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COUNTY SURVEYOR'S RECORD, DOUGLAS COUNTY, OREGON 273

BUSHONG & CO. PORTLAND, ORE. 87545

Survey No. V3 63 Made on Feb. 5th to 8th 1927 In Town. 30 S Range 4 W Sec. 7 Made for Huron Clough and J. L. Worthington Purpose of Establishing the West 1/16 th line of Section 7	Survey No. _____ Made on _____ In Town. _____ Range _____ Sec. _____ Made for _____ Purpose of _____
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F.N. LL"

I began this survey at the 1/4 Section corner common to Sections 6 and 7 T 30 S R 4 W M. I identify this corner by two witness trees standing as shown in the government field notes except the fir the bearing of which is given below. These bearing trees are as follows :

A 20" fir marked 1/4 S B T N 29° W 17 lks. the bearing given in the government notes for this tree is N 15° W
 A 10" black oak marked 1/4 S B T S 15 ° W 80 lks.

I renewed this corner by driving a 1/2" x 1" x 24" iron bar 22" in the ground and a 3"x3"x36" white oak post 18" in the ground. I marked a ~~new~~ Fir 18" dia. S 6° W 21 ft. 1/2 S 7 CS BT for a new Bearing tree. The black oak is badly rotted.

Thence I run a random traverse to the Section corner common to sections 6 and 7 of T 30 S R 4 W and sections 1 and 12 of T 30 S R 5 W. By computation I find the line between these corners to be 2758.1 ft. with a bearing of S 88° 17' W. with an assumed magnetic variation of 21° East. On account of weather conditions it was impossible to take a solar observation for true meridian. I correct the line back by offsets from the random traverse .

The above mentioned section corner was identified by four original bearing trees ~~xxx~~ as ~~xxxxxxx~~ recorded in the r government field notes except the fir which was S 22° E instead of S 37° E. I replaced this corner by a 1/2"x2"x20" iron bar.

By the method of proportional measurements and in accordance with the method as specified by the regulations of the U. S. Land office I set the 1/16th as follows:

$$\frac{\text{Length of line by survey of 1889}}{20 \text{ chains}} \text{ as } \frac{2758.1}{x}$$

In this case the distance from the 1/4 section corner to the 1/16 is 1301.0 ft.

I set 1"x48" iron bar for the 1/16 corner and a white oak post marked 1/16 S CS from which

a 30" fir marked 1/16 S CS BT bears S 24 1/2° E 46.2 ft and
 a 34" " " " " " " N 11 1/4° E 33.2 ft.

I then assumed the true bearing of the abscetion to be the same as called for in the government field notes or N 89° 30' W. The compass needle is ~~xxx~~ very in accurate due to local attraction. After doing this I find the variation to still be 21° East.

Thence I run a random traverse to the N. exterior L corner of the Jacob Slippey DLC # 39. The location of this corner is such that it is on the west 1/16 section line of section 7.

I identify the DLC corner by a 14" black oak bearing tree which I chop out and find it to be properly marked. From theis BT I renew the DLC corner by Driving a 1"x36" iron bar in the ground 30 inches and setting a white pok post marked DLC 37 from which a 7" black oak bears S 61° E 72.5 ft. marked DLC 37 CS.

I compute the line from the above mentioned 1/16th corner to the donation land corner to be S 1° 42' W 4781.6 ft. and correct the line back by offsets to give the true line

The methods and procedure of doing this work was carefully explained to both Mr. Clough and Mr. Worthington and they both expressed themselves as satisfied with the work.

Ben. B. Irving instrument
 L. H. Smick head chain
 Huron Clough rear Chain
 J. L. Worthington axe.

All angles were doubled, distances were measured with a 300' tape on the slope and the horizontal distances computed. A Buff Transit was used.

Field notes and computations filed in envelope #

c.s.
Vault # **3-63**