



United States
Department of
Agriculture

Forest
Service

Umpqua
National
Forest

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File Code: 7150

FILED

Date: January 4, 2006

Date: 1-4-2006 By: JC

Transmitted to:
M...
Re: CS 65/57-1A & B
Corner...

Romey Ware
Douglas County Surveyor
Douglas County Courthouse - Room 105a
Roseburg, OR 97470

DOUGLAS COUNTY
SURVEYOR

Dear Romey

I have found an error in the 1971 re-establishment of the one-quarter corner of sections 11 and 14, T. 32 S., R. 3 W., Willamette Meridian (Douglas County survey M43-53). However, because of the minor nature of the problem, the Forest Service and the Silver Butte Timber Company are in agreement to accept the 1971 monumented one-quarter corner position.

In 1971, the U.S.D.A, Forest Service, contracted with Don E. Garrett, Oregon Registered Land Surveyor No. 544, to subdivide section 14, T. 32 S., R. 3 W., W.M. (M43-53). The NW1/4 of the section is privately owned (Silver Butte Timber Company) and is surrounded by National Forest System land. During his survey, surveyor Garrett re-established the lost one-quarter corner of sections 11 and 14 by single proportion on a straight line using distances returned on the G.L.O. 1913 township extension plat. The 1913 survey retraced the original G.L.O. 1871 survey and reported new bearings and distances on the north line of section 14.

The 1973 B.L.M. "Manual of Surveying Instructions" sets forth the proper method for re-establishing a corner on a broken boundary as the irregular boundary adjustment method (sec. 5-36). There is a difference of 3.16 feet between surveyor Garrett's one-quarter corner and a calculated position using the irregular boundary adjustment. The move to the calculated position is due north of Garrett's corner, in the favor of the private parcel. The affect on the 1971 Center one-quarter corner position is less than one-tenth of a foot. It was not determined what guidance the 1947 B.L.M. "Manual of Surveying Instructions" had on this situation. However, the B.L.M. "1963 Restoration of Lost or Obliterated Corners and Subdivision of Sections...a Guide for Surveyors" describes the irregular boundary adjustment as the proper method (page 20).

Though the one-quarter corner was re-established improperly, I accept the 1971 proportioned position, because

- Surveyor Garrett's corner is within a few feet of the mathematical re-position. The expected positional tolerances of a 1971 transit and tape survey are 1:1000 (± 5 feet), which is a greater error than Garrett's use of the improper method of re-establishment.

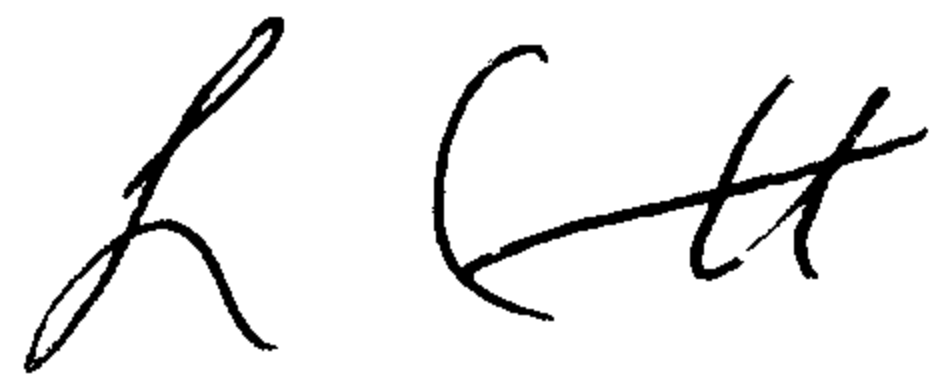


- The re-position may not be any closer to the actual original corner than Garrett's 1971 corner.
- Surveyor Garrett's survey has been accepted and uncontested for 34 years. Landowners on both sides of the boundary have managed their properties to Garrett's corner.

Lew Howe, the Timber Lands Manager of the Silver Butte Timber Company, the affected private landowner, is in agreement with not altering the 1971 survey.

Please feel free to contact me at 541-957-3420 if you need more information.

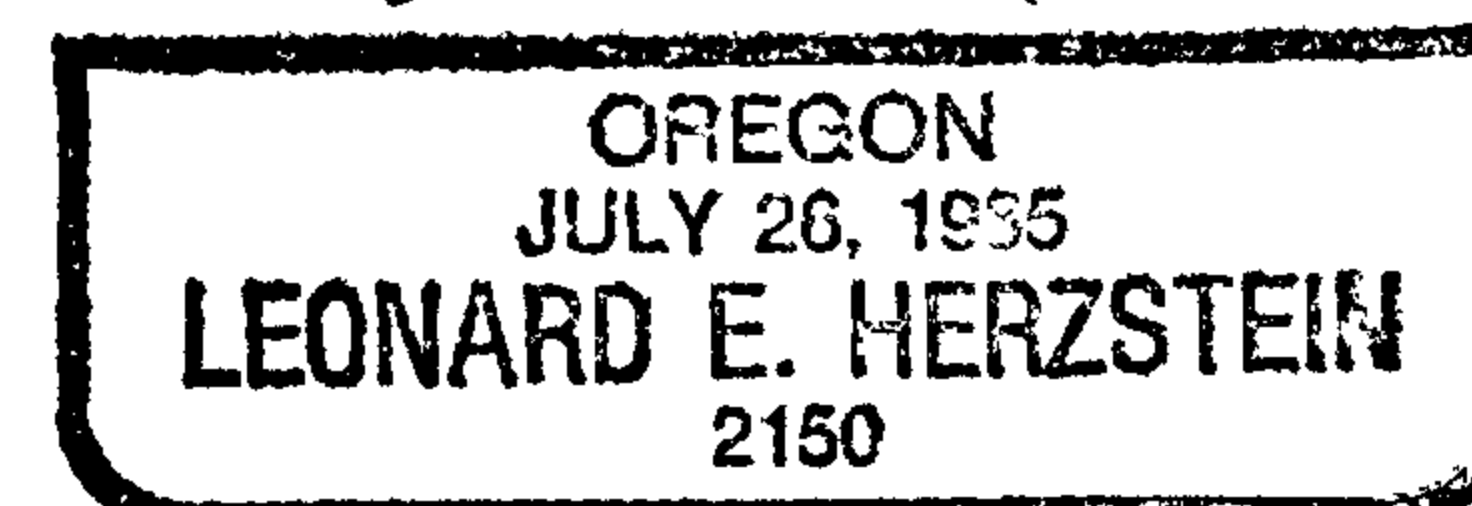
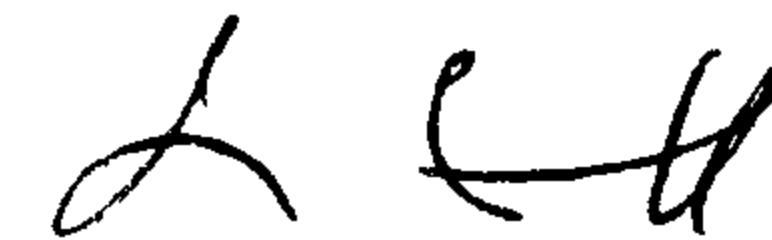
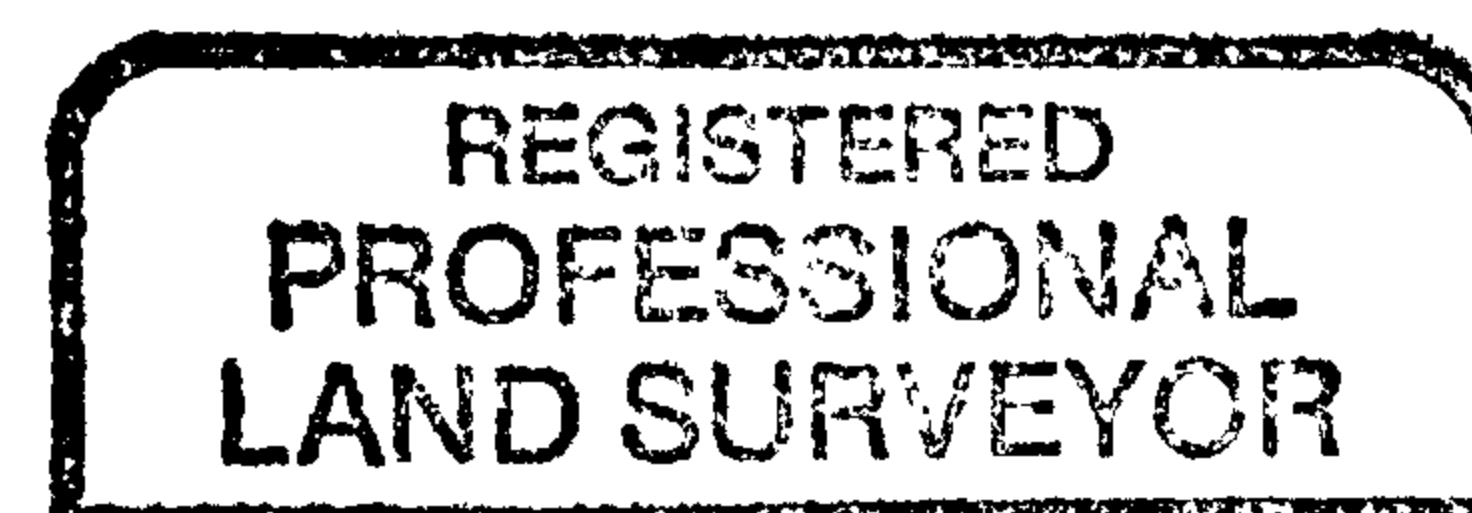
Sincerely,



LEONARD E. HERZSTEIN
Forest Land Surveyor

cc: Lew Howe, Timber Lands Manager, Silver Butte Timber Co., P.O.Box 4, Riddle, OR 97469,
Roshanna Stone

MY CURRENT CERTIFICATE
EXPIRES 06-30-07



01-04-06

C.S. File No 65/57-1B