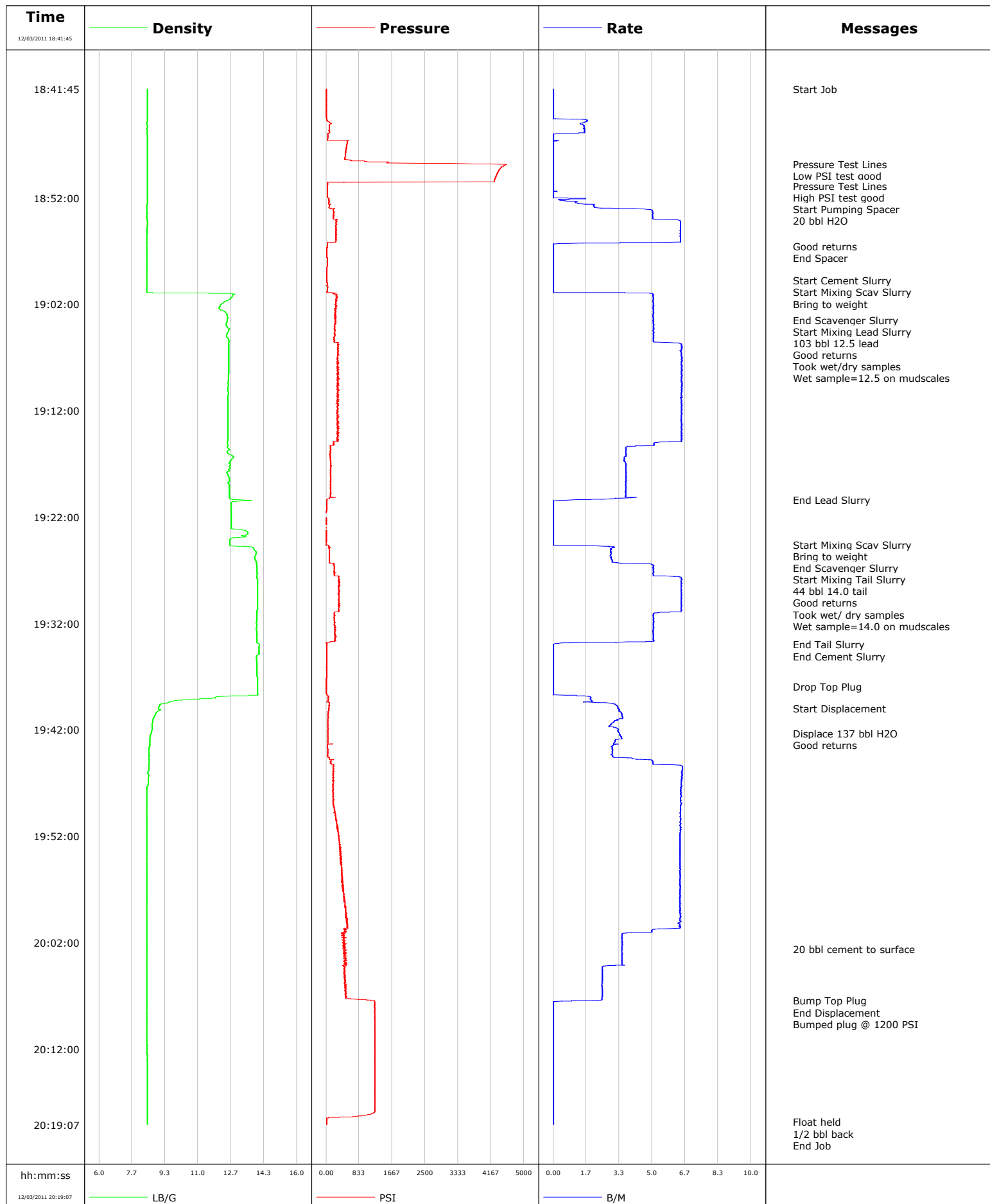


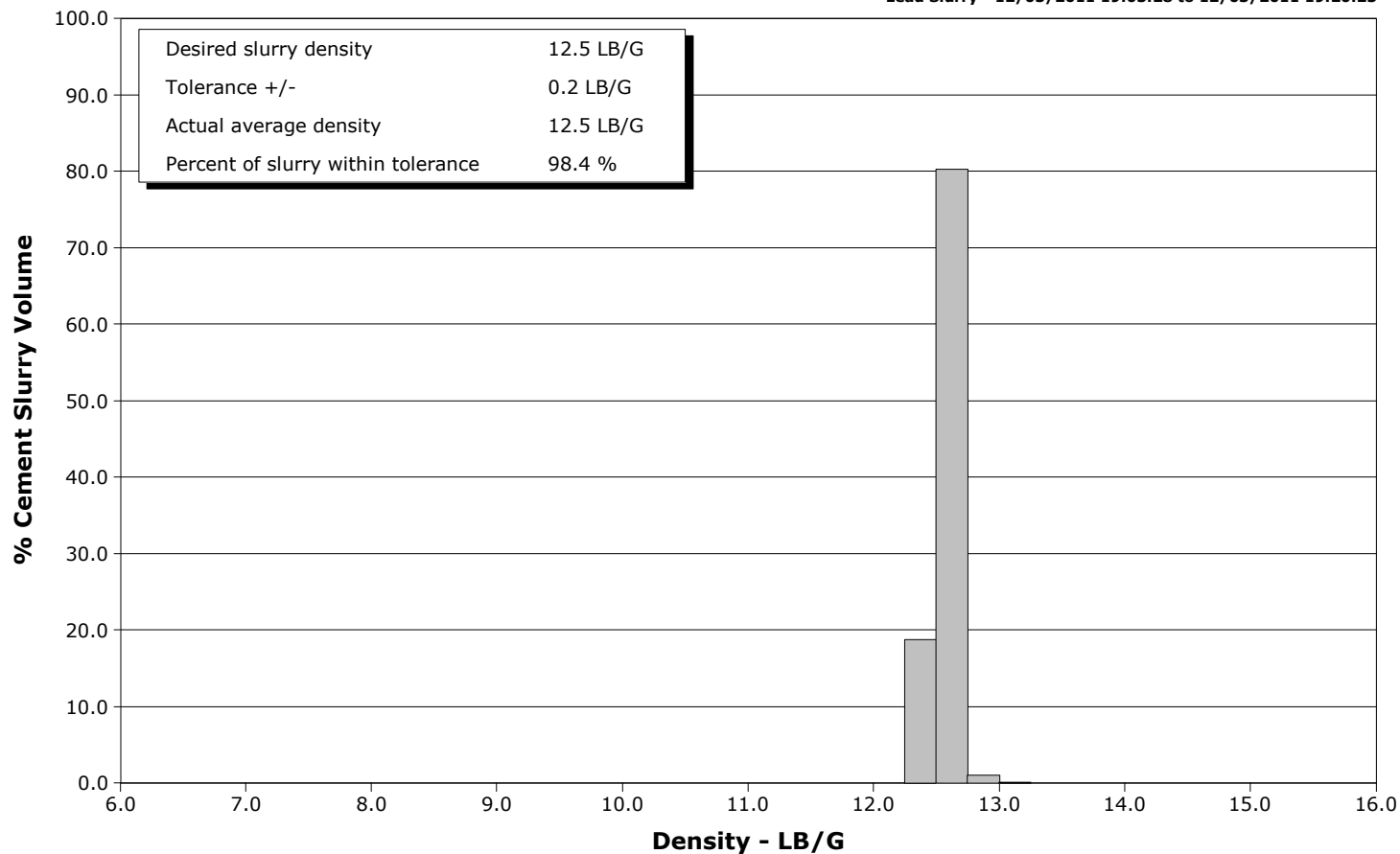
Well	EF08D-34	Client	Encana
Field	N. Parachute	SIR No.	BUNM-00481
Engineer	Matt Fair/T. Willardson	Job Type	9 5/8" Surface
Country	United States	Job Date	12-03-2011



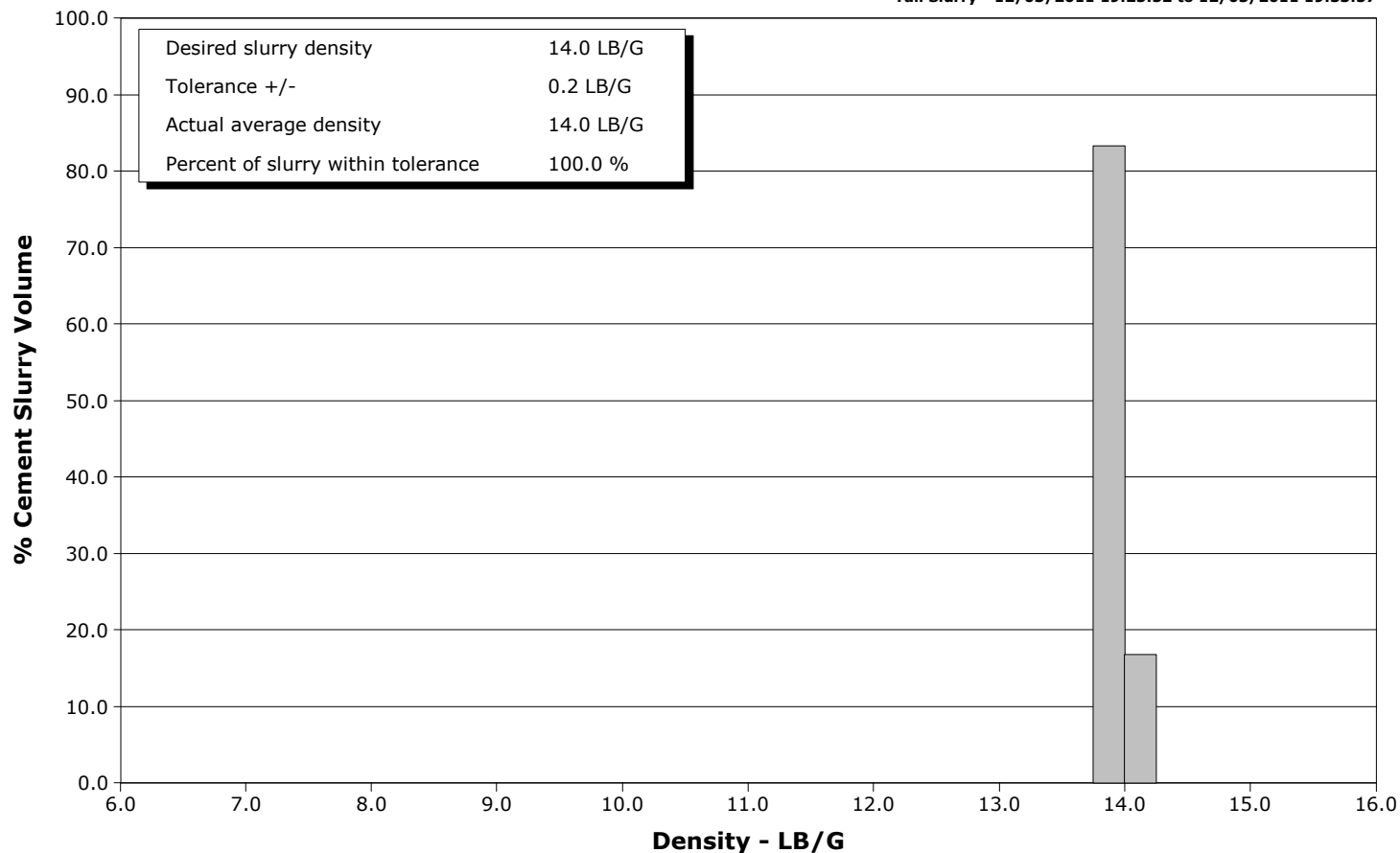
Well EF08D-34
Field N. Parachute
Engineer Matt Fair/T. Willardson
Country United States

Client Encana
SIR No. BUNM-00481
Job Type 9 5/8" Surface
Job Date 12-03-2011

Lead Slurry - 12/03/2011 19:03:28 to 12/03/2011 19:20:23



Tail Slurry - 12/03/2011 19:25:52 to 12/03/2011 19:33:57



				Customer Encana			Job Number BUNM-00481				
Well EF08D-34			Location (legal)			Schlumberger Location			Job Start Dec/03/2011		
Field N. Parachute		Formation Name/Type Shale		Deviation deg		Bit Size 12.3 in		Well MD 1822.0 ft		Well TVD 1822.0 ft	
County Garfield		State/Province Colorado		BHP psi		BHST 100 degF		BHCT 87 degF		Pore Press. Gradient lb/gal	
Well Master 0631244184		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	
						1822.0		9.6		36.0	
										N/A	
										J55	
										BUTT	
Drilling Fluid Type Bentonite		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe					
						T/D		Depth, ft		Size, in	
										Weight, lb/ft	
										Grade	
										Thread	
Service Line Cementing		Job Type 9 5/8" Surface									
Max. Allowed Tub. Press 3520 psi		Max. Allowed Ann. Press 2030 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			
						Treat Down Casing		Displacement 137.0 bbl		Packer Type	
										Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 141.0 bbl		Annular Vol. 111.0 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 901 psi						Shoe Type Float				Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 1822.0 ft				Tool Type	
No. Centralizers		Top Plugs 1		Bottom Plugs 0		Stage Tool Type				Tool Depth ft	
Cement Head Type Single						Stage Tool Depth ft				Tail Pipe Size in	
Job Scheduled For Dec/03/2011 14:00		Arrived on Location Dec/03/2011 14:00		Leave Location Dec/03/2011 22:00		Collar Type Float				Tail Pipe Depth ft	
						Collar Depth 1777.0 ft				Sqz. Total Vol. bbl	
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message						
12/03/2011	18:41:45	8.43	11	0.0	Started Acquisition						
12/03/2011	18:41:47	8.43	12	0.0	Start Job						
12/03/2011	18:43:25	8.43	12	0.0							
12/03/2011	18:45:05	8.43	90	1.5							
12/03/2011	18:46:45	8.43	533	0.0							
12/03/2011	18:48:25	8.43	630	0.0							
12/03/2011	18:48:48	8.43	4151	0.0	Pressure Test Lines						
12/03/2011	18:48:49	8.43	4151	0.0	Low PSI test good						
12/03/2011	18:50:05	8.43	4278	0.0							
12/03/2011	18:50:50	8.43	35	0.0	Pressure Test Lines						
12/03/2011	18:50:51	8.43	36	0.0	High PSI test good						
12/03/2011	18:51:45	8.43	34	0.0							
12/03/2011	18:52:01	8.43	67	0.7	Start Pumping Spacer						
12/03/2011	18:52:04	8.43	68	1.7	20 bbl H2O						
12/03/2011	18:53:25	8.43	188	5.0							
12/03/2011	18:55:05	8.43	258	6.4							
12/03/2011	18:56:32	8.43	26	0.0	Good returns						
12/03/2011	18:56:45	8.43	24	0.0							
12/03/2011	18:56:47	8.43	24	0.0	End Spacer						
12/03/2011	18:58:25	8.42	28	0.0							
12/03/2011	18:59:46	8.42	16	0.0	Start Cement Slurry						

Well EF08D-34			Field N. Parachute	Job Start Dec/03/2011	Customer Encana	Job Number BUNM-00481
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message	
12/03/2011	18:59:49	8.42	16	0.0	Bring to weight	
12/03/2011	19:00:05	8.42	25	0.0		
12/03/2011	19:01:45	12.36	239	5.0		
12/03/2011	19:03:25	12.49	255	5.1		
12/03/2011	19:03:27	12.49	224	5.1	End Scavenger Slurry	
12/03/2011	19:03:28	12.49	242	5.1	Start Mixing Lead Slurry	
12/03/2011	19:03:30	12.49	235	5.1	103 bbl 12.5 lead	
12/03/2011	19:03:41	12.45	239	5.1	Good returns	
12/03/2011	19:03:50	12.41	238	5.1	Took wet/dry samples	
12/03/2011	19:05:05	12.45	191	5.1		
12/03/2011	19:06:45	12.57	292	6.5		
12/03/2011	19:08:25	12.55	315	6.5		
12/03/2011	19:10:05	12.51	278	6.5		
12/03/2011	19:11:45	12.50	283	6.5		
12/03/2011	19:13:25	12.50	293	6.5		
12/03/2011	19:15:05	12.49	179	5.1		
12/03/2011	19:16:45	12.63	119	3.6		
12/03/2011	19:18:25	12.57	111	3.7		
12/03/2011	19:20:05	12.58	121	3.6		
12/03/2011	19:20:23	13.00	15	1.2	End Lead Slurry	
12/03/2011	19:21:45	12.67	-3	0.0		
12/03/2011	19:23:25	13.51	3	0.0		
12/03/2011	19:24:35	12.61	3	0.0	Start Mixing Scav Slurry	
12/03/2011	19:24:37	12.61	3	0.0	Bring to weight	
12/03/2011	19:25:05	13.84	78	2.9		
12/03/2011	19:25:51	13.85	79	2.9	End Scavenger Slurry	
12/03/2011	19:25:52	13.86	79	2.9	Start Mixing Tail Slurry	
12/03/2011	19:26:10	13.94	83	3.0	Good returns	
12/03/2011	19:26:22	13.96	183	4.2	Took wet/ dry samples	
12/03/2011	19:26:23	13.96	221	4.6	Wet sample=14.0 on mudscales	
12/03/2011	19:26:45	13.98	215	5.0		
12/03/2011	19:28:25	14.00	334	6.5		
12/03/2011	19:30:05	14.00	315	6.5		
12/03/2011	19:31:45	13.99	202	5.1		
12/03/2011	19:33:25	13.97	217	5.1		
12/03/2011	19:33:57	14.09	25	0.0	End Tail Slurry	
12/03/2011	19:33:58	14.10	24	0.0	End Cement Slurry	
12/03/2011	19:35:05	13.97	13	0.0		
12/03/2011	19:36:45	13.99	13	0.0		
12/03/2011	19:37:56	14.00	4	0.0	Drop Top Plug	
12/03/2011	19:38:25	14.01	4	0.0		
12/03/2011	19:39:58	9.00	67	3.3	Start Displacement	
12/03/2011	19:40:05	9.07	67	3.3		
12/03/2011	19:41:45	8.69	48	3.0		
12/03/2011	19:42:18	8.63	42	3.3	Displace 137 bbl H2O	
12/03/2011	19:42:41	8.58	43	3.4	Good returns	
12/03/2011	19:43:25	8.56	35	3.1		
12/03/2011	19:45:05	8.52	122	5.1		
12/03/2011	19:46:45	8.49	197	6.5		
12/03/2011	19:48:25	8.42	189	6.4		
12/03/2011	19:50:05	8.43	241	6.4		
12/03/2011	19:51:45	8.42	306	6.4		
12/03/2011	19:53:25	8.42	341	6.4		
12/03/2011	19:55:05	8.42	403	6.4		

Well			Field	Job Start	Customer	Job Number
EF08D-34			N. Parachute	Dec/03/2011	Encana	BUNM-00481
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message	
12/03/2011	19:58:25	8.42	473	6.4		
12/03/2011	20:00:05	8.42	521	6.4		
12/03/2011	20:01:45	8.42	401	3.5		
12/03/2011	20:02:38	8.42	446	3.5	20 bbl cement to surface	
12/03/2011	20:03:25	8.42	476	3.5		
12/03/2011	20:05:05	8.42	491	2.5		
12/03/2011	20:06:45	8.42	480	2.5		
12/03/2011	20:07:28	8.42	1215	0.9	Bump Top Plug	
12/03/2011	20:07:29	8.42	1215	0.9	End Displacement	
12/03/2011	20:08:25	8.42	1226	0.0		
12/03/2011	20:10:05	8.43	1228	0.0		
12/03/2011	20:11:45	8.43	1229	0.0		
12/03/2011	20:13:25	8.43	1230	0.0		
12/03/2011	20:15:05	8.43	1231	0.0		
12/03/2011	20:16:45	8.43	1232	0.0		
12/03/2011	20:18:25	8.43	332	0.0		
12/03/2011	20:18:52	8.43	17	0.0	Float held	

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 5.0	N2	Mud	Maximum Rate 6.5		Total Slurry 147.0	Mud 0.0	Spacer 20.8	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 4547	Final 16	Average 404	Bump Plug to 1000	Breakdown	Type	Volume bbl		Density lb/gal
Avg. N2 Percent %		Designed Slurry Volume 147.0 bbl		Displacement 135.6 bbl	Mix Water Temp 51 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 20.0 bbl
						Washed Thru Perfs <input type="checkbox"/>		To ft
Customer or Authorized Representative Cody Huseby				Schlumberger Supervisor Matt Fair/T. Willardson		Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
						-		-



Service Quality Evaluation

Client:	Encana
Field:	N. Parachute
Rig:	Patterson 303
Well:	EF08D-34
Service Line:	Cementing
Job Type:	9 5/8" Surface

Service Order #:	
Date:	Dec/03/2011
Operating Time (hh:mm):	00:00
Client Rep:	Cody Huseby
Schlumberger Engineer:	Matt Fair/T. Willardson
Schlumberger FSM:	

Main Objective:

To be completed by Company Rep. Please answer Y (Yes) or N (No) and add any comments below.

		Score	Yes / No		Result
1	HSE				
1a	Free of lost time injury and compliance with SLB and loc. spec. HSE practice	5	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
1b	Free of environmental spill or non-compliant discharge	5	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
1c	Wellsite left clean	4	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
Sub-total					0%

2	Design / Preparation				
2a	Program incl. job simulation (CemCADE) & pump schedule / tool hydraulic calcs	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
2b	Equipment maintenance schedule completed / Green tagged	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
2c	All materials and equipment required for job/contingency checked & on location	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
2d	Safety / pre-job meeting conducted with all involved present	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
Sub-total					0%

3	Execution				
3a	Lost time < 30 mins	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3b	Equipment pressure tested succesfully	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3c	All key parameters monitored and recorded accurately (Pressure, Rate, Density)	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3d	Plugs / darts released and tested succesfully	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3e	Density variation met expectations	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3f	Personnel performed as per expectations	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3g	Equipment performed as per expectations	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3h	Job pumped as per design	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3i	Did job start on time	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3j	Free of Operational failures (screen out, Cementing Example, etc.)	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
Sub-total					0%

4	Evaluation				
4a	Main job objective achieved with no consequential non-productive time	10	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
Sub-total					0%

Total 0%

Comments: (Please include a brief explanation for a "NO" response and summarize any innovations attempted on this well.)

Client:	Schlumberger:
Client Signature:	Schlumberger Signature: