

Topography, T. 2 N., R. 33 E.

Chains	
67.50	Umatilla River bed, water in channel, course N.W.
70.00	Leave same.
80.00	To cor. secs. 2, 3, 10 & 11. An alder witnessed; all in good condition.
	Land, generally rolling and soil 1st rate.
	Timber: Cottonwood and alder with dense brush last 20.00 chains.
	Line between secs. 4 & 9.
	I examined this line. I find that it runs through timber and brush all the way, 80 chains.
	Center of sec. 21.
	From $\frac{1}{4}$ sec. on W. boundary, a charred stake with pits N & S $5\frac{1}{2}$ ft. dist., marked stake in N. pit, I ran S. $89^{\circ} 50'$ E. through center of sec. 21.
	Variation $20\frac{1}{2}^{\circ}$ East.
72.00	Passed $1/16-1/4$ & $1/16$ cors., in good condition and at Tudie Willow Creek, water in holes, North branch, course N. W.
	Sec. 34.
	From $1/16$ sec. cor., 20 chs. S. of $\frac{1}{4}$ sec. cor. bet. secs. 33 & 34, a charred stake in md. Pits N & S $5\frac{1}{2}$ ft. dist., partly filled.
	S. $89^{\circ} 54'$ E. through $S\frac{1}{2}$ of sec. 34. Variation 21° East.
38.25	Tudie Willow Creek, course N.W.
	From $\frac{1}{4}$ sec. cor. between secs. 33 & 34, a charred stake in md.; pits N & S $5\frac{1}{2}$ ft. dist., I ran,
	S. $89^{\circ} 53'$ E. through center of sec. 34.
	Variation 20° East.
22.25	Tudie Willow Creek, Course N. W.
	From $1/16$ sec. cor. 20 chs. North of cor. to secs. 3, 4, 9 & 10, N. $89^{\circ} 54'$ W. through $S\frac{1}{2}$ of sec. 4. Variation 20° East.
	I find that the gulch opens out on the river bottom before reaching this line and that there is no channel running into the river.

May 1st, 1890.