

NARRATIVE OF SURVEY

LOCATION:

Section line between Sections 30 and 31, Township 25 South, Range 7 West, Willamette Meridian, Douglas County, Oregon.

PURPOSE:

This survey was performed at the request of Ben J. Amerson, a landowner adjoining this survey line, to either confirm a monument established by Boyer in 1953 (See C.S. 41/162 and Renewal #38) as an acceptable location for the 1/4 corner of Sections 30 and 31, or to establish a new location for this 1/4 corner based on our survey. The East 1/16 corner of Sections 30 and 31 will also be established.

REFERENCES: (All references are located in the office of the Douglas County Surveyor.)

Original G.L.O. survey by W.H. Byars in 1874.

C.S. file 41/162 and Renewal corner #38 by Boyer in 1953.

C.S. file 60/29 and Renewal corners #119 and #120 by the Douglas County Surveyor's office in 1979.

DISCUSSION:

The area around the 1/4 corner of Sections 30 and 31 has been partially logged and burnt at least 40 years ago. A stand of virgin timber exists to the Southeast of the 1/4 corner.

Evaluation of Boyer's record of survey (Ren. #38 and C.S. 41/162) reveals several discrepancies with the original G.L.O. survey, primarily in bearings and distances to the original bearing trees. We performed a careful search in the area of Boyer's survey position and can find no trace of the original bearing trees.

We therefore proceed to determine the proper single proportionate survey location for the 1/4 corner of Sections 30 and 31.

PROCEDURE:

We initially visit the Northeast and Northwest section corners of Section 31 to evaluate their conformance to the various survey records and find both corner to be satisfactory.

A closed traverse was ran along the western 3/4 of this section line. A double hub travers line was extended East to the section corner. Redundant measurements of horizontal and zenith angles were taken with a Kern DKM2-AE one-second theodolite (Serial #161938). Distances were measured electronically with a Hewlett-Packard Distance Meter (Serial #1954), with short ties measured by steel tape. Standard computational procedures were used to determine the horizontal equivalents of the measured distances. Basis of bearing was determined by solar observation.

Survey ties were made to the two creeks called for in the original survey notes located East of the 1/4 corner.

The survey location of the 1/4 corner was determined by single proportionate measurement between the Northeast and Northwest section corners of Section 31. Another search for evidence of the original survey was made and no evidence was found. From our survey location, the monument established by Boyer bears N 72° 52' 17" W 105.97 feet. The distance between the creeks on our survey location for the section line and the distance from the Westerly creek to the 1/4 corner agree closely with our proportioned survey location for the 1/4 corner.

RESULTS:

We monument our proportioned position as the proper location for the 1/4 corner of Sections 30 and 31, Township 25 South, Range 7 West, Willamette Meridian, Douglas County, Oregon.

We monument the East 1/16 corner of Section 30 and 31 at a point on line and equidistant between the newly proportioned 1/4 corner and the section corner common to sections 29, 30, 31 and 32.

Both corners are marked and witnessed as described in Renewed Corners #119 and #120.

REMARKS:

This survey was performed by the following people during May, 1979:

Field:

- Gary L. Langlitz
- Larry E. Monrean
- Karen Reed
- Peter L. Earle
- Stephen J. Flause
- Frank C. Silagy

Office:

- Francis L. "Fritz" Ingram, Douglas County Surveyor
- Gregory E. Quibell

Submitted:

Francis L. Ingram
 Francis L. "Fritz" Ingram
 Douglas County Surveyor
 June 18, 1979