



**NARRATIVE**

This survey was performed at the request of Mr. Bill Alexander of Bill Alexander Forestry in Pendleton, Oregon. The purpose of the survey was to determine if the road right of way as identified in the 1915 road petition was an adequate description of the road's actual location. This survey does not constitute a legal determination of the right of way location. That function must be performed by Umatilla County.

During the course of this survey it was observed that the monument set for the township corner by three way proportion under survey 00-161-C did not agree with the possessory lines by approximately 80 feet. The county road survey by Bradley called for stones at several corners along this line including the township corner. Two of those stones have been found and re-monumented. Based on measurements to those positions the possessory fence lines at the township corner appeared to be correct. The BPA survey from 1940 held the intersection of the road centerline and the fence as the corner. It also appears, based on the distance to the well from survey Q-837-A, that the corner they held was near this fence location.

I excavated a portion of the road in this area with a backhoe. I found a partly decayed survey hub under the 3/4" minus surfacing in the river rock base course. I found a decayed wooden stake in the natural soil under the base course. The original corner set by Odell & Lewis was post & pits. Given the agreement with the long term possessory use and the measurements from the record surveys listed, I held the decayed stake to be the best evidence of the original corner location and set a monument accordingly.

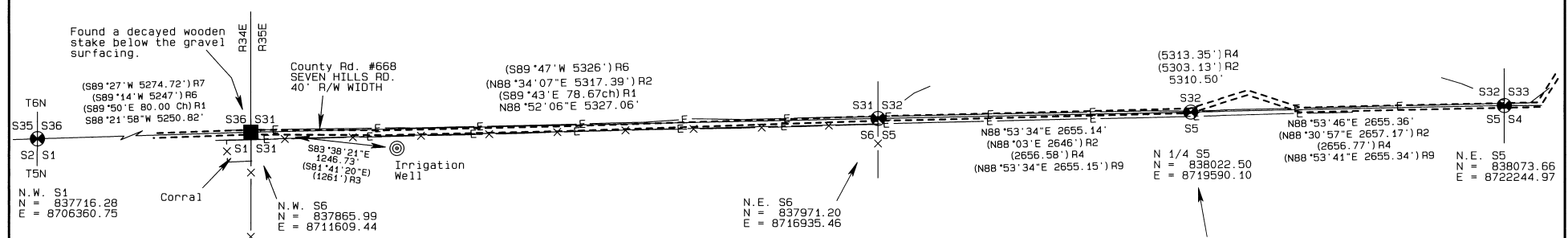
I established the coordinate for my GPS base station for this survey by ties to Tri Stations Bade and Geer. The measurements were adjusted in a least squares network. The coordinates given for corner monument positions are NAD 83 (1991) values and are only given for comparison with previously published values for these positions.

**SURVEY LEGEND**

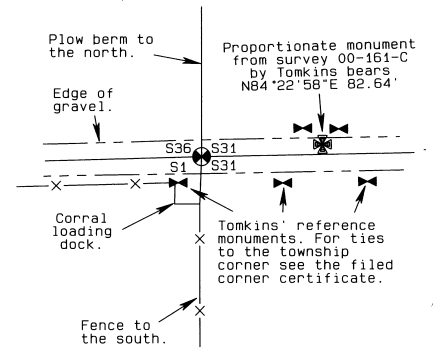
- FOUND A BRASS CAP SET UNDER TOMKINS' GEODETIC SURVEY FOR UMATILLA COUNTY
- SET A STANDARD COUNTY BRASS CAP. SEE FILED CORNER CERTIFICATE.
- IRRIGATION WELL
- 5/8" IRON REBAR REFERENCE MONUMENT
- OVERHEAD POWER LINES
- FENCE LINES
- EDGE OF PAVING OR GRAVEL
- COMPUTED ROAD RIGHT OF WAY
- UNDERGROUND POWER LINE

**SURVEY REFERENCES**

- R1 GLO CONTRACT #110 DATED FEBRUARY 7, 1865 BY ODELL & LEWIS
- R2 ROAD SURVEY OF COUNTY ROAD 773, 1915, BRADLEY
- R3 COUNTY SURVEY Q-837-A
- R4 COUNTY SURVEY I-89-AX
- R5 COUNTY SURVEY 00-161-C
- R6 BPA MILE MAPS 9610 THRU 9613
- R7 RECORD OF PRIVATE SURVEYS BOOK 1, PAGE 342, KIMBRELL
- R8 NGS DATA SHEETS RB1314, RB1315, RB0113 & RB0114.
- R9 GEODETIC SURVEY FOR UMATILLA COUNTY BY TOMKINS.



NOTE: The State Plane coordinates given are based on adjusted GPS ties to NGS Tri Stations Bade and Geer and are only given to compare with the values in the Tomkins geodetic survey for Umatilla County.



REGISTERED PROFESSIONAL LAND SURVEYOR  
*Stephen K. Haddock*  
 OREGON JULY 9, 2001  
 STEPHEN K. HADDOCK  
 56295LS  
 RENEWS 6-30-03

**BASIS OF BEARINGS**  
 Bearings shown are grid bearings based on GPS ties to Tri Stations Bade and Geer. Distances shown are grid distances.  
 Horizontal Datum: NAD 83 (1991)  
 Vertical Datum: NAVD 88

**SURVEY FOR**  
 EURUS ENERGY AMERICA, INC  
 402 W. BROADWAY, SUITE 1750  
 SAN DIEGO, CA 92101  
 T6N, R35E, S31 & S32, UMATILLA COUNTY, OR

PROJECT DATE: NOVEMBER, 2002  
 PROJECT No.: 02-31 SCALE 1" = 600'  
**WITNESS TREE SURVEYING**  
 Stephen K. Haddock, PLS  
 P.O. Box 6  
 Pilot Rock, Oregon 97868  
 (541) 443-2922

RECEIVED BY  
 Umatilla County Surveyor  
 Date: 2-03  
 Rec'd by: SK  
 No. 03-22-B