



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

State Office
710 N. E. Holladay
Portland, Oregon 97232

IN REPLY REFER TO:
9180 (100.4b)

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B.L.M. LETTER

June 12, 1964

W. A. Markham
Registered Engineer
Arch Cape, Oregon 97102

Dear Mr. Markham:

The method described in your letter of June 11, 1964, as to how the 1/4 section corner of Sections 35 and 36, T. 5 S., R. 11 W., would be re-established is in general accordance with the Manual of Surveying Instructions, 1947.

There are some things which should be considered when it becomes necessary to use one-point control. These are index errors in William P. Wright's work. If his other lines in the township are constantly long or short, a factor might be applied to the length based on this. Similarly, if he constantly bears to the right or left, a factor might be applied. This is especially important if the distance from the corner of Sections 25, 26, 35, and 36 to the standard corner were greatly at variance from a normal mile, since both Section 35 and Section 36 are platted on the basis of an 80 chain mile. The Hebo quadrangle map of 1955 does not appear to show much distortion, but we have found Wright sometimes chained a little short and ran a little to the left.

Where no public lands are involved, methods of survey are governed by the laws of the State. The opinion expressed herein is merely an interpretation of the official record. It should not be construed as instructions to you.

Sincerely yours,

Thomas A. Tillman

Thomas A. Tillman
Chief, Branch of Cadastral
Engineers

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