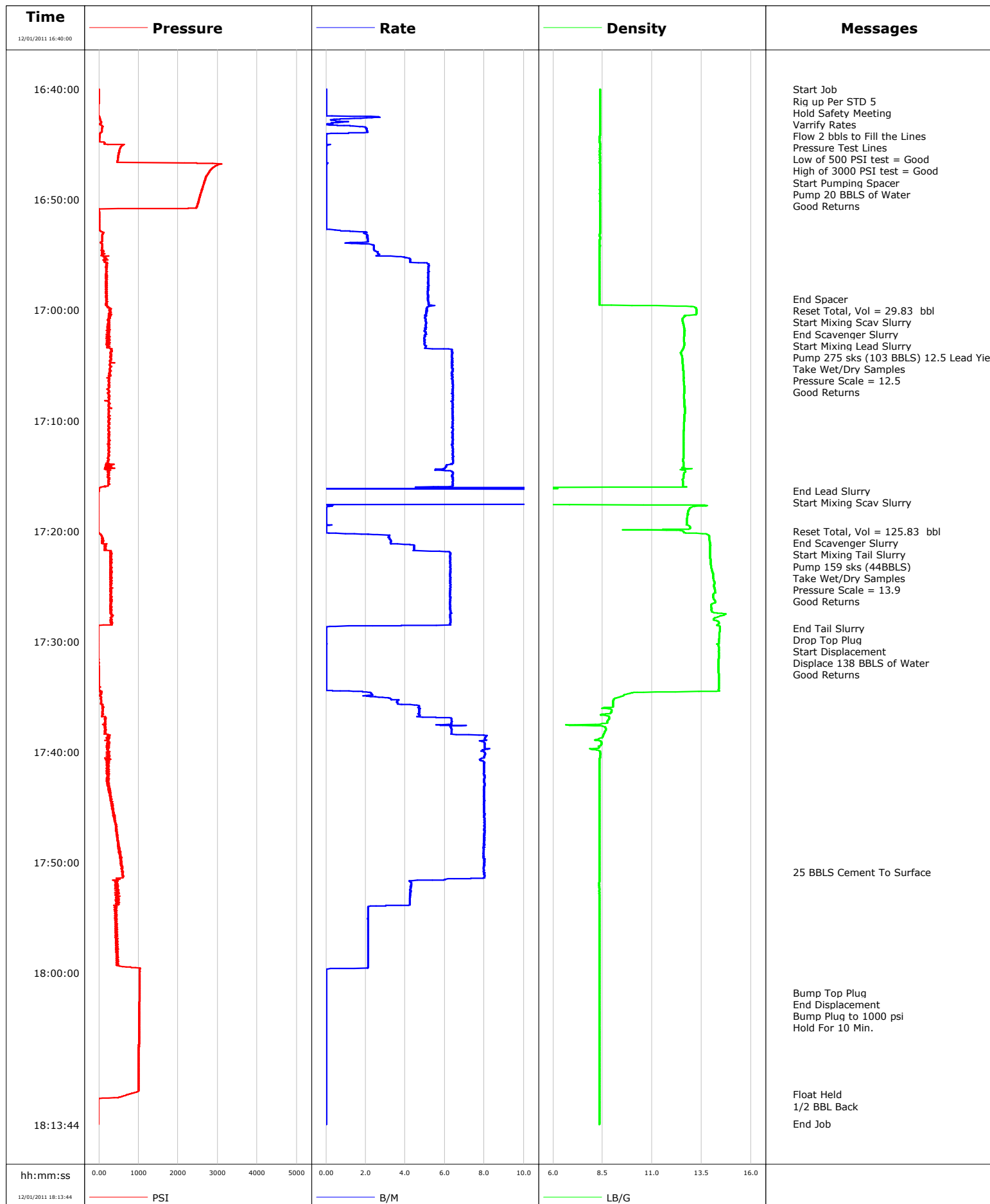


Well	EF08B-34 P	Client	ENCANA
Field	North Parachute	SIR No.	675461
Engineer	DANT RYAN/ TED HANSEN	Job Type	9 5/8
Country	United States	Job Date	12-01-2011



				Customer ENCANA				Job Number 675461									
Well EF08B-34 P 0631244189				Location (legal) P27 595				Schlumberger Location				Job Start Dec/01/2011					
Field North Parachute			Formation Name/Type Shale			Deviation deg		Bit Size 12.3 in		Well MD 1823.0 ft		Well TVD 1823.0 ft					
County Garfield			State/Province Colorado			BHP psi		BHST 100 degF		BHCT 87 degF		Pore Press. Gradient lb/gal					
Well Master EF08B-34 P			API/UWI														
Rig Name PATTERSON 303		Drilled For Gas		Service Via Land		Casing/Liner											
						Depth, ft		Size, in		Weight, lb/ft		Grade		Thread			
Offshore Zone		Well Class New		Well Type Development		120.0		16.0		65.0		N/A		N/A			
						1823.0		9.6		36.0		J-55		8RD			
Drilling Fluid Type Bentonite			Max. Density 9.00 lb/gal		Plastic Viscosity 40.000 cP		Tubing/Drill Pipe										
						T/D		Depth, ft		Size, in		Weight, lb/ft		Grade		Thread	
Service Line Cementing		Job Type 9 5/8				D				0.0		0.0					
										0.0		0.0					
Max. Allowed Tub. Press 3000 psi		Max. Allowed Ann. Press 500 psi		WH Connection Single Cement head		Perforations/Open Hole											
						Top, ft		Bottom, ft		shot/ft		No. of Shots		Total Interval ft			
						ft		ft									
						ft		ft						Diameter in			
						ft		ft									
Service Instructions CEMENT A 9 5/8 SURFACE CASSING PUMP 20 BBLS OF WATER PUMP 102 BBLS OF 12.5 LEAD @ YIELD OF 2.11 PUMP 43 BBLS OF 14.0 TAIL @ YIELD OF 1.54 DISPLACE 138 BBLS WITH WATER						Treat Down Casing				Displacement 138.0 bbl		Packer Type		Packer Depth ft			
						Tubing Vol. bbl				Casing Vol. 141.0 bbl		Annular Vol. 112.0 bbl		Openhole Vol. 262.0 bbl			
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>		Casing Tools				Squeeze Job									
Lift Pressure 904 psi				Shoe Type Float				Squeeze Type									
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 1823.0 ft				Tool Type									
No. Centralizers 25		Top Plugs		Bottom Plugs		Stage Tool Type				Tool Depth ft							
Cement Head Type Single				Stage Tool Depth ft				Tail Pipe Size in									
Job Scheduled For Dec/01/2011 13:00		Arrived on Location Dec/01/2011 13:00		Leave Location Dec/01/2011 21:00		Collar Type Float				Tail Pipe Depth ft							
						Collar Depth 1776.0 ft				Sqz. Total Vol. bbl							
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message											
12/01/2011	16:40:00	-10	0.0	8.37	0.0	Started Acquisition											
12/01/2011	16:40:02	-10	0.0	8.37	0.0	Start Job											
12/01/2011	16:40:03	-10	0.0	8.37	0.0	Rig up Per STD 5											
12/01/2011	16:40:05	-10	0.0	8.37	0.0	Flow 2 bbls to Fill the Lines											
12/01/2011	16:40:13	-9	0.0	8.37	0.0	Pressure Test Lines											
12/01/2011	16:40:15	-9	0.0	8.37	0.0	Low of 500 PSI test = Good											
12/01/2011	16:40:20	-9	0.0	8.37	0.0	Start Pumping Spacer											
12/01/2011	16:40:23	-10	0.0	8.37	0.0	Pump 20 BBLS of Water											
12/01/2011	16:41:40	-12	0.0	8.37	0.0												
12/01/2011	16:43:20	68	1.2	8.37	0.8												
12/01/2011	16:45:00	136	0.0	8.35	2.1												
12/01/2011	16:46:40	475	0.0	8.35	2.1												
12/01/2011	16:48:20	2667	0.0	8.35	2.1												
12/01/2011	16:50:00	2525	0.0	8.35	2.1												
12/01/2011	16:51:40	3	0.0	8.36	2.1												
12/01/2011	16:53:20	82	2.1	8.35	3.1												
12/01/2011	16:55:00	75	2.7	8.35	6.9												
12/01/2011	16:56:40	202	5.2	8.35	14.5												
12/01/2011	16:58:20	211	5.1	8.35	23.1												
12/01/2011	16:59:00	174	5.1	8.34	26.5	End Spacer											
12/01/2011	16:59:38	191	5.5	11.22	29.8	Reset Total, Vol = 29.83 bbl											

Well			Field		Job Start	Customer	Job Number
EF08B-34 P 0631244189			North Parachute		Dec/01/2011	ENCANA	675461
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
12/01/2011	17:00:00	246	5.1	13.25	31.7		
12/01/2011	17:00:33	258	5.1	12.66	34.5	End Scavenger Slurry	
12/01/2011	17:00:34	258	5.0	12.67	34.6	Start Mixing Lead Slurry	
12/01/2011	17:01:40	215	5.0	12.62	40.1		
12/01/2011	17:01:42	260	5.0	12.63	40.3	Pump 275 sks (103 BBLS) 12.5 Lead Yield of 2.11	
12/01/2011	17:01:50	187	5.0	12.64	40.9	Take Wet/Dry Samples	
12/01/2011	17:02:00	274	5.0	12.64	41.8	Pressure Scale = 12.5	
12/01/2011	17:03:20	199	5.0	12.60	48.4		
12/01/2011	17:05:00	266	6.3	12.55	58.8		
12/01/2011	17:06:40	250	6.4	12.61	69.4		
12/01/2011	17:08:20	242	6.4	12.63	80.1		
12/01/2011	17:10:00	235	6.4	12.62	90.7		
12/01/2011	17:11:40	237	6.4	12.58	101.4		
12/01/2011	17:13:20	235	6.4	12.57	112.0		
12/01/2011	17:15:00	230	6.4	12.59	122.5		
12/01/2011	17:16:20	-9	16.8	0.41	132.5	End Lead Slurry	
12/01/2011	17:16:26	-11	21.4	0.23	134.6	Start Mixing Scav Slurry	
12/01/2011	17:16:40	-13	19.1	0.28	139.2		
12/01/2011	17:18:20	-15	0.0	12.81	155.6		
12/01/2011	17:20:00	-16	0.0	12.53	155.7		
12/01/2011	17:20:02	-15	0.0	12.58	155.7	Reset Total, Vol = 125.83 bbl	
12/01/2011	17:20:44	90	3.2	13.88	157.1	End Scavenger Slurry	
12/01/2011	17:20:47	74	3.2	13.88	157.2	Start Mixing Tail Slurry	
12/01/2011	17:21:40	137	4.4	13.94	160.7		
12/01/2011	17:22:55	310	6.3	13.95	168.2	Pump 159 sks (44BBLS)	
12/01/2011	17:22:56	310	6.3	13.95	168.3	Pressure Scale = 13.9	
12/01/2011	17:23:20	285	6.3	13.98	170.8		
12/01/2011	17:25:00	290	6.3	14.14	181.3		
12/01/2011	17:26:40	305	6.3	13.98	191.7		
12/01/2011	17:28:20	342	6.3	14.38	202.2		
12/01/2011	17:28:47	-17	0.0	14.43	203.8	End Tail Slurry	
12/01/2011	17:28:57	-17	0.0	14.42	203.8	Drop Top Plug	
12/01/2011	17:28:59	-17	0.0	14.42	203.8	Start Displacement	
12/01/2011	17:29:00	-17	0.0	14.41	203.8	Displace 138 BBLS of Water	
12/01/2011	17:29:01	-17	0.0	14.41	203.8	Good Returns	
12/01/2011	17:30:00	-14	0.0	14.38	203.8		
12/01/2011	17:31:40	-13	0.0	14.36	203.8		
12/01/2011	17:33:20	-11	0.0	14.36	203.8		
12/01/2011	17:35:00	41	2.3	9.42	204.9		
12/01/2011	17:36:40	77	4.7	8.42	211.7		
12/01/2011	17:38:20	174	6.3	8.57	221.9		
12/01/2011	17:40:00	221	8.0	8.37	235.1		
12/01/2011	17:41:40	237	8.0	8.35	248.4		
12/01/2011	17:43:20	288	8.0	8.34	261.7		
12/01/2011	17:45:00	353	8.0	8.34	275.0		
12/01/2011	17:46:40	419	8.0	8.34	288.3		
12/01/2011	17:48:20	495	8.0	8.34	301.6		
12/01/2011	17:50:00	549	8.0	8.34	314.9		
12/01/2011	17:50:52	603	8.0	8.33	321.8	25 BBLS Cement To Surface	
12/01/2011	17:51:40	457	4.2	8.33	327.7		
12/01/2011	17:53:20	516	4.2	8.33	334.8		
12/01/2011	17:55:00	419	2.1	8.33	339.6		
12/01/2011	17:56:40	459	2.1	8.33	343.1		
12/01/2011	17:58:20	443	2.1	8.33	346.7		

Well			Field		Job Start	Customer		Job Number	
EF08B-34 P 0631244189			North Parachute		Dec/01/2011	ENCANA		675461	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
12/01/2011	18:01:40	1020	0.0	8.33	349.4				
12/01/2011	18:01:46	1019	0.0	8.33	349.4	Bump Top Plug			
12/01/2011	18:01:47	1019	0.0	8.33	349.4	Hold For 10 Min.			
12/01/2011	18:03:20	1014	0.0	8.33	349.4				
12/01/2011	18:05:00	1009	0.0	8.33	349.4				
12/01/2011	18:06:40	1005	0.0	8.34	349.4				
12/01/2011	18:08:20	1001	0.0	8.34	349.4				
12/01/2011	18:10:00	1000	0.0	8.34	349.4				
12/01/2011	18:11:00	757	0.0	8.34	349.4	Float Held			
12/01/2011	18:11:24	-14	0.0	8.34	349.4	1/2 BBL Back			
12/01/2011	18:11:40	-16	0.0	8.34	349.4				
12/01/2011	18:13:20	-15	0.0	8.34	349.4				

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl				
Slurry 5.7	N2		Mud	Maximum Rate 25.0	Total Slurry 349.4	Mud 0.0	Spacer 34.5		N2
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum 3102	Final -15	Average 506	Bump Plug to 1000	Breakdown	Type FreshWater		Volume 350.0 bbl		Density 8.34 lb/gal
Avg. N2 Percent %		Designed Slurry Volume 147.0 bbl	Displacement 145.6 bbl	Mix Water Temp 80 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>			Volume 25.0 bbl	
					Washed Thru Perfs <input type="checkbox"/>			To ft	
Customer or Authorized Representative CODY HUSEBY			Schlumberger Supervisor DANT RYAN/ TED HANSEN			Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>	