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First Standard Parallel N., through Rs. 39, W.M.  
 As surveyed by Rufus S. Moore, U.S. Deputy Surveyor,  
 Under Contract No. 437,  
 Dated June 3, 1882.

Chains

Beginning at the Standard Cor. to Tps. 4 & 5 N., Rgs. 38  
 and 39 E.

The witness trees are still standing, but the old Cor., has  
 been obliterated, which I establish by setting a basalt  
 stone, 18 x 15 x 12 ins., 12 ins. in ground, marked S.C.  
 and with 6 notches on the N., E. and W. faces, from which

A fir, 5 ins. diam., brs. N.35°E., 32 lks. dist.,  
 marked T 5 N R 39 E S 36 B T.

A yellow pine, 22 ins. diam., brs. N.45°W., 13 lks. dist.  
 marked T 5 N R 38 E S 36 B T.

A yellow pine, 44 ins. diam., brs. S.20°W., 4 lks. dist.  
 marked T 4 N R 38 E S 6 B T.

E. on S. Bdy. of Secs. 31

Var. 20°30'E.

I find it will be impossible to chain E. across canyon. I  
 therefore send flag ahead and run base of 250 lks. N.,  
 which gives an angle of 3°35' which by Nat. sines and  
 Co-sines give

39.92	To flag				
	Sine :	Cosine	::		lks.
	.0625	9980		250	399

8.70 S. Fork of Walla Walla River, 40 lks. wide, runs S.W. 500  
 ft. below flag.

Ascend from river.

15.00 Branch, 5 lks. wide, runs N.W. 300 ft. above river.

I then measure E. 8 lks. from flag to

40.00 Set basalt stone, 20 x 10 x 6 ins., 15 ins. in ground, for  
 $\frac{1}{4}$  Sec. Cor., marked S.C.  $\frac{1}{4}$  on N. face, from which  
 A yellow pine, 18 ins. diam., brs. S.70°E., 162 lks. dist  
 marked S.C.  $\frac{1}{4}$  S.B.T.

Steep ascent.

78.00 Top of ridge brs. N.W. & S.E., 1000 ft. above  $\frac{1}{4}$  Sec. Cor.

80.00 Set a fir post, 4 $\frac{1}{2}$  ft. long, 4 ins. sq., 24 ins. in ground  
 for Standard Cor. to Secs. 31 & 32, marked S.C. T 5 N  
 on N., S.31 on W. and S 32 on E. faces with 5 notches  
 on E. & W. faces, from which