

Narrative of Survey.

The purpose of this survey was to monument the boundary of that property purchased by Umatilla County from Fran Engdahl in 1949 and recorded in Book 190, Page 206 of the Umatilla County deed records.

There is an existing right-of-way map for the area in question which shows a tie from the P.I. of the curve on the south boundary of the parcel to the point where the road centerline crosses the north-south centerline of Section 33 and an angle from the back tangent to the same north-south centerline. The P.I. of the existing road was set by intersecting the existing centerlines on both tangents. The record Δ of $11^{\circ} 05' 30''$ was turned from the P.I. and it fit the existing road well. The curve data and stationing on the deed and accompanying map do not match each other and the description did not close by approximately 3 feet.

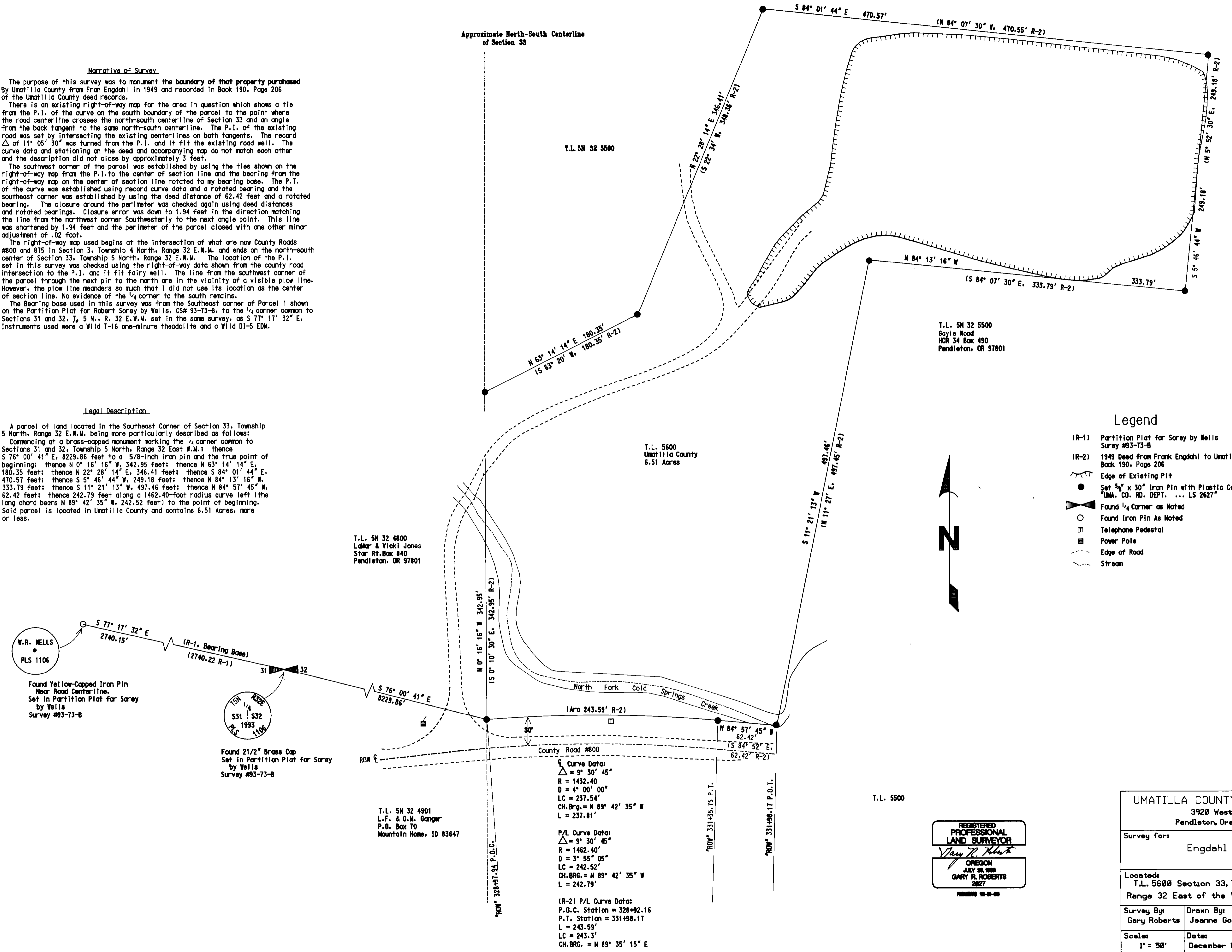
The southwest corner of the parcel was established by using the ties shown on the right-of-way map from the P.I. to the center of section line and the bearing from the right-of-way map on the center of section line rotated to my bearing base. The P.T. of the curve was established using record curve data and a rotated bearing and the southeast corner was established by using the deed distance of 62.42 feet and a rotated bearing. The closure around the perimeter was checked again using deed distances and rotated bearings. Closure error was down to 1.94 feet in the direction matching the line from the northwest corner southwesterly to the next angle point. This line was shortened by 1.94 feet and the perimeter of the parcel closed with one other minor adjustment of .02 foot.

The right-of-way map used begins at the intersection of what are now County Roads #800 and 875 in Section 3, Township 4 North, Range 32 E.W.M. and ends on the north-south center of Section 33, Township 5 North, Range 32 E.W.M. The location of the P.I. set in this survey was checked using the right-of-way data shown from the county road intersection to the P.I. and it fit fairly well. The line from the southwest corner of the parcel through the next pin to the north are in the vicinity of a visible plow line. However, the plow line meanders so much that I did not use its location as the center of section line. No evidence of the $\frac{1}{4}$ corner to the south remains.

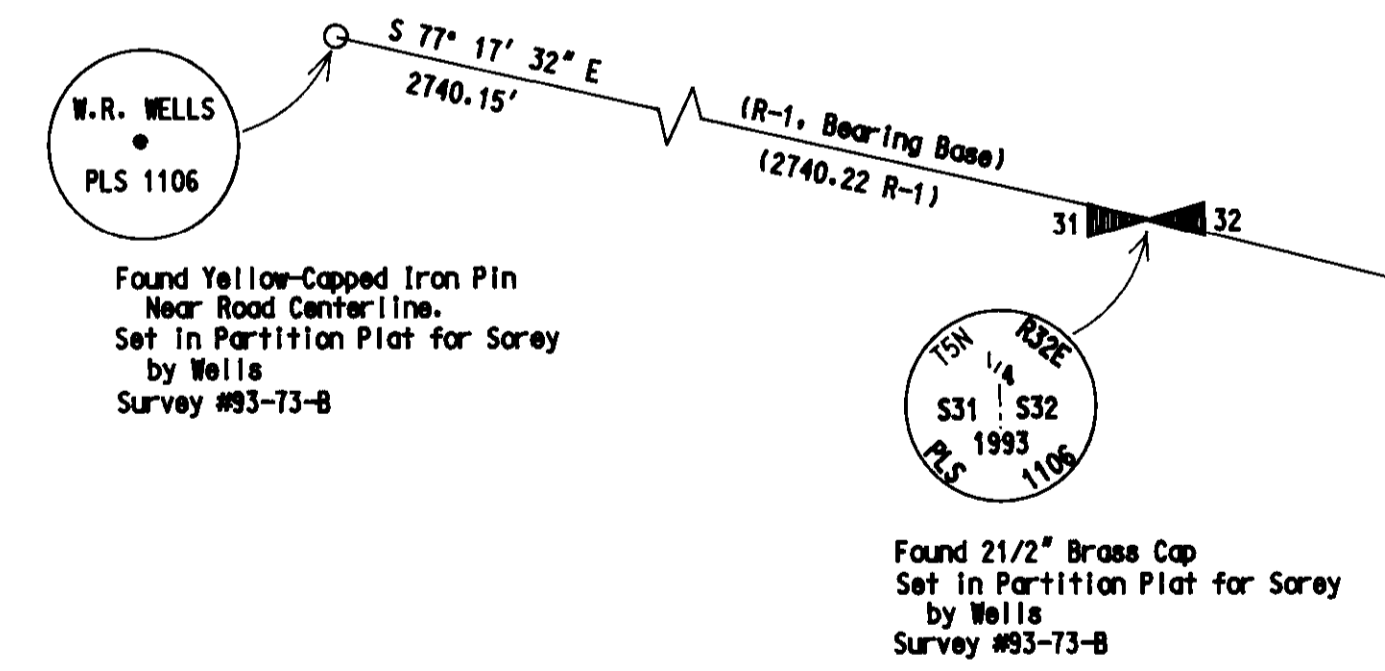
The bearing base used in this survey was from the Southeast corner of Parcel 1 shown on the Partition Plat for Robert Sorey by Wells, CS# 93-73-B, to the $\frac{1}{4}$ corner common to Sections 31 and 32, T. 5 N., R. 32 E.W.M. set in the same survey, as $S 77^{\circ} 17' 32''$ E, instruments used were a Wild T-16 one-minute theodolite and a Wild D1-5 EDM.

Legal Description.

A parcel of land located in the Southeast Corner of Section 33, Township 5 North, Range 32 E.W.M. being more particularly described as follows:
 Commencing at a brass-capped monument marking the $\frac{1}{4}$ corner common to Sections 31 and 32, Township 5 North, Range 32 East W.M.; thence $S 76^{\circ} 00' 41''$ E, 8229.86 feet to a 5/8-inch iron pin and the true point of beginning; thence $N 0^{\circ} 16' 16''$ W, 342.95 feet; thence $N 63^{\circ} 14' 14''$ E, 180.35 feet; thence $N 22^{\circ} 28' 14''$ E, 346.41 feet; thence $S 84^{\circ} 01' 44''$ E, 470.57 feet; thence $S 5^{\circ} 46' 44''$ W, 249.18 feet; thence $N 84^{\circ} 13' 16''$ W, 333.79 feet; thence $S 11^{\circ} 21' 13''$ W, 497.46 feet; thence $N 84^{\circ} 57' 45''$ W, 62.42 feet; thence 242.79 feet along a 1462.40-foot radius curve left (the long chord bears $N 89^{\circ} 42' 35''$ W, 242.52 feet) to the point of beginning. Said parcel is located in Umatilla County and contains 6.51 Acres, more or less.



- Legend**
- (R-1) Partition Plat for Sorey by Wells Survey #93-73-B
 - (R-2) 1949 Deed from Frank Engdahl to Umatilla County Book 190, Page 206
 - Edge of Existing Pit
 - Set $\frac{5}{8}$ " x 30" Iron Pin with Plastic Cap Marked U.M. CO. RD. DEPT. ... LS 2627
 - Found $\frac{1}{4}$ Corner as Noted
 - Found Iron Pin As Noted
 - Telephone Pedestal
 - Power Pole
 - Edge of Road
 - Stream



Curve Data:
 $\Delta = 9^{\circ} 30' 45''$
 $R = 1432.40'$
 $D = 4^{\circ} 00' 00''$
 $LC = 237.54'$
 $Ch. Brg. = N 89^{\circ} 42' 35''$ W
 $L = 237.81'$

P/L Curve Data:
 $\Delta = 9^{\circ} 30' 45''$
 $R = 1462.40'$
 $D = 3^{\circ} 55' 05''$
 $LC = 242.52'$
 $Ch. Brg. = N 89^{\circ} 42' 35''$ W
 $L = 242.79'$

(R-2) P/L Curve Data:
 P.O.C. Station = 328+92.16
 P.T. Station = 331+98.17
 $L = 243.59'$
 $LC = 243.3'$
 $Ch. Brg. = N 89^{\circ} 35' 15''$ E

REGISTERED
 PROFESSIONAL
 LAND SURVEYOR
 Gary R. Roberts
 OREGON
 JULY 28, 1988
 GARY R. ROBERTS
 2827
 NUMBER 18-01-00

UMATILLA COUNTY ROAD DEPT 3920 Westgate Pendleton, Oregon 97801		
Survey for: Engdahl Pit		
Located: T.L. 5600 Section 33, Township 5 North, Range 32 East of the Willamette Meridian		
Survey By: Gary Roberts	Drawn By: Jeanne Gorham	Checked By: Gary Roberts
Scale: 1" = 50'	Date: December 1995	Sheet: 1 sheet

12-95
 KK
 213-C