S12, S11 S24 S14|S13

Evidence was recovered at all corners except 1/4 section corners S 2 and S13, both of which were subsequently re-established by single proportionment measure.

At the 1/4 section corner S9|S10, I found a 24"x16"x6" stone (Record: 24"x16"x10") lying loose in a mound of stone. This stone is rough and I can see no marks on it. There are absolutely NO other stones larger than 4" diameter for a radius of 200 feet from this stone. It is obvious to me that this stone has been transported to this site and I see no evidence of any fence building or any other type of use for this stone. In addition this stone fits the topographical call to a ridge 1 chain north and fits within my proportioned position by 4.7 feet. Based on all of this evidence, I accepted this stone as the corner monument and re-monumented it's position.

At my search position for 1/4 S 2 I found the area had been greatly disturbed by past logging practices and a "Cat" trail went directly through the search area. I believe the original post, pits and mounds were either destroyed by the cat trail or else eroded away. I re-established this corner's position by single proportionment as controlled by the previously re-monumented section corners one half mile east and west.

At the search area for section corner for S11|S12 I recovered an unmarked stone near record size (18x16x12) alongside a 2'x4' mound of stone. I also recovered an unrecorded bearing tree, a ponderosa pine 32" in diameter, that bears N19°45'W, 93.6 feet from this stone. The blaze on this tree had been opened and the scribing "T12S R 3 E" is visible. The scribing is odd in size and a ring count indicates this tree was scribed 60-70 years ago. I suspect some person(s) unknown scribed this tree to perpetuate the evidence found. In addition to the unrecorded bearing tree, the line tree I recovered south of this stone bears S0°33'36"W, 932.78 feet. The record for this line tree is South 941.16 feet or a difference of 8.38 feet. Based on all of this evidence, I accepted this stone as the corner and re-monumented it's position.

At the 1/4 section corner S13 I recovered a 16"x12"x10" stone lying on it's face, clearly marked 1/4, lying on the south side of a mound of stone. I accepted this stone as the corner monument and re-monumented it's position.

After an extensive search for the 1/4 section corner for S13| only, I believe the original post and 2 bearing trees have been lost to past logging and fires. I subsequently re-established this corner by single proportionment measurement as controlled by the previously monumented section corners one half mile north and south.

Evidence previously found by the USFS at section corners S 4|S 3; S 9|S10; and the line tree between S14|S13 was all examined, accepted and re-monumented. In the case of the line tree a witness corner and 2 bearing trees, all referencing the line tree itself, were established.

The "Certified Record of Land Corner Monumentation" forms as referenced to this Map of Survey and the notes shown on the Map should be considered a substantial part of this Narrative as they contain the detailed information as to the evaluation of evidence and monumentation work performed.

Positional control for this survey is provided by a closed traverse network. A Lietz SDM3E semi-total station was used to obtain measurements and field set monuments from the survey control. An HP Vectra QS/20 (IBM compatible 386) utilizing Wildsoft software was used to perform the computations and the Map was prepared utilizing AutoCad v.10. The basis of bearing was determined by solar observation to determine a true meridian through the center of the project. Field notes and computations are on file in the office of Ferguson Surveying and Engineering, Mt. Vernon, Oregon 97865.

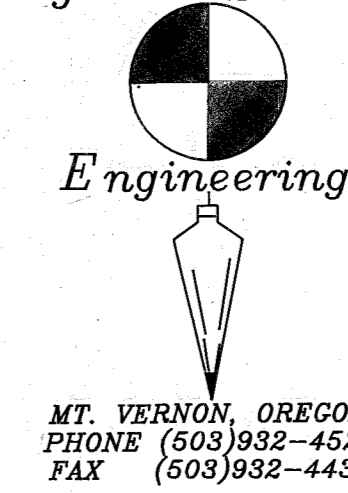
I, Douglas M. Ferguson, Registered Professional Land Surveyor, in the State of Oregon, hereby certify that this Map, notes and records hereon or reference, are a correct representation of the survey I performed during the months of April - September 1991 for the U.S. Forest Service in accordance with the Statutes of the State of Oregon and the articles of my Contract Number 53-04M3-9-03367.

DOUGLAS M. FERGUSON, PLS 848  
President, Ferguson Surveying and Engineering

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- SHEET 3 OF 4: SUBDIVISION AND DETERMINATION OF FOREST BOUNDARY IN SECTION 13
- SHEET 4 OF 4: MONUMENTATION

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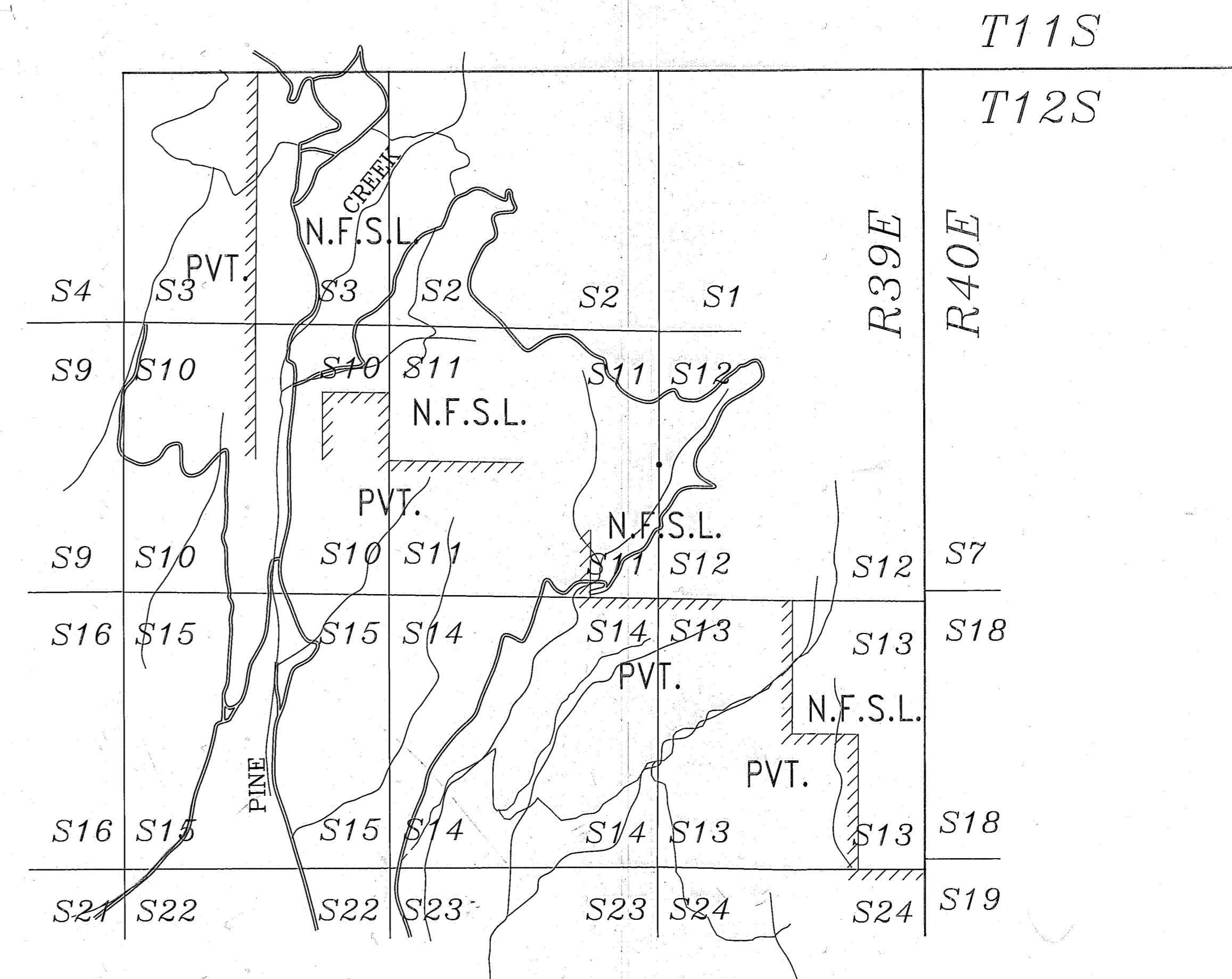
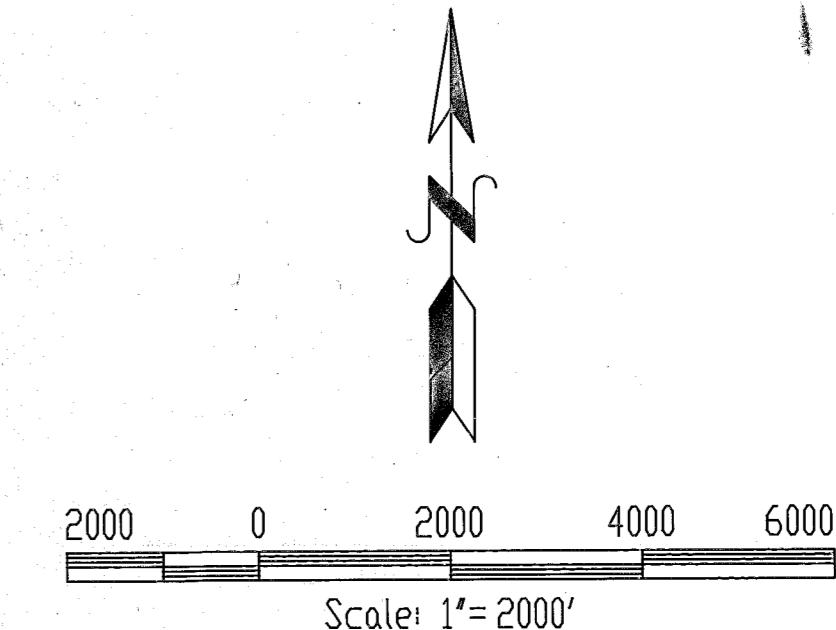
HISTORY OF SURVEYS

- 1864 - William Odell originally surveyed the east boundary of T.12S., R.39E. (Grande Rhonde Guide Meridian), under General Land Office Contract No. 105
- 1875 - Henry Meldrum originally surveyed the north boundary of T.12S., R.39E., under General Land Office Contract No. 226.
- 1881 - George Henderson resurveyed the east boundary of T.12S., R.39E. (Grande Rhonde Guide Meridian), and changed William Odell's corners to those of minimum control, under General Land Office Contract No. 409.
- 1883 - Reuben R. Leigh completed the subdivision of T.12S., R.39E., Sections 1 through 24, under General Land Office Contract No. 462.
- 1972 - Peter A. Peterson, Albert Garrison and Owen C. Chatters, II, Cadastral Surveyors for the Bureau of Land Management (BLM) re-monumented certain original corner points on the north and east boundaries of the township and certain original section subdivisional corners, under Special Instructions dated May 3, 1957, Group No. 350.
- 1986 - William L. Hanley, PLS 1639, re-monumented the 1/4 section corner S10 from original evidence. Baker County Survey No. 12-39-4.

LEGEND

- Set 2-1/2"x30" aluminum pipe with 3-1/2" aluminum cap stamped as shown in the "Monumentation" section
- ⊙ Found acceptable evidence, set monument as described above
- Found monument of record, as described in the "History" and the notes at each corner.
- ⊗ Found Line Tree of Record
- [ ] Record bearing and distance as reported by William Odell in 1864 under GLO Contract No. 105
- < > Record bearing and distance as reported by George Henderson in 1881 under GLO Contract No. 409.
- < > Record bearing and distance as reported by Ruben R. Leigh in 1882 under GLO Contract No. 462
- Exterior Section Lines
- - - Center section lines
- - - Subdivisional lines
- N.F.S.L. NATIONAL FOREST SYSTEM LANDS
- B.L.M. BUREAU OF LAND MANAGEMENT LANDS
- PVT. PRIVATE LAND
- ////// Marked forest boundary with steel posts and forest boundary signs at maximum intervals of 300 ft.
- \*\*\* Existing fence with long line showing direction
- Existing road

VICINITY MAP



REGISTERED PROFESSIONAL LAND SURVEYOR  
OREGON  
DOUGLAS M. FERGUSON  
848

FILED May 26 1992  
BAKER COUNTY SURVEYOR  
SURVEY NO. 12-39-9

EXAMINED AND ACCEPTED FOR THE U.S. FOREST SERVICE  
THIS 24<sup>th</sup> DAY OF April 1992  
SIGNATURE *Jasper M. Saul*  
C.O.R.  
I CERTIFY THAT THIS SURVEY WAS PERFORMED AT THE REQUEST OF THE WALLOWA WHITMAN NATIONAL FOREST  
SIGNATURE *D.M. Richmond* DATE 4/27/92  
FOREST SUPERVISOR