

**Survey Narrative to Comply with  
Oregon Revised Statutes, Paragraph 209.250**

FILED

Date: 4-10-2007 By: JC

This survey consists of:

Map: M152-65

Narrative: CS 65/61-SA-E

Corner Rpt: \_\_\_\_\_

**SURVEYED FOR:** Roger Hardage, et al  
2456 N Myrtle Road  
Myrtle Creek, OR 97457

**SURVEYED BY:** STEPHAN L. BAROTT  
3040 Biddle Road  
Medford, Oregon 97504

**DOUGLAS COUNTY  
SURVEYOR**

**LOCATION:** Township 32 South, Range 3 West, SW1/4 Section 1 and NW1/4 Section 12, Willamette Meridian, Douglas County, Oregon. This is a portion of Douglas County Tax Records 32-03W-12-TL 00600, 00700 and 00800.

**BASIS OF BEARING:** GPS BEARING ROTATED TO SURVEY M44-62 (north line of section 12).

**PURPOSE:** The purpose of this survey is to mark and post the National Forest Boundary adjacent to the Hardage property. In addition to marking the Umpqua National Forest boundary, a cooperative agreement was signed by Roger Hardage requesting the Forest Service monument the other corners of tax lots 700 and 800 that are adjacent to other private property. The U.S. Forest Service agreed to establish the additional corners of the Hardage property and record this Map of Survey for Mr. Hardage. As a current Forest Service employee and registered land surveyor in the State of Oregon, I completed this survey as per my instructions from the Forest Supervisor for Umpqua National Forest and Roger Hardage. This survey was made by me, or under my direct supervision.

**HISTORY OF SURVEYS:** History of Surveys was compiled by Leonard Herzstein, Forest Land Surveyor for the Umpqua National Forest (refer to C.S. 63/166) is as follows:

**History of Surveys, Section 12**

In 1871, W. H. Byars, Deputy Land Surveyor, surveyed a portion of T. 32 S., R. 3 W., W.M.

In 1894, Wm. M. Bushey, Deputy Land Surveyor, surveyed the remainder of the North boundary of T. 32 S., R. 3 W., W.M.

In 1902, Charles L. Campbell, Deputy Land Surveyor, surveyed the East boundary of T. 32 S., R. 3 W., W.M. and the subdivisional lines of T. 32 S., R. 2 W., W.M.

In 1904-1908, Fred Mensch, U. S. Surveyor, retraced a portion of the North and East boundaries, retraced a portion of the subdivisional lines, and surveyed a portion of the subdivisional lines of T. 32 S., R. 3 W., W.M.

**Survey Narrative to Comply with  
Oregon Revised Statutes, Paragraph 209.250**

In 1972, Don E. Garrett, Registered Land Surveyor No. 544, retraced a portion of the East boundary of the township and retraced the exterior and subdivided Section 12, T. 32 S., R. 3 W., W.M., filed in Douglas County as Survey No. M44-62. **This survey is the basis of control for this current survey of the Hardage property.**

In 1979, William S. Barnes, Registered Professional Engineer No. 2128, surveyed a right-of-way in Lots 2, 7, and 8 and a partition in Lots 8 and 9, Section 12, T. 32 S., R. 3 W., W.M., filed in Douglas County as Survey No. M65-22.

In 1978, William J. Ruppert, Registered Land Surveyor No. 866, surveyed a portion of the County Road No. 36 right-of-way and a portion of Lot 2, Section 12, T. 32 S., R. 3 W., W.M., filed in Douglas County as Survey No. M72-35.

In 1979, William J. Ruppert, Registered Land Surveyor No. 866, surveyed a portion of the County Road No. 36 right-of-way and parcels in Lots 2, 7, and 8, Section 12, T. 32 S., R. 3 W., W.M., filed in Douglas County as Survey No. M70-79.

In 1980, Malcolm N. Clark, Registered Land Surveyor No. 601, retraced a portion of the exterior of Section 2, T. 32 S., R. 3 W., W.M., filed in Douglas County as Survey No. M83-53 and C.S. File No. 58/227-3. **The West line of Section 1 established by Clark (corners numbered 1 and 5) is the basis of control for the parallel lines described in the deed records for this current survey in Section 1.**

In 1982, William J. Ruppert, Registered Land Surveyor No. 866, surveyed a partition in Lots 2 and 7, Section 12, T. 32 S., R. 3 W., W.M., filed in Douglas County as Survey No. M92-26A and M92-26B.

In 1988, Maurice E. Farr, Registered Land Surveyor No. 1181, remonumented the SW corner of Lot 1, Section 12, T. 32 S., R. 3 W., W.M., filed in Douglas County as C.S. File No. 63/73-4.

In 1990, William J. Ruppert, Registered Land Surveyor No. 866, surveyed a partition in Lots 2 and 7, Section 12, T. 32 S., R. 3 W., W.M., filed in Douglas County as Survey No. M109-75 and C.S. File No. 63/81-4.

Refer to Leonard Herzstein's report documented in C.S. 63/166 for additional history. The report documents that procedural errors were made in the establishment of several corners in section 12. However, the report concludes that the existing corners as set in section 12 will remain as is. The survey by Garrett has been in existence 30 years, before the corner positions were questioned by the Forest Service. This survey has been used by private landowners and the Forest Service to harvest timber, to create property subdivisions and rights-of ways, and to develop homes and land. If the corners are moved to conform to the standard method of proportioning corners of minimum control, the boundary changes may be significant in relation to existing fences, pastures, gardens, roads, and property lines.

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**PROCEDURE:** Prior to commencement of this survey an investigation of all controlling corner points was conducted. Utilizing this corner control, I performed a closed traverse survey around this portion of section 12 and a portion of section 1 in a clockwise direction. This survey was performed using a Leica TCRA 1103 electronic total station and Trimble R8 GPS receivers. National Forest property lines were posted utilizing six foot aluminum posts with National Forest Boundary signs attached. Trees along the National Forest boundary were blazed and painted with red tree marking paint.

The right-of-way for Cow Creek Road No. 36 was determined after a review of the following:

Commissioners of Douglas County Road Record "Cow Creek Road-J.W. Thomas" petition dated August 28, 1909, data from George Grubb survey in 1958, other County records, and the existing centerline of Cow Creek Road. No permanent right-of-way monuments were found.

**MONUMENTS ACCEPTED FOR CONTROL:** Refer to Map of Survey for corner reference numbers:

**1. The section corner common to section 1-2-11-12 (GCDB 600600)**

At the corner point, I found a 1 ½-inch diameter iron pipe with a 3-inch diameter brass cap monument marked as shown on plat, protruding 14-inches above ground.

From which the following accessories:

A 25-inch diameter Hemlock bears S. 01°31'19"E., 91.3 feet distance, with a healed double blaze.

An 18-inch diameter Knobcone Pine fir bears N.12°45'43"E., 549.7 feet distance, with fragmentary scribing visible on a partially healed blaze . [record 555.0 ft]

A 42-inch diameter fir bears N.86°35'19"W., 204.5 feet distance, with a healed double blaze.

A 27-inch diameter fir bears S.03°25'26"E., 250.5 feet distance, with a partially healed blaze.

GPS Point DF-1 bears N. 32°44'06"E., 508.40 feet distance.

Corner lies on a gentle south slope and in a fence line, 500 feet south of Cow Creek Road No. 36. National Forest property boundary marked West and South from corner.

**2. The north one-sixteenth corner for sections 11 and 12. (GCDB 600560)**

**Survey Narrative to Comply with  
Oregon Revised Statutes, Paragraph 209.250**

At the corner point, I found a 2 ½-inch iron post with a 3 ½-inch diameter brass cap marked as shown on the plat, protruding 6-inches above ground.

From which the following accessories:

A 16-inch diameter hemlock bears S.87°50'44"W., 8.9 feet distance, with a healed blaze.

A 15-inch diameter fir bears N.87°28'34"E, 23.2 feet distance, with a healed blaze.

Corner lies on a north slope, 1,000 feet south of Cow Creek. National Forest property boundary marked North and East from corner.

**3. The center-north one-sixteenth corner section 12. (GCDB 640560)**

At the corner point, I found a 2 ½-inch iron post with a 3 ½-inch diameter brass cap marked as shown on the plat, protruding 4-inches above ground.

From which the following accessories:

A 12-inch diameter hemlock bears N.65°11'22" E., 50.1 feet distance, with a partially healed blaze. {record N.64° E., 51.4 ft.}

A 12-inch diameter hemlock N.77°55'08"W., 23.4 feet distance, with a healed blaze. {record N.74° W., 24.5 ft.}

Corner lies on a north slope on the west edge of a 30-inch diameter stump, and 972 feet south of Cow Creek. National Forest property boundary marked North and West from corner.

**4. The One-Quarter Corner for Sections 1 and 12 (GCDB 640600)**

At the corner point, I found a 1 ½-inch diameter iron pipe with a 3-inch diameter brass cap monument marked as shown on plat, protruding 12-inches above ground, in a mound of stone.

From which the following accessories:

A 26-inch diameter fir bears N.84°58'04"E., 42.8 feet distance, with healed double blaze.

A 19-inch diameter fir bears S.54°28'05"E., 93.6 feet distance, with healed double blaze.

GPS Point DF-2 bears N.64°57'55"W., 412.33 feet.

Corner lies 41 feet south of Cow Creek Road No. 36.

**5. The south one-sixteenth corner for section 1 only. (GCDB 600620)**

**Survey Narrative to Comply with  
Oregon Revised Statutes, Paragraph 209.250**

At the corner point, I found a 2 ½-inch aluminum post with a 3-inch diameter aluminum cap marked as shown on the plat, flush with the ground.

From which the following accessories:

A 9-inch diameter Knobcone pine bears N.89°21'37" E., 90.2 feet distance, with scribe marks T32SR2WS6S1BT visible on and open blaze. This tree is now dead.

A 14-inch diameter fir bears N.16°32'06"E., 19.0 feet distance, with healed double blaze.

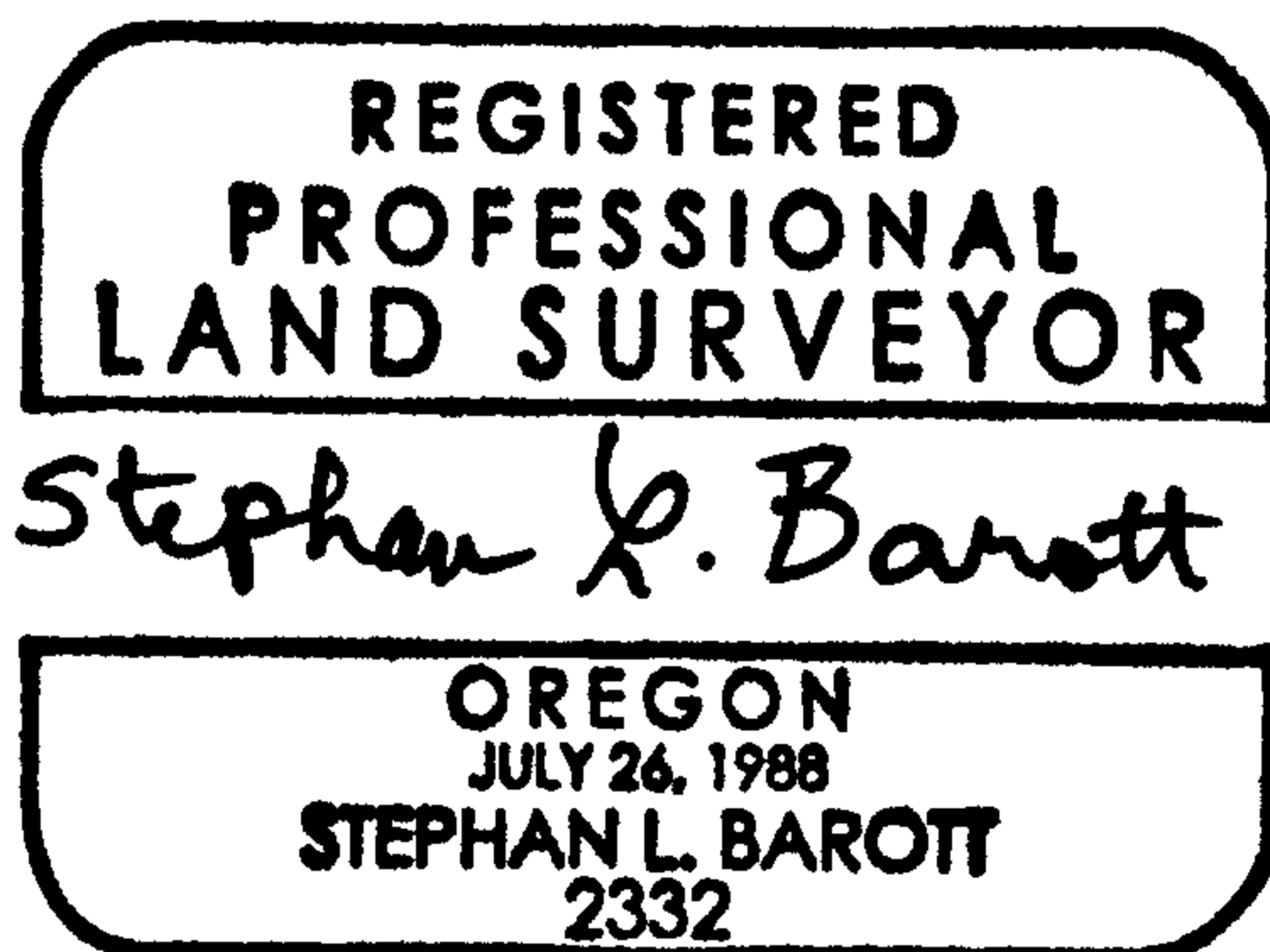
I mark the following new accessory:

A 7-inch diameter fir bears N.73°07'05"E., 16.2 feet distance, scribed X BT. Brass washer stamped LS2332 attached.

Corner lies on a south slope, 810 feet north of Cow Creek Road No. 36.

**Corners 6-11 set as shown on plat.**

**DATE OF SURVEY: February 28, 2007.**



*My certificate expires December 31, 2007*