

Peterson JP - Demo Video Day

10th Dec 2012

Operator: Robert Crafar, farmer, only run a Peterson mill once before

Helper: Kerris Browne, Peterson's CEO

Logs: Reject pine logs from local mill, debarked

Tally: International Scale http://www.woodweb.com/cgi-bin/calculators/calc.pl?calculator=log_volume

Log 1 - on own, double cut large beam

Log diam	0.334	13 1/4"	Log volume Metric	0.22	m3
Log length	2.51	8' 2"	Log volume International Scale	55	b/f
Board Tally					
0.3	0.1	1	0.0753		
0.15	0.05	2	0.03765		
0.1	0.05	1	0.01255		
0.05	0.05	1	0.006275		
0.15	0.025	1	0.0094125		
0.1	0.025	1	0.006275	(lost final board as log moved - No EZ Dogs)	
Total Board Tally			Cube	0.14	b/f 60
			Metric Recovery	64%	
			International Scale Recovery	109%	

Log 2 - female helper

Log diam	0.66	26"	Log volume Metric	0.86	m3
Log length	2.51	8' 2"	Log volume International Scale	240	b/f
Board Tally					
0.15	0.15	4	0.2259		
0.15	0.05	14	0.26355		
0.15	0.025	4	0.03765		
0.1	0.025	1	0.006275		
0.05	0.05	8	0.0502		
0.025	0.025	3	0.00470625		
0.025	0.15	1	0.0094125		
0.15	0.05	2	0.03765	(lost 2 big boards from left side as log too far over)	
Total Board Tally			Cube	0.60	b/f 253
			Metric Recovery	70%	
			International Scale Recovery	106%	

Log 3 - female helper, EZ Dogs

16.5 Minutes timed from log load to last board sawn

Log diam	0.334	13 1/4"	Log volume Metric	0.22	m3
Log length	2.51	8' 2"	Log volume International Scale	55	b/f
Board Tally					
0.15	0.15	1	0.056475		
0.05	0.025	2	0.006275		
0.05	0.1	2	0.0251		
0.05	0.15	2	0.03765		
0.1	0.025	1	0.006275		
0.125	0.025	1	0.00784375		
0.15	0.025	1	0.0094125	Final board recovered, as used EZ Dogs	
Total Board Tally			Cube	0.15	b/f 63
			Metric Recovery	68%	0.54 Cubic Mtr per hour production
			International Scale Recovery	115%	230 b/f per hour production