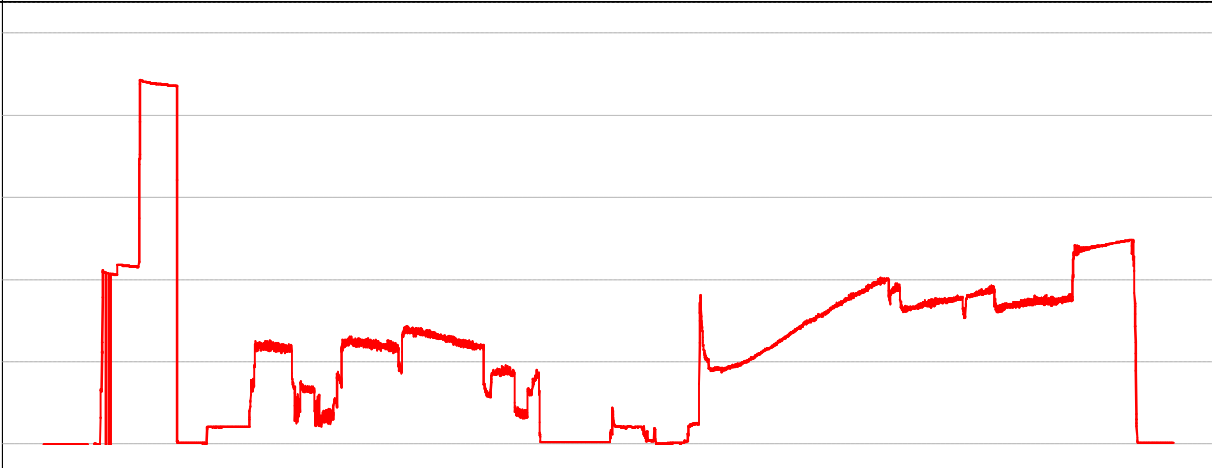
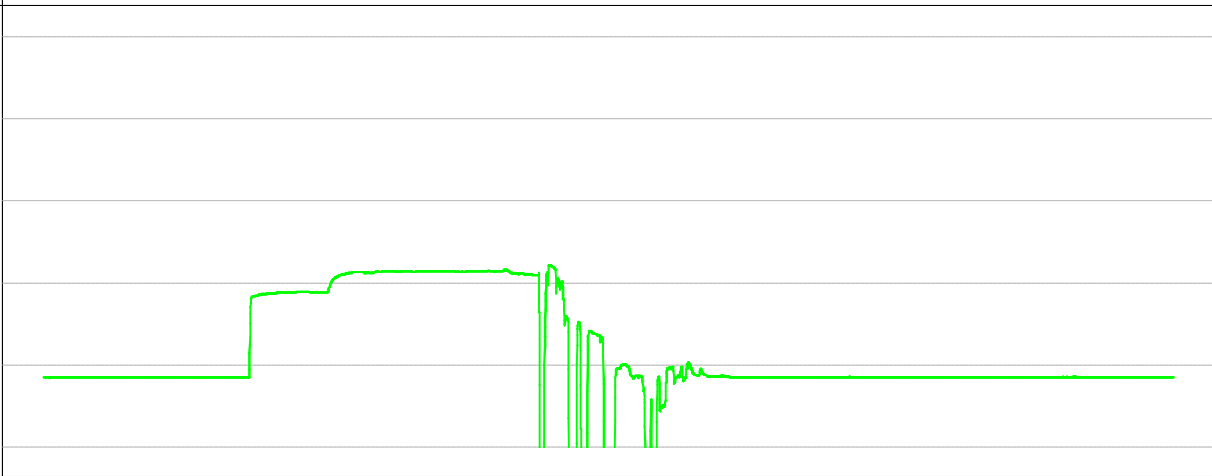
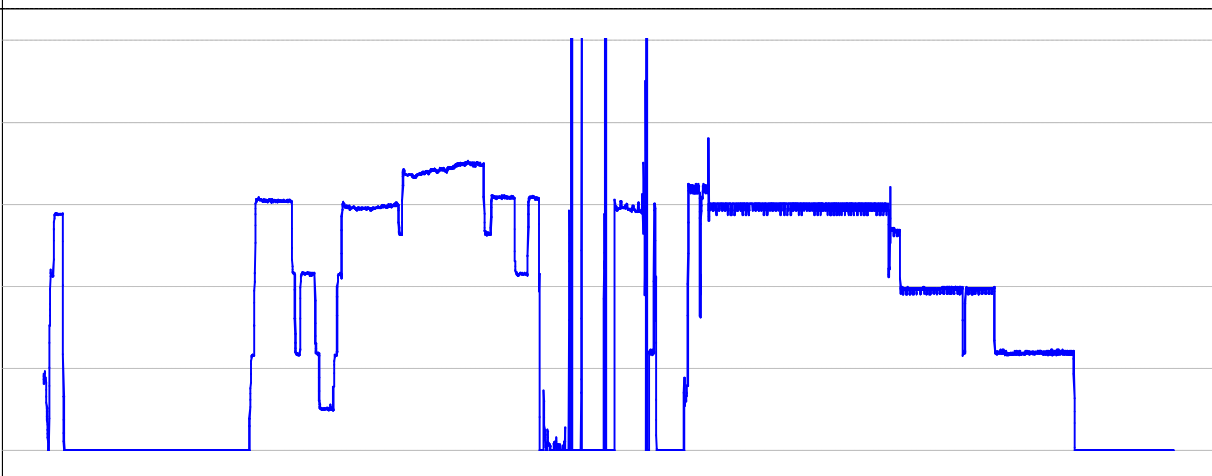
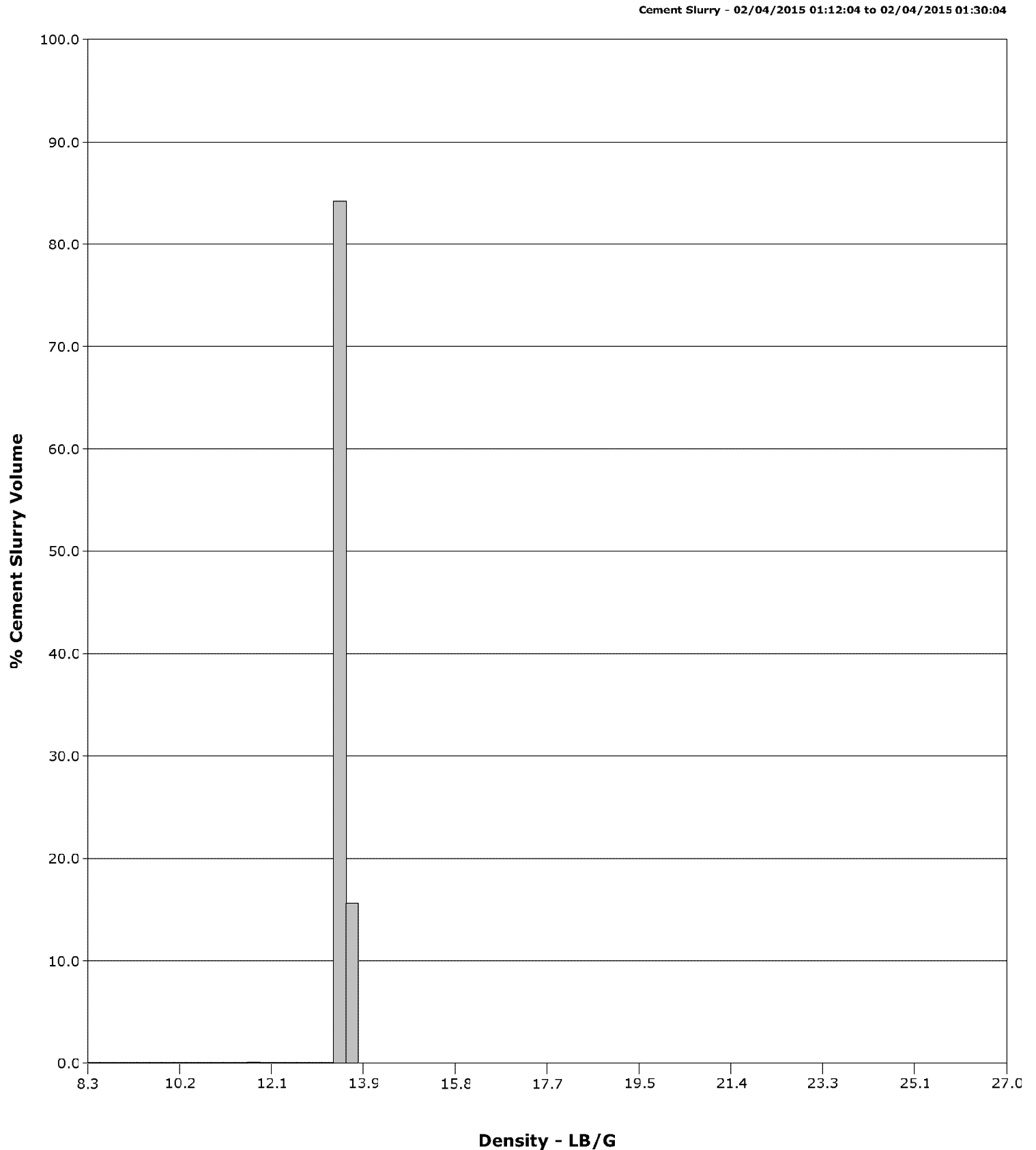


Well Minch 3B-4H		Client Encana	
Field DJ		SIR No. D8FO-00080	
Engineer Wayne Silvester/Paul Kroeger		Job Type Production	
Country United States		Job Date 02-03-2015	

Time	Pressure	Density	Rate	Messages
02/04/2015 00:38:46				
00:38:49				Start Job Fill Pump Lines
00:49:00				
00:59:00				Pressure Test Lines (Low) Pressure Test Lines (High) Reset Total, Vol = 8.70 bbl
01:09:00				Start Pumping MUDPUSHII
01:19:00				Good Returns End MUDPUSHII Reset Total, Vol = 40.63 bb Start Cement Slurry Wet Dry Samples Taken
01:29:00				Good Returns
01:39:00				End Cement Slurry Cement Total SKS Pumped = 417 sks 13.5 ppg Slurry Reset Total, Vol = 125.00 bbl Wash Pump Lines
01:49:00				Reset Total, Vol = 25.01 bb Drop Dart Start Displacement Good Returns
01:59:00				Good Returns
02:09:00				Slow Rate to 5 BPM Slow Rate to 4 BPM Good Returns
02:19:00				
02:29:00				Bump Dart End Displacement Reset Total, Vol = 177.62 bbl Hold For 5 mins Check Float it Held 2 bbls Back End Job
02:35:18				
hh:mm:ss 02/04/2015 02:35:18				

Well Minch 3B-4H
Field DJ
Engineer Wayne Silvester/Paul Kroeger
Country United States

Client Encana
SIR No. D8FO-00080
Job Type Production
Job Date 02-03-2015



				Customer Encana		Job Number D8FO-00080	
Well Minch 3B-4H 3B-4H		Location (legal) 217304		Schlumberger Location Cheyenne		Job Start Feb/03/2015	
Field DJ		Formation Name/Type		Deviation deg	Bit Size 5.1 in	Well MD 11889.4 ft	Well TVD 11947.7 ft
County Weld		State/Province Colorado		BHP 2834 psi	BHST 215 degF	BHCT 215 degF	Pore Press. Gradient lb/gal
Well Master 0631555257		API/UWI 05123394120000					
Rig Name H&P 522	Drilled For Oil & Gas	Service Via Land	Casing/ Liner				
			Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Offshore Zone	Well Class New	Well Type Other	11947.7	4.5	13.5	N/A	N/A
			0.0	0.0	0.0		
Drilling Fluid Type Bentonite		Max. Density 11.20 lb/gal	Plastic Viscosity cP	Tubing/Drill Pipe			
				T/D	Depth, ft	Size, in	Weight, lb/ft
Service Line Cementing	Job Type Production						
Max. Allowed Tub. Press 0 psi	Max. Allowed Ann. Press 10000 psi	WH Connection 1502	Perforations/Open Hole				
			Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval ft
			ft	ft			
			ft	ft			Diameter in
			ft	ft			
			Treat Down Casing	Displacement 177.5 bbl	Packer Type	Packer Depth ft	
			Tubing Vol. bbl	Casing Vol. 178.0 bbl	Annular Vol. 206.0 bbl	Openhole Vol. 136.0 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 2834 psi			Shoe Type Float		Squeeze Type		
Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 11947.7 ft		Tool Type		
No. Centralizers	Top Plugs 1	Bottom Plugs	Stage Tool Type		Tool Depth ft		
Cement Head Type 3rd Party			Stage Tool Depth ft		Tail Pipe Size in		
Job Scheduled For Feb/03/2015	Arrived on Location Feb/03/2015	Leave Location Feb/03/2015	Collar Type Float		Tail Pipe Depth ft		
			Collar Depth 11891.7 ft		Sqz. Total Vol. bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
02/04/2015	00:38:49	-1	1.6	8.40	0.2	Started Acquisition	
02/04/2015	00:38:52	-1	1.8	8.40	0.3	Start Job	
02/04/2015	00:40:10	-0	5.8	8.40	4.5	Fill Pump Lines	
02/04/2015	00:43:50	-3542	0.0	8.40	8.4		
02/04/2015	00:46:41	2613	0.0	8.40	8.4	Pressure Test Lines (Low)	
02/04/2015	00:48:51	5306	0.0	8.40	8.4		
02/04/2015	00:49:13	5286	0.0	8.40	8.4	Pressure Test Lines (High)	
02/04/2015	00:50:17	5260	0.0	8.40	8.4	Reset Total, Vol = 8.70 bbl	
02/04/2015	00:53:52	13	0.0	8.40	8.4		
02/04/2015	00:58:53	246	0.0	8.40	8.4		
02/04/2015	01:00:20	866	2.3	12.33	8.9	Start Pumping MUDPUSHII	
02/04/2015	01:03:54	1410	6.1	12.54	29.7		
02/04/2015	01:05:58	766	4.3	12.56	38.4	Good Returns	
02/04/2015	01:08:11	300	1.0	12.61	44.1	End MUDPUSHII	
02/04/2015	01:08:14	314	1.0	12.68	44.1	Reset Total, Vol = 40.63 bbl	
02/04/2015	01:08:55	607	2.3	13.26	45.0		
02/04/2015	01:12:04	1492	5.9	13.51	62.2	Start Cement Slurry	
02/04/2015	01:13:21	1467	5.9	13.55	69.8	Wet Dry Samples Taken	
02/04/2015	01:13:56	1455	5.9	13.56	73.3		
02/04/2015	01:18:57	1625	6.8	13.55	105.4		
02/04/2015	01:23:58	1442	6.9	13.56	140.1		

Well			Field		Job Start	Customer	Job Number
Minch 3B-4H 3B-4H			DJ		Feb/03/2015	Encana	D8FO-00080
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
02/04/2015	01:28:59	714	6.2	13.40	168.0		
02/04/2015	01:30:04	35	0.0	0.22	173.9	End Cement Slurry	
02/04/2015	01:30:05	30	0.0	0.22	173.9	Cement Total SKS Pumped = 417 sks 13.5 ppg Slurry	
02/04/2015	01:31:38	25	0.2	13.58	174.2	Reset Total, Vol = 125.00 bbl	
02/04/2015	01:33:26	25	0.0	0.02	175.6	Wash Pump Lines	
02/04/2015	01:34:00	25	0.0	11.08	175.6		
02/04/2015	01:39:01	243	5.9	8.95	185.4		
02/04/2015	01:42:07	4	0.0	8.02	199.2	Reset Total, Vol = 25.01 bbl	
02/04/2015	01:44:02	11	0.0	8.41	199.2		
02/04/2015	01:44:27	11	0.0	8.51	199.2	Drop Dart	
02/04/2015	01:44:28	11	0.0	8.55	199.2	Start Displacement	
02/04/2015	01:49:03	1103	6.0	8.46	222.8		
02/04/2015	01:49:55	1131	6.0	8.42	227.9	Good Returns	
02/04/2015	01:54:04	1420	5.9	8.42	252.6		
02/04/2015	01:59:05	1885	5.9	8.41	282.5		
02/04/2015	02:02:47	2192	5.9	8.41	304.5	Good Returns	
02/04/2015	02:04:06	2319	5.9	8.42	312.3		
02/04/2015	02:05:58	2243	4.2	8.42	323.3	Slow Rate to 5 BPM	
02/04/2015	02:07:16	2022	3.9	8.42	330.0	Slow Rate to 4 BPM	
02/04/2015	02:09:07	2034	3.9	8.41	337.2		
02/04/2015	02:09:40	2025	3.9	8.42	339.4	Good Returns	
02/04/2015	02:14:08	2162	3.9	8.42	356.5		
02/04/2015	02:19:09	2075	2.3	8.42	372.6		
02/04/2015	02:24:10	2113	2.3	8.42	384.6		
02/04/2015	02:25:29	2781	0.0	8.40	386.8	Bump Dart	
02/04/2015	02:25:30	2801	0.0	8.40	386.8	End Displacement	
02/04/2015	02:25:31	2838	0.0	8.40	386.8	Reset Total, Vol = 177.62 bbl	
02/04/2015	02:25:33	2879	0.0	8.40	386.8	Hold For 5 mins	
02/04/2015	02:29:11	2932	0.0	8.40	386.8		
02/04/2015	02:31:52	17	0.0	8.40	386.8	Check Float it Held 2 bbls Back	
02/04/2015	02:34:12	18	0.0	8.40	386.8		

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 5.0	N2	Mud 4.2	Maximum Rate 7.0		Total Slurry 125.6	Mud 40.9	Spacer 8.7	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 5309	Final 17	Average 1444	Bump Plug to 3334	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 121.0 bbl		Displacement 177.6 bbl	Mix Water Temp 65 degF	Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl
						Washed Thru Perfs <input type="checkbox"/>		To ft
Customer or Authorized Representative Roy Hunt			Schlumberger Supervisor Wayne Silvester/Paul Kroeger			Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
						-		-