

Subdivisions of T. 21 S., R. 12 W.

CHAINS

on the meanders, one of the assistants with a canoe is sufficient. Therefore, as a measure of economy, that part of the survey is omitted until I can discharge the Indians.

November 13, 1857.

Meanders, T. 21 S., R. 12 W., W.M., as surveyed by Harvey Gordon, Deputy Surveyor, under contract No. 69, dated February 2, 1857.

Meanders of the Umpqua River and its tributaries, beginning at the meander post in S. Boundary of the Tp., thence on right bank up stream in sec. 31.

<u>Courses</u>	<u>Distances</u>	<u>Remarks</u>
N.55*E.	23.27	Leave Indian village, E.P. Drew's house in sec. 31, bears N.37*W., 150 lks. dist. Umpqua City P.O.
N.39*E.	8.50	Timbered shore, sandy.
N.25*E.	4.50	Enter Military Reservation as pointed out by Capt. Stewart, U.S.A.
N.12*E.	6.50	
N.5*W.	4.00	At 3.00 chs. enter Parade. Guard House W. 1.50 chs.
N.42*E.	6.00	
N.6*W.	9.00	At 3.00 chs. Block-house, Fort Umpqua bears West 2.00 chs. dist. Barracks W. 4 to 8 chs. dist. Leave Parade.
N.13*W.	7.50	
N.24*W.	21.00	
N.38*W.	7.30	To meander post
N.28*W.	13.50	In sec. 30.
N.8*W.	17.00	
N.31½*E.	17.50	
N.11*E.	34.50	To meander cor.
N.20*E.	7.50	In sec. 19.
North	8.00	About N. end of Reservation, not