

CERTIFIED RECORD OF LAND CORNER MONUMENTATION

**History of original corner establishment:** corner for sections 16, 17, 20, and 21, T. 32 S., R. 1 W., W. M.

Rufus S. Moore, U.S. Deputy Surveyor, in 1883, established the section corner for sections 16, 17, 20, and 21, T. 32 S., R. 1 W.

Hans W. Thielsen, BLM Cartographer, in 1955, performed a dependent resurvey in T. 32 S., R. 1 W. and did not find evidence of the section corner.

Burton W. Holt, L.S. 418, reestablished this corner in 1974 by double proportioning (Survey #5771, Jackson County and M49-71, Douglas County). His control was the section corners of sections 15, 16, 21, and 22, sections 17, 18, 19, and 20, and sections 20, 21, 28, and 29, and the one-quarter corner of sections 17 and 16.

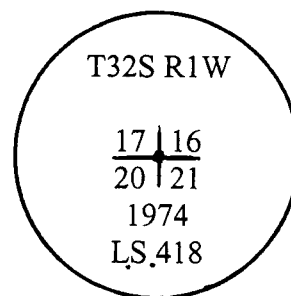
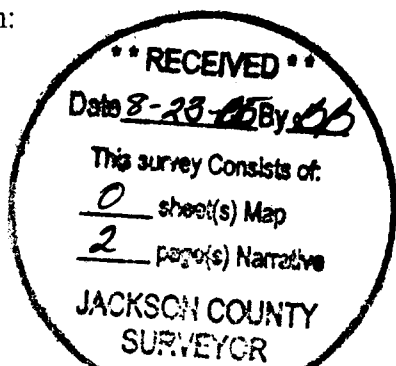
Burton W. Holt, L.S. 418, corrected his 1974 reestablishment in 1979 (Survey #7885, Jackson County and M70-72, Douglas County). His 1974 survey had measurement errors. He reset a brass cap and marked new BTs: an 8" D. Fir bears N.19°E., 9.9 ft., scribed "T32S R1W S16 BT", a 6" W. Fir bears S.53°E., 30.9 ft., scribed "T32S R1W S21 BT", a 15" D. Fir bears S.72°W., 44.0 ft., scribed "T32S R1W S20 BT", and a 7" Cedar bears N.79°W., 38.4 ft., scribed "S17 BT".

Mark F. Smalley, L.S. 2354, renewed this corner in 2002 (C.S. File No. 65/44-19, Douglas County). He marked new BTs: a 13" Fir, N.69°E., 19.6 ft., scribed "S16 BT", a 15" Fir, S.30°E., 10.7 ft., scribed "S21 BT", a 2-1/2" Fir S.16°W., not scribed – tag only, and a 6" Fir N.10°W., 20.1 ft., scribed "S17 BT".

The Jackson County Surveyor's Office recovered the original one-quarter corner of sections 20 and 21, in 1984 (Jackson County first re-establishment). This original corner is closer to the section corner than the double proportioning control used by Holt in 1979. Ken W. Hoffine, L.S. 2291, received an opinion from BLM in 1998, that if the 1979 proportioned corner position was within a few feet of a re-proportioning of the corner, BLM would accept the 1979 position (C.S. File No. 63/166 [T32S, R1W], Douglas County). Surveyor Hoffine found the 1979 monument to be 3.6 feet from a re-proportioned position based on the original one-quarter corner of sections 20 and 21 and he accepted the 1979 monument. I therefore accept Holt's 1979 section corner monument as the location for the section corner.

**Description of corner evidence found:** August 8, 2005

I found a 3 inch diameter iron pipe, firmly set, projecting 6 inches above ground, with a 3 inch diameter brass cap attached, marked as shown:



From which the following bearing trees marked by Holt in 1979:

- a 10" Douglas fir snag, bears N. 12° E., 9.9 feet (rec. N.19°E.), with a healed blaze.
- a roothole bears S. 72° W., 44.0 feet, with 16" Douglas fir alongside with no marks visible.
- an 8" incense cedar snag, bears N. 84° W., 38.4 feet (rec. N. 79° W.), with scribe marks "S17 BT" visible on a partially healed blaze.

And from which the following bearing trees marked by Smalley in 2002:

- a 16" Douglas fir cut stump, bears N. 64-1/2° E., 19.6 feet (rec. N.69°E.), with no marks visible.
- a 14" white fir, bears S. 33° E., 10.7 feet (rec. S. 30° E.), with scribe marks "S21 BT" and a 3/4" diameter brass washer, stamped "LS 2354", visible on a partially healed single blaze.
- a 4" Douglas fir, bears S. 12° W., 14.9 feet (rec. S. 16° W.), with Roseburg Resources tag.
- an 8" Douglas fir, bears N. 10° W., 20.1 feet, with scribe marks "S17 BT" and a 3/4" diameter brass washer, stamped "LS 2354", visible on a partially healed single blaze.

**Description of monument and accessories I established to perpetuate the original location of this corner:**

August 8, 2005

I add a mound of stone. The monument is now projecting 4 inches above a 2 foot diameter mound of stone.

I added new accessories to perpetuate the corner:

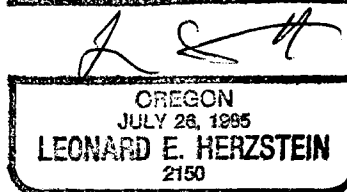
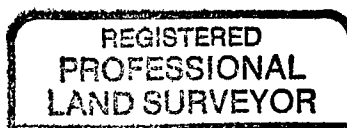
- a found steel fence post projecting 4 feet above ground, bears N. 2-3/4° E., 3.1 feet, with Forest Service signs #54-4 "Attention" and #54-2 "Property Boundary" signs attached.
- an 11" incense cedar, bears S. 70-1/4° W., 71.7 feet, with scribed "T32S R1W S20 BT" and a 3/4" diameter brass washer, stamped "LS 2150", nailed flush to a single blaze.

No trees are available in a recent clear cut in section 16. With a 1-second total station, I traversed the section line to the one-quarter corner of sections 17 and 20 and I used the platted bearing of S. 85° 34' 19" E. (M70-72 / #7885) as my basis of bearings. Bearings for this renewal are rounded to the nearest 15 minutes. With a staff compass at the corner point, I determined the magnetic declination to be 17° East. Trees are measured to the center of the root crown. Tree diameters are at breast height.

Witnesses: Roger Paskvan  
Joseph Anderson

My certificate expires June 30, 2007

Leonard E. Herzstein, L.S. 2150  
Umpqua National Forest  
2900 NW Stewart Parkway  
Roseburg, OR 97470



Aug. 17, 2005