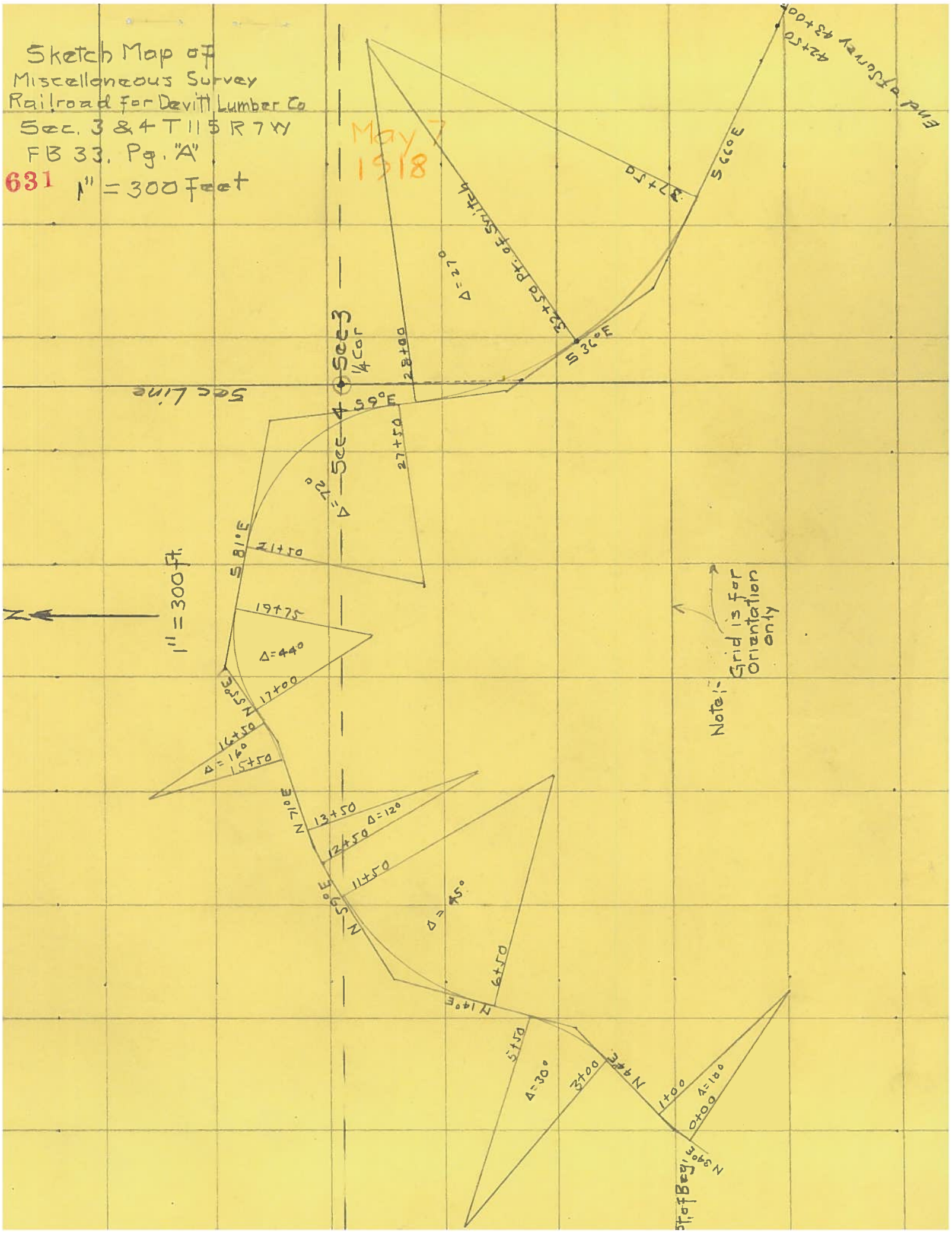
C.S. #631

See notes in file

F.B. 33 - Pg. A


Sketch Map of
Miscellaneous Survey
Railroad for Devitt Lumber Co
Sec. 3 & 4 T 11 S R 7 W
FB 33, Pg. "A"
631
1" = 300 Feet
May 7
1918
End of Survey 43+00
S 66° E
43+50
Pt. of Curve 34+50
Δ = 27°
32+50
S 32° E
28+00
Sec 3
1/4 Cor
Sec 4
Sec line
S 59° E
27+50
Δ = 27°
S 81° E
21+50
1" = 300 Ft.
N
19+75
Δ = 44°
17+00
N 55° E
16+50
Δ = 14°
15+50
N 71° E
13+50
12+50 Δ = 120°
11+50
N 55° E
Δ = 45°
6+50
N 14° E
5+50
Δ = 30°
3+00
N 44° E
1+00
Δ = 100°
0+00
N 59° E
Pt. of Beg.
Note:- Grid is for Orientation only

Page "A"

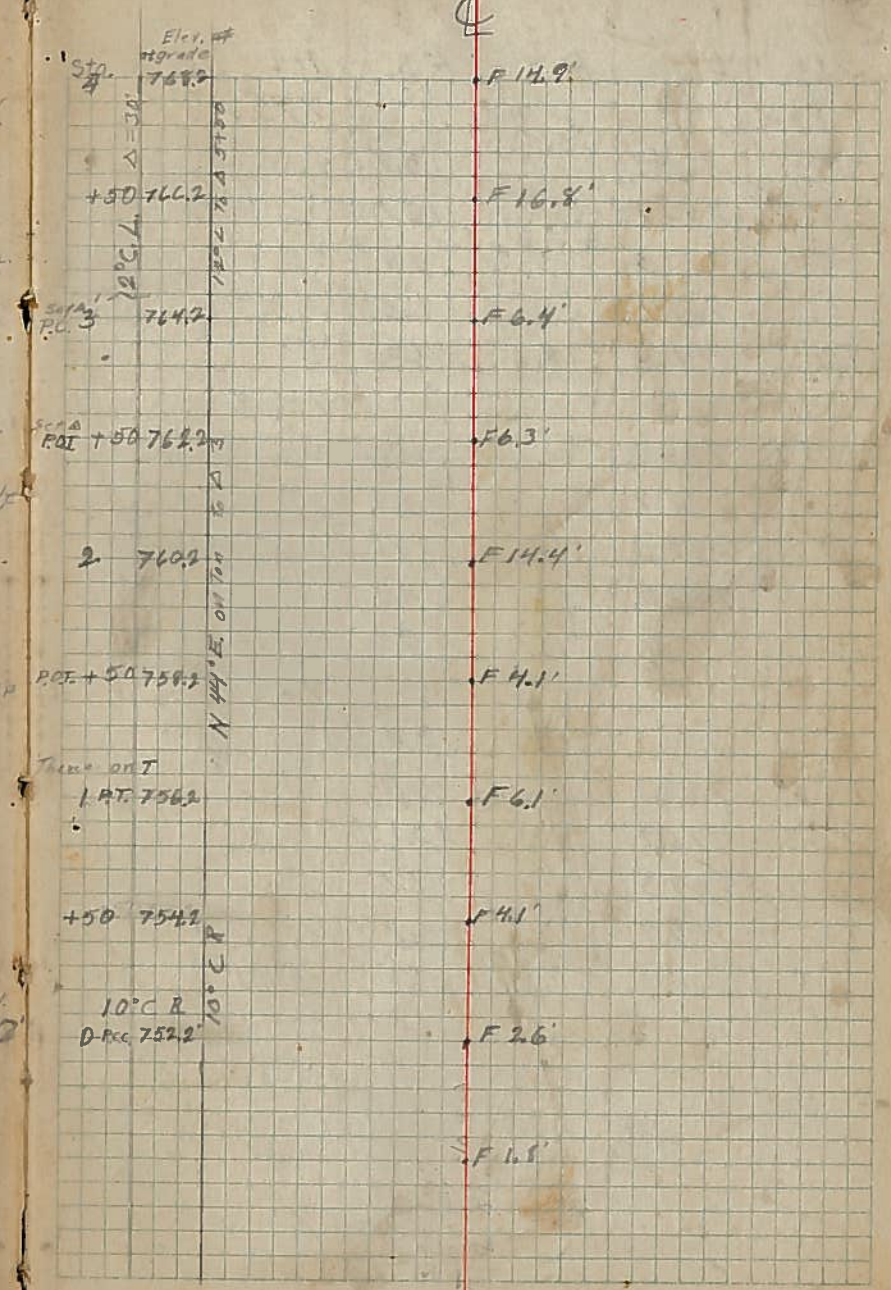
631

Survey of R.R. for Devitt Lumber Company. Secs 9, 10 & 3 T. 11 S. R 7 W. Will. Mer. Benton County, Oregon.

May 7- 1918.

Beginning at A D which is about 480 feet North and 830 feet East of 4 | 3 / 9 | 10 Near the end of the present track.

Sta.	Elev.	B.S.	F.S.	H.I.	Remarks
B.M.	750.00'	12.00		762.00	B.M. on M.P. Elev. 750' assumed
0	749.6		12.4'		
+50	750.1		11.9'		
1	750.1		11.9'		
+50	754.1		7.9'		Tack in stump
2	745.8		16.2'		
+50	755.9		6.1'		
3	757.8		4.2		
+50	749.4		12.6'		
4	753.3'		8.7'		
T.P.	761.8	14.1	.2		
				775.9	Assumed Elev. of B.M. 750'



Sta.	Elev.	B.S.	F.S.	H.I.	
				775.9	△10 is behind tree
4+50	760.1		15.8'		
5	757.9		18.0'		
+50	773.2		2.7'		
6	769.4		6.5'		
T.P.	774.6'	12.2''	1.3'		
				786.8'	
+50	776.2		10.6'		
7	778.7		8.1'		
+50	782.5		5.1'		
8	782.5		4.3'		
TP		12.2'	0.6'		
				799.0	
+50	785.1		13.9'		
9	788.6		10.4'		
+50	775.9		23.1		
10	789.3		9.7'		
					Set △

Sta.	Elev. at grade	℄
10	792.2	F 2.9'
+50	790.2	F 14.3
9 P.O.C.	788.2	C 0.4' X
+50	786.2	F 1.1'
8	784.2	F 1.7'
	△ 45°	
+50 P.O.C.	782.2	C 0.3'
7	780.2	F 1.5'
	90° R	
+50 P.C.	778.2	F 2.0'
	N 14° E 100'	
6	776.2	F 6.8'
+50 P.T.	774.2	F 4.0'
5	772.2	F 14.3'
4+50	770.2	F 10.1'

Sta.	Elev.	B.S.	F.S.	H.I.	Remks.
10+50	793.2		5.8'	799.0	HI Continued
11	792.8		6.2'		Place for Frog ℄
+50	794.5		4.5'		
12	791.8		7.2'		
+50	798.8		.2'		
T.P.	795.3	5.8'	3.7'		
	798.8			801.1	
13	795.3'		5.8'		
+50	795.4		5.7'		
14	782.9'		18.2'		+17.5 on slope set peg in stump
+50	779.5		21.6'		
15	788.5		12.6'		
+50	797.6'		3.5'		Measured from △ 11+50
T.P.	800.4'	12.0'	0.7'		
Near △ 15+50 B.M. on Hydrant	795.0'				On switch-back
				812.4	
					On switch-back
					ⓟ of switch 137' To tack in Alder 93.6' To tack in Alder Stump

Sta.	Elev. at grade	℄
+50 P.C.	804.2	F 6.6'
15 POT	802.2	F. 13.7'
+50	800.2	F 20.7'
14	798.2	F 15.3'
+50 P.T.	796.2'	F 0.8'
13	795.2'	C 0.1'
+50	795.2	C 3.6'
12	795.2	F 3.4'
+50 PT	795.2	F 0.7'
11 P.C.C.	795.2	F 2.4'
+50	794.2	F 1.0'

100' = 1.2° C.R.
△ = 1.2°
5.7 Flow 200'
This N 57° E 100' & more
2° C.R.

Sta.	Elev.	B.S.	F.S.	H.I.	Remarks
				812.4	
16	806.6		5.8		
+50	811.1		1.3'		
T.P.	811.1	12.0'	1.3'		
				823.1	+76.65 Tack in Stump
17	816.6'		6.5		
+50	821.1		2.0'		
18	821.7		1.4		
+32	815.5		17.6		
+50	810.3		12.8		
T.P.	811.6	1.0	11.5		
				812.6	
19	795.7		16.9		
+50	800.4		12.2 9.3		
20	807.4		5.2		
T.P.	812.6	14.7'	0.0		
				827.3	
+50	813.7		13.6'		Moved →
21	820.8		6.5		
+50	827.0		0.3'		

Sta.	Elev. at grade	℄
21	826.2	F 5.4'
	175'	
+50	824.2	F 10.5'
	N 81° W.	
20	822.2	F 14.8'
+75 RT.	821.2	F 17.9'
+50 P.O.C.	820.2	F 19.8'
19	818.2	F 22.5'
+50	816.2	F 5.9'
+37		0.0'
	44°	
17 P.O.C.	814.2	C 7.5'
	45° R.	
+50 P.O.C.	812.2	C 8.9'
	16° C.L.	
17 P.C.	810.2	C 6.4'
	375' N. 50° W.	
+50 RT.	808.2	C 8.8'
	16° C.L. Fills	
16	806.2	C. 0.4'

Sta.	Elev.	B.S.	F.S.	HI	Remarks
				827.3	
21+50	827.0		0.3		
B.M.	827.0	13.8			B.M. 827' on Stump
				840.8	
22	830.2		10.6		
+50	832.8		8.0		
23	836.2		4.6		
+50	839.6		1.2		
T.P.	840.8	11.4	0.0		
				852.2	
24	842.9		9.3		
+50	843.0		9.2		
25	843.3		8.9		
+50	841.6		10.6		
26	838.6		13.6		On log
+50	845.5		6.7		
T.P.	550.2	6.5	2.0		
				856.7	

Sta.	Elev. at grade	℄
+50	844.2	F 2.7'
26	846.2	F 2.6'
+50	844.2	F 2.6'
25 P.O.C.	842.2	C.H.
+50	840.2	C 2.8'
24 P.O.C.	838.2	C 4.7'
+50	836.1	C 3.4'
23 P.O.C.	834.1	C 2.0'
+50	832.1	C 0.6'
22 P.T.	830.2	0.0
+50 P.C.	828.2	F 1.2'

12° C.A. Δ = 72°

Sta.	Elev.	B.S.	F.S.	H.I.	Remarks
				856.7'	
27	551.3'		5.4'		On 2' log
+50	849.4'		7.3'		
28	847.8		8.9'		
+50	846.1		10.6'		On log +6.6'
29	842.3		14.4		
+50	848.8		7.9'		
30	854.2'		2.5'		
T.P.	856.0'	13.1'	.7'		
				869.1	
+50	859.5'		9.6'		
31	864.3'		4.8'		
+50	866.4		2.7'		
32	868.8'		.3		cut grade 1.0' for V.C.
T.P.	869.1	10.4	0.0		
				879.5'	

Tack in Log

Sta. ℄

32 P.O.C. 868.2 F 0.4'

+50 868.1 F 1.8'

31 866.2 F 1.9'

+50 P.O.C. 864.2 F 4.7'

30 P.O.C. 862.2 F 8.0'

+50 860.2 F 11.4'

29 = 27° 850.2 F 15.9'

+50 = 6° 854.2' F 10.1

28 P.C. 854.2' F 6.4'

N.P.I.

+50 P.T. 852.2 F 2.8'

27 P.O.C. 850.2 C.U.'

247.27

147.92

Sta.	Elev.	B.S.	F.S.	H.I.	Remarks
				879.5	
32+50	875.5		4.0'		
B.M.	875.0	5.0'			B.M. on Fir 3'
				880.0	
33	874.5		5.5'		
+50	872.3		8.7'		
34	869.9		10.1'		
T.P.	869.1	3.0			
				872.1	
34+50	870.1		2.0'		
35	867.3		4.9		
+50	867.1		5.0		
36	867.6		4.5		
+50	866.4		5.7		At 34+60 is Point of Frog on 12°C to L from △ 32+50
T.P.	871.0	10.2	1.1		
				881.2	
37	870.7		10.5		
+50	876.6		4.6		

Notice	Bearing from line	Also from Vert. L	△ 32+50 Distance	
	N. 36° W.		181.7	From Point of Switch
	N. 1° 56' W.	+ 27°52'	163.35	= 144.85'
N.0°14'W. 455.74' =	N 2° E	+ 18° 22'	66.6	= 63.21
	North		45.15	
	N 0° 15' E	− 17°17'	212.0	= 202.43
	To ¼ sec. cor. between secs. 3+4			

℄

Sta		
+50	P.O.T. 882.5	F 5.9'
	12°C to ℄ 440'	
37	880.0	F 8.3'
+50	P.T. 877.5	F 11.1
36	875.0	F 7.4
+50	P.O.C. 872.5	F 5.4'
35	△ 870.0	F 2.8
	I = 30°	
	18°C to ℄ 448.65'	
+60	R. 869.2	
+50	869.2	C 0.9
34	869.2	C 0.7
	12°C to ℄ switch 132'	
+50	869.7	C 3.1
33	or 869.2	C 5.3
+50	P.C.C. 869.2	C 6.3
	also Point of switch	

Sta.	Elev	B.S.	F.S.	H.I	Remarks
				881.2	
38	875.3		5.9		
+50	873.0		8.2		
39	871.8		9.4		
+50	874.3		6.9		
40	876.8		4.4		
T.P.	880.1	13.2	1.1		
				893.3	
+50	883.0		10.3		
T.P.	893.3	9.3	0.0		
				9026	
41	893.8		8.8		
+50	898.0		4.6		
42	897.1		4.9		
+50	895.9		6.7		
B.M.	896.0				

℄

43	9100	
+50 P.C.	907.5	F 9.6
42	905.0	F 7.3
+50 P.O.T.	902.5	F 4.5
41	900.0	F 6.2
+50	893.5	F 14.5
40	895.0	F 18.2'
+50	892.5	F 18.2'
39	890.0	F 18.2'
+50 P.O.T.	887.5	F 14.5
38	885.0	F 9.7'