

BASIS OF BEARING

Solar observation taken near the East 1/4 corner of Section 20, Township 1 South, Range 39 East of the Willamette Meridian.

SCALE: 1" = 400'

LEGEND

- Found 2 1/2" brass cap marked as per Union County Monumentation records
- ⊙ Set 5/8" x 30" copperclad iron pin with 2 1/2" brass cap stamped as per Union County Monumentation records, filed separately
- () Record measurement as per Right of Way and Track map of Oregon-Washington Railroad and Navigation Company, dated June 30, 1916
- { } Record measurement as per Old Book Survey Page 130
- / / Record measurement as per Old Book Survey Page 133
- [[]] Record measurement as per Old Book Survey Page 260
- [] Record measurement as per field notes of GLO Contract Number 103, executed by David P. Thompson, dated September 3, 1863
- (()) Record measurement as per Plat of The Wilson Orchards
- - Record measurement as per Survey Number 037-2006
- +++++ Railroad Track

REFERENCE MATERIAL

- Survey Number 037-2006
- Record measurement as per Right of Way and Track map of Oregon-Washington Railroad and Navigation Company, dated June 30, 1916
- Old Book Survey Page 130
- Old Book Survey Page 133
- Old Book Survey Page 260
- Plat of The Wilson Orchards
- Field notes of GLO Contract Number 103, executed by David P. Thompson, dated September 3, 1863

NARRATIVE

This survey was done at the request of the Union County Surveyor. The purpose of this survey is to replace the corner common to Sections 16, 17, 20, and 21 in Township 1 South, Range 39 East, WM by retracement of the railroad track. This corner was originally set by GLO surveyor David P. Thompson in 1863. A retracement by Old Book Survey 130 found no trace of the monument and positions it at proportionate distance between the corner of Sections 19, 20, 29 and 30 and the quarter corner common to Sections 15 and 22. It makes no mention of the type of monument reset and only makes mention of setting a temporary corner. Subsequent Old Book Survey, on Page 133, does make mention of using this corner but does not describe the type of monument.

Old Book Survey Page 260 makes ties from the railroad track to this corner as does right of Way and track map of Oregon-Washington Railroad and Navigation Company, dated June 30, 1916, which use the same distances. The methodology of placing the corner by retracement of the railroad track was used in Survey Number 037-2006. I employ the same method using the stationing as per Survey 037-2006 and establishing the section corner position by distance-distance intersection from the stations as per the 1916 railroad map. Stationing was held on the point of curvature of the railroad curve immediately South of the corner and the delta angle adjusted to coincide with the bearings of the tangents on either end of the curve.

A diligent search of the area reveals there to be no remaining tract of the original monument as it falls in an agricultural area. I reset it at the calculated position. I find the distances to adjacent corners to be harmonious with record measurements.

I find no other unusual conditions with this survey.



UNION COUNTY SURVEYOR	
Date Received	3/23/17
Date Filed	3/23/17
By	<i>J. S. H.</i>
File No.	007-2017

BAGETT, GRIFFITH & BLACKMAN 2006 Adams Avenue, LaGrande, Oregon Map of Survey	
Remonumentation of the corner common to Sections 16, 17, 20 and 21 in Township 1 South, Range 39 East of the Willamette Meridian	
UNION COUNTY, OREGON	
SURVEYED FOR	Union County Surveyor
SURVEYED BY	J. S. H.
Scale: 1" = 400'	Drawn by: J. S. H. Mar. 2017

SURVEY NUMBER 007-2017