

COUNTY SURVEYOR'S RECORD, DOUGLAS COUNTY, OREGON

12

BUSHONG & CO. PORTLAND, ORE. 87545

Survey No. 9 , Made on Sept and Oct 1931 In Town. 22 S Range 13 W Sec. 13 Made for U.S. Bureau of Lighthouses 17th Dist Purpose of To establish boundaries of Umpqua River Light House Reserve. <i>Map in D. 58</i> <i>Loose leaf.</i> <i>V18 F 20 (A+B) SEE M. 1-74</i>	Survey No. _____ Made on _____ In Town. _____ Range _____ Sec. _____ Made for _____ Purpose of _____
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The following lines were run with a Gurley Light Mountain Transit and the chaining was done with a 500 link steel tape, all bearings are true bearings taken from a direct solar observation, all angles are deflection angles turned and checked chaining was carefully done on slope measurements, where necessary, and the vertical angles for slope measurements were read to minutes from the vertical vernier on the transit.

FIELD NOTES FOR LIGHT HOUSE SURVEY

After a diligent search for the quarter section corner and for the Meander corner on the line between sections 12 and 13, which I was unable to find, I went to the North East corner of section 13 or the corner common to sections 12 and 13 in T.22S;R.13 W. and 7 and 18 in T.22 S;R.12 W. W.M., which I found and identified from the four old or original bearing trees; thence from this corner I ran west by needle and at 40 chains I made a diligent search for the quarter corner between sections 12 and 13 but could not find any indication of the original witness trees; thence I continued west and at 72 chains I ran to Mean High Tide of the Pacific Ocean.

A direct solar observation was taken on this line, and computed, finding the bearing of this line to be N.89°-55'W.

Then I corrected this line to a due west line, setting the quarter corner, between sections 12 and 13, 40 chains west of the N.E. corner of section 13, from which a 30" spruce bears N.35°E. 5.2 ft. and a 60" spruce bears S.65°W. 10.7 ft. the former tree marked C.S. 1/4 S.12 and the latter tree marked C.S. 1/4 S.13, both trees also marked B.T., thence

I continued west 20 chains to the N.E. corner of the N. 1/4 of the N.W. 1/4 of sec. 13 from which a one inch pipe in an eight inch square concrete core marked FIR 1915 U.S.E. bears S.63°-07'E. 6.69 chains, thence I ran 12 chains west to the Pacific Ocean.

Thence I returned to the 1/4 corner between sections 12 and 13, using the true bearing established by sun observation, on the N. line of section 13, and I ran south 20 chains and set a temporary sixteenth corner for the N.E. corner of the Light House Reserve, thence continuing south set a temporary center of section 13 at 40 chains and at 60 chains set a temporary S.E. corner of the Light House Reserve, thence I continued to 80 chains where I made a diligent search for the quarter corner between sections 13 and 24 which I was unable to find due to the fact that the bearing trees were either burned or blown down at some previous time, the present growth of timber here being no larger than the sizes of the witness trees called for in the government field notes.

Thence from this temporary quarter corner I ran East and found the original section corner common to sections 13, and 24, T.22 S.R.13 W; and 18 and 19, T.22 S.,R.12 W. which I identified from old and original government witness trees.

Thence I returned to the temporary quarter corner established on the South side of section 13, between sections 13 and 24 and continued the line west 40 chains to a temporary section corner common to sections 13, 14, 23 and 24, this corner in the government field notes calls for two pine trees at the time it was established but at the present time I find this corner about 9 chains beyond the edge of vegetation and in the sand dunes. Being unable to locate any of the old original government corners on the south line of section 13, except the S.E. corner of section 13, I ran a line according to the government field notes, N.89°-34'W. from the S.E. corner of section 13 and at 40.08 chains I set a quarter section corner between sections 13 and 24 which is a 5" pine marked C.S. 1/4 on the East, S.13 on the North and S.24 on the South, from which a 10 inch fir bears N.20°W. 5.5 ft marked C.S. 1/4 S.B.T. and a 5 inch pine bears South 2.7 ft. marked C.S. 1/4 S. B.T., thence I continued west on the same bearing and at 40.08 chains set the section corner common to sections 13, 14, 23 and 24.

Thence I ran due North and at 20 chains set a sixteenth corner for the S.W. corner of the Light House Reservation, thence continuing N.40 chains, I set the quarter corner between sections 13 and 14, this corner was originally placed in the sand dunes and only a charred stake used to mark same which at this time could not be found; thence I continued North and at 20 chains set a sixteenth corner thence ran North 11 chains to the Pacific Ocean.

Thence I ran a line from the previous point on the Pacific Ocean to the point set on the line between sections 12 and 13 on the Pacific Ocean