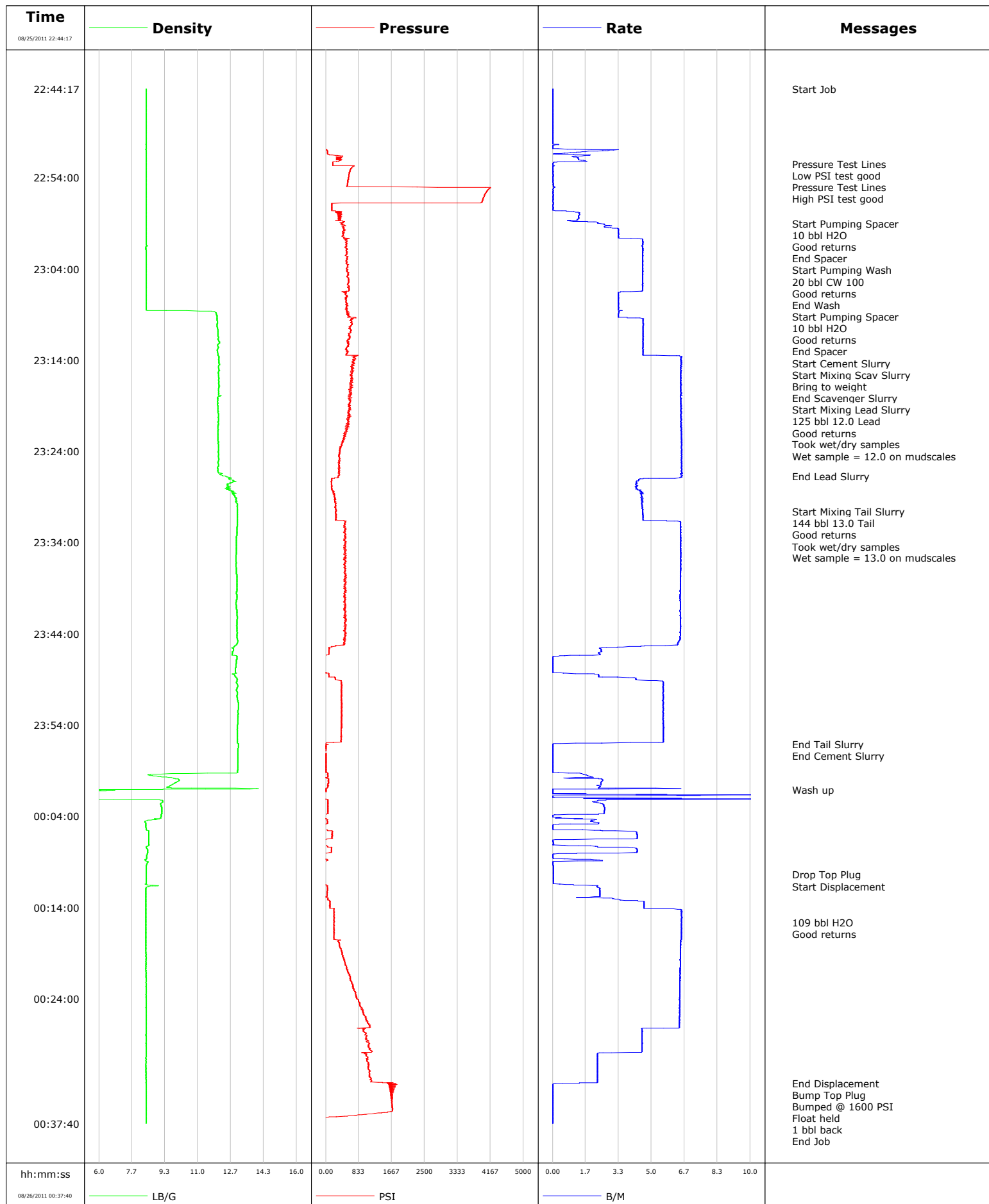


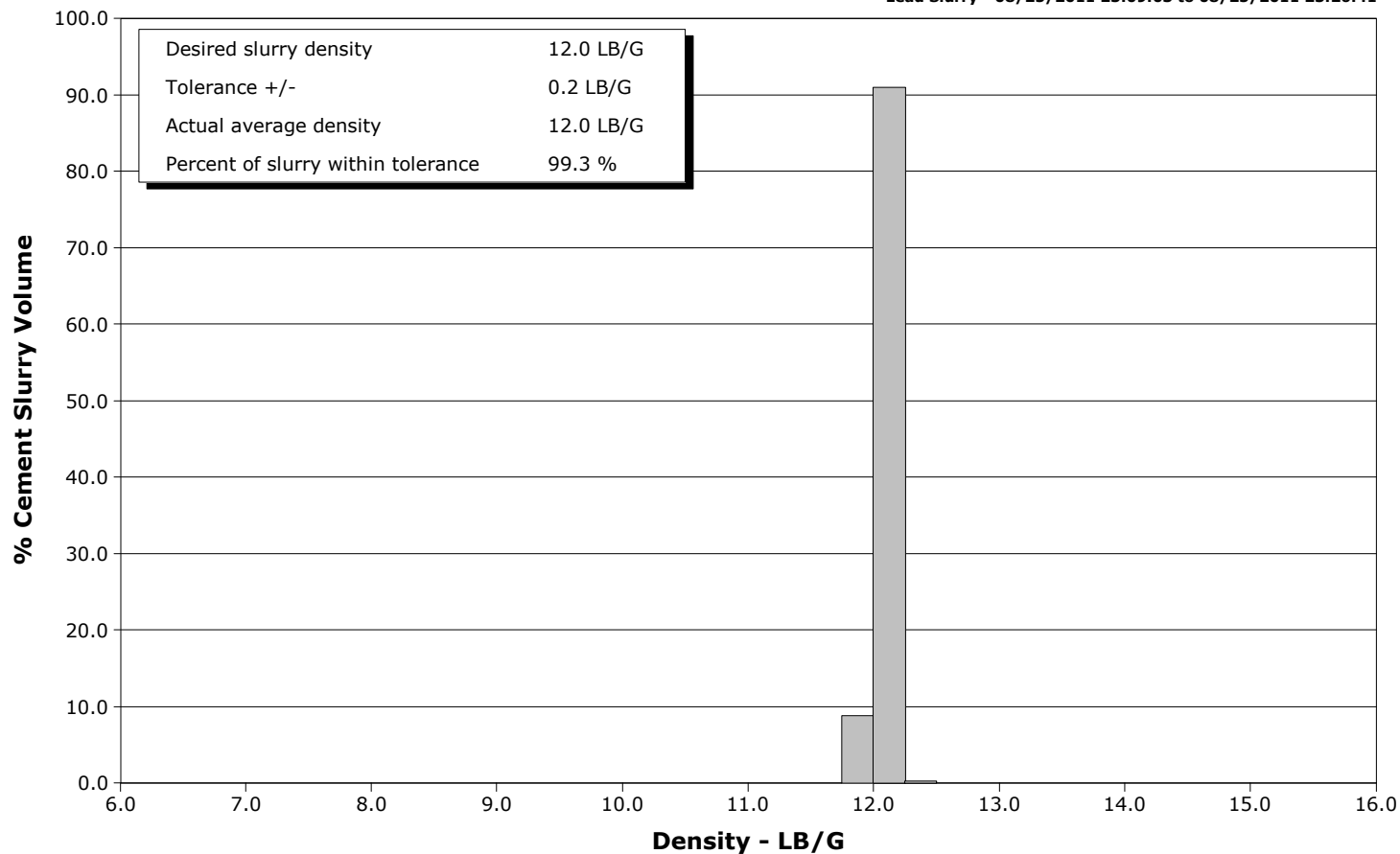
Well	Daybreak Federal 19-2	Client	Encana
Field	Parachute	SIR No.	BUS5-00016
Engineer	Matt Fair/ Jordan Moreland	Job Type	4 1/2 Production
Country	United States	Job Date	08-25-2011



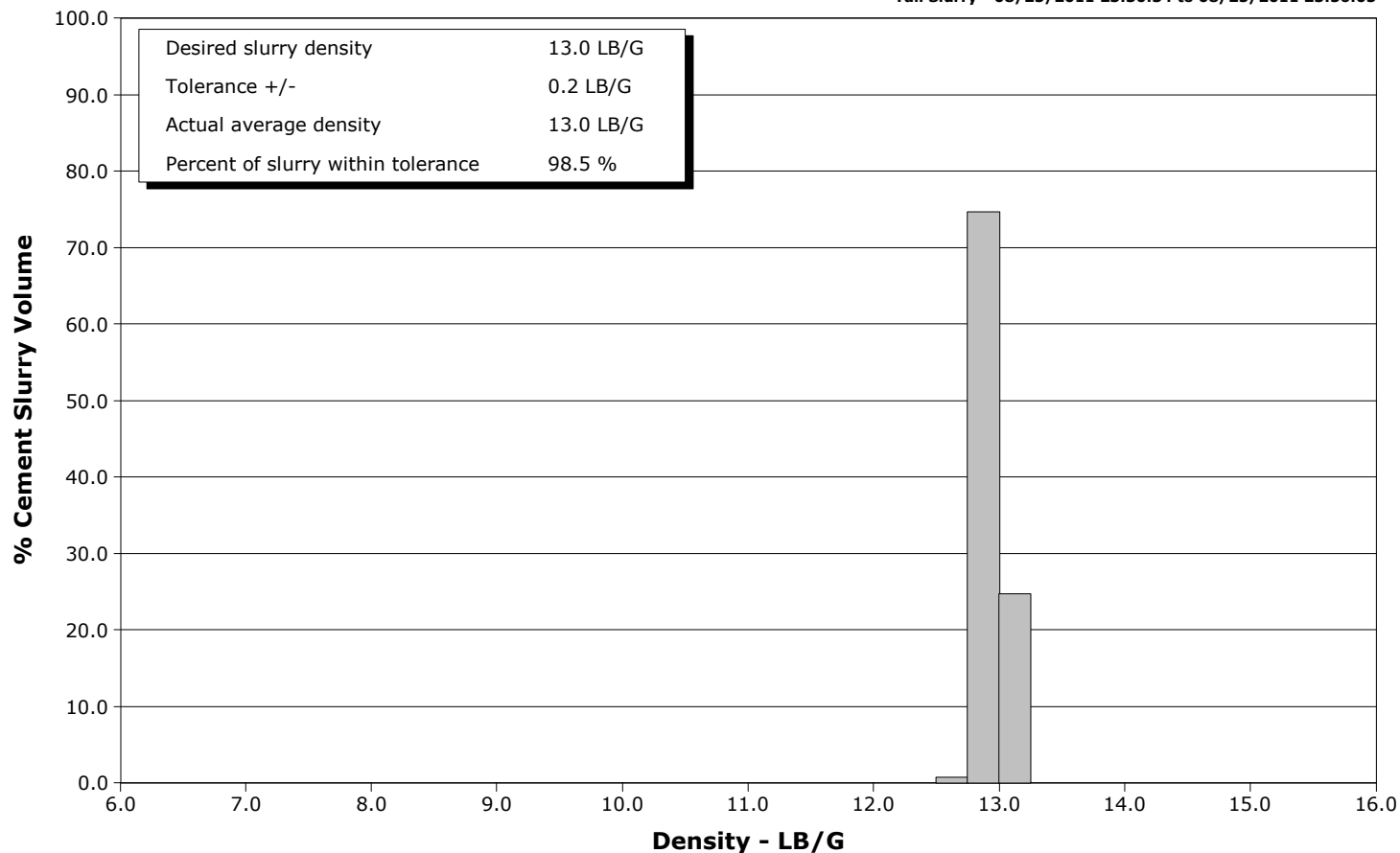
Well Daybreak Federal 19-2
Field Parachute
Engineer Matt Fair/ Jordan Moreland
Country United States

Client Encana
SIR No. BUS5-00016
Job Type 4 1/2 Production
Job Date 08-25-2011

Lead Slurry - 08/25/2011 23:09:03 to 08/25/2011 23:26:41



Tail Slurry - 08/25/2011 23:30:34 to 08/25/2011 23:56:05



				Customer Encana			Job Number BUS5-00016				
Well Daybreak Federal 19-2			Location (legal)			Schlumberger Location			Job Start Aug/25/2011		
Field Parachute		Formation Name/Type Shale		Deviation deg		Bit Size 8.8 in		Well MD 7073.0 ft		Well TVD 7073.0 ft	
County Garfield		State/Province Colorado		BHP psi		BHST 175 degF		BHCT 121 degF		Pore Press. Gradient lb/gal	
Well Master 0631209442		API/UWI									
Rig Name Nabors M15		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		1213.0		9.6		36.0	
						7073.0		4.5		11.6	
										N80	
										8RD	
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 4 1/2 Production									
Max. Allowed Tub. Press 7780 psi		Max. Allowed Ann. Press 6350 psi		WH Connection 4 1/2		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 109.0 bbl		Packer Type	
										Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 110.0 bbl		Annular Vol. 220.0 bbl	
										Openhole Vol. 504.0 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 5159 psi						Shoe Type Float			Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 7073.0 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 Aug/25/2011 21:00		Arrived on Location Aug/25/2011 21:00		Leave Location Aug/25/2011 02:00		Collar Type Float			Tail Pipe Depth ft		
						Collar Depth 7032.0 ft			Sqz. Total Vol. bbl		
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message						
08/25/2011	22:44:17	8.38	-5	0.0	Started Acquisition						
08/25/2011	22:44:20	8.38	-4	0.0	Start Job						
08/25/2011	22:45:57	8.38	-4	0.0							
08/25/2011	22:47:37	8.38	-4	0.0							
08/25/2011	22:49:17	8.38	-3	0.0							
08/25/2011	22:50:57	8.38	21	2.8							
08/25/2011	22:52:28	8.39	180	0.0	Pressure Test Lines						
08/25/2011	22:52:29	8.39	180	0.0	Low PSI test good						
08/25/2011	22:52:37	8.39	178	0.0							
08/25/2011	22:54:17	8.39	563	0.0							
08/25/2011	22:54:30	8.39	555	0.0	Pressure Test Lines						
08/25/2011	22:54:31	8.39	555	0.0	High PSI test good						
08/25/2011	22:55:57	8.39	4013	0.0							
08/25/2011	22:57:37	8.39	158	0.0							
08/25/2011	22:59:03	8.39	388	2.3	Start Pumping Spacer						
08/25/2011	22:59:04	8.39	434	2.6	10 bbl H2O						
08/25/2011	22:59:05	8.39	427	2.6	Good returns						
08/25/2011	22:59:17	8.38	439	3.0							
08/25/2011	23:00:08	8.38	429	3.3	End Spacer						
08/25/2011	23:00:57	8.38	520	4.6							
08/25/2011	23:01:39	8.36	508	4.6	Start Pumping Wash						

Well Daybreak Federal 19-2			Field Parachute	Job Start Aug/25/2011	Customer Encana	Job Number BUS5-00016
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message	
08/25/2011	23:03:02	8.39	539	4.6	20 bbl CW 100	
08/25/2011	23:04:17	8.39	539	4.6		
08/25/2011	23:05:57	8.38	583	4.6		
08/25/2011	23:06:13	8.38	587	4.6	End Wash	
08/25/2011	23:06:14	8.38	599	4.5	Start Pumping Spacer	
08/25/2011	23:06:16	8.38	579	4.6	10 bbl H2O	
08/25/2011	23:06:41	8.38	532	3.3	Good returns	
08/25/2011	23:07:37	8.38	514	3.3		
08/25/2011	23:08:27	8.38	502	3.3	End Spacer	
08/25/2011	23:08:30	8.38	532	3.3	Start Cement Slurry	
08/25/2011	23:08:31	8.38	554	3.3	Start Mixing Scav Slurry	
08/25/2011	23:08:33	8.38	536	3.3	Bring to weight	
08/25/2011	23:09:02	11.94	560	3.3	End Scavenger Slurry	
08/25/2011	23:09:03	11.94	582	3.3	Start Mixing Lead Slurry	
08/25/2011	23:09:05	11.95	563	3.3	125 bbl 12.0 Lead	
08/25/2011	23:09:17	11.96	605	3.3		
08/25/2011	23:10:57	12.01	624	4.6		
08/25/2011	23:11:23	12.02	597	4.6	Took wet/dry samples	
08/25/2011	23:11:24	12.02	619	4.6	Wet sample = 12.0 on mudscales	
08/25/2011	23:12:37	12.04	536	4.6		
08/25/2011	23:14:17	12.07	680	6.5		
08/25/2011	23:15:57	12.06	648	6.5		
08/25/2011	23:17:37	12.05	599	6.5		
08/25/2011	23:19:17	12.02	601	6.5		
08/25/2011	23:20:57	12.04	589	6.5		
08/25/2011	23:22:37	12.01	439	6.5		
08/25/2011	23:24:17	12.05	352	6.5		
08/25/2011	23:25:57	12.02	332	6.5		
08/25/2011	23:26:41	12.27	331	6.5	End Lead Slurry	
08/25/2011	23:27:37	12.48	155	4.2		
08/25/2011	23:29:17	12.92	237	4.5		
08/25/2011	23:30:34	13.00	262	4.5	Start Mixing Tail Slurry	
08/25/2011	23:30:37	13.00	243	4.5	144 bbl 13.0 Tail	
08/25/2011	23:30:38	13.00	258	4.6	Good returns	
08/25/2011	23:30:56	13.00	262	4.6	Took wet/dry samples	
08/25/2011	23:30:57	13.00	250	4.6		
08/25/2011	23:32:37	12.97	505	6.5		
08/25/2011	23:34:17	12.95	490	6.5		
08/25/2011	23:35:57	12.93	492	6.5		
08/25/2011	23:37:37	12.96	511	6.5		
08/25/2011	23:39:17	12.97	522	6.5		
08/25/2011	23:40:57	12.95	512	6.5		
08/25/2011	23:42:37	12.97	483	6.5		
08/25/2011	23:44:17	12.98	481	6.5		
08/25/2011	23:45:57	12.76	83	2.5		
08/25/2011	23:47:37	12.92	-0	0.0		
08/25/2011	23:49:17	12.96	394	5.6		
08/25/2011	23:50:57	12.98	395	5.6		
08/25/2011	23:52:37	13.03	402	5.6		
08/25/2011	23:54:17	13.00	411	5.6		
08/25/2011	23:55:57	13.00	36	3.9		
08/25/2011	23:56:05	13.05	2	0.0	End Tail Slurry	
08/25/2011	23:56:08	13.05	1	0.0	End Cement Slurry	
08/25/2011	23:57:37	13.02	4	0.0		

Well			Field	Job Start		Customer	Job Number
Daybreak Federal 19-2			Parachute	Aug/25/2011		Encana	BUS5-00016
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M		Message	
08/26/2011	00:00:57	12.90	2	5.2			
08/26/2011	00:01:06	5.27	5	0.0		Wash up	
08/26/2011	00:02:37	9.12	56	2.5			
08/26/2011	00:04:17	8.84	1	1.2			
08/26/2011	00:05:57	8.51	166	4.3			
08/26/2011	00:07:37	8.45	142	4.3			
08/26/2011	00:09:17	8.41	-12	0.0			
08/26/2011	00:10:24	8.39	-13	0.0		Drop Top Plug	
08/26/2011	00:10:25	8.39	-13	0.0		Start Displacement	
08/26/2011	00:10:57	8.38	-13	0.0			
08/26/2011	00:12:37	8.37	32	2.4			
08/26/2011	00:14:17	8.37	209	6.5			
08/26/2011	00:15:40	8.37	209	6.5		109 bbl H2O	
08/26/2011	00:15:50	8.37	208	6.5		Good returns	
08/26/2011	00:15:57	8.37	212	6.5			
08/26/2011	00:17:37	8.38	321	6.5			
08/26/2011	00:19:17	8.38	438	6.5			
08/26/2011	00:20:57	8.38	557	6.5			
08/26/2011	00:22:37	8.38	692	6.4			
08/26/2011	00:24:17	8.38	842	6.4			
08/26/2011	00:25:57	8.38	995	6.4			
08/26/2011	00:27:37	8.38	953	4.5			
08/26/2011	00:29:17	8.38	1074	4.5			
08/26/2011	00:30:57	8.38	1074	2.3			
08/26/2011	00:32:37	8.38	1113	2.3			
08/26/2011	00:33:16	8.38	1778	1.4		End Displacement	
08/26/2011	00:33:19	8.38	1644	0.1		Bump Top Plug	
08/26/2011	00:33:21	8.38	1580	0.0		Bumped @ 1600 PSI	
08/26/2011	00:34:17	8.38	1677	0.0			
08/26/2011	00:35:57	8.38	1685	0.0			
08/26/2011	00:37:02	8.38	-4	0.0		Float held	
08/26/2011	00:37:19	8.38	-5	0.0		1 bbl back	
08/26/2011	00:37:37	8.38	-4	0.0			

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 4.0	N2	Mud	Maximum Rate 25.0	Total Slurry 168.0	Mud 0.0	Spacer 20.2	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 4171	Final -5	Average 564	Bump Plug to 1500	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 169.0 bbl		Displacement 108.4 bbl	Mix Water Temp 78 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl	
						Washed Thru Perfs <input type="checkbox"/>	To ft	
Customer or Authorized Representative Richard Mitchell			Schlumberger Supervisor Matt Fair/ Jordan Moreland			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
						-	-	



Service Quality Evaluation

Client:	Encana
Field:	Parachute
Rig:	Nabors M15
Well:	Daybreak Federal 19-2
Service Line:	Cementing
Job Type:	4 1/2 Production

Service Order #:	
Date:	Aug/25/2011
Operating Time (hh:mm):	00:00
Client Rep:	Richard Mitchell
Schlumberger Engineer:	Matt Fair/ Jordan Moreland
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 checked="" type="checkbox"/>	no <input type="checkbox"/>	5
1b	Free of environmental spill or non-compliant discharge	5	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	5
1c	Wellsite left clean	4	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	4
Sub-total					100%

2	Design / Preparation				
2a	Program incl. job simulation (CemCADE) & pump schedule / tool hydraulic calcs	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
2b	Equipment maintenance schedule completed / Green tagged	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
2c	All materials and equipment required for job/contingency checked & on location	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
2d	Safety / pre-job meeting conducted with all involved present	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
Sub-total					100%

3	Execution				
3a	Lost time < 30 mins	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
3b	Equipment pressure tested succesfully	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
3c	All key parameters monitored and recorded accurately (Pressure, Rate, Density)	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3d	Plugs / darts released and tested succesfully	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3e	Density variation met expectations	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3f	Personnel performed as per expectations	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3g	Equipment performed as per expectations	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3h	Job pumped as per design	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
3i	Did job start on time	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3j	Free of Operational failures (screen out, Cementing Example, etc.)	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
Sub-total					100%

4	Evaluation				
4a	Main job objective achieved with no consequential non-productive time	10	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	10
Sub-total					100%

Total 100%

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

Client:	Schlumberger:
Client Signature:	Schlumberger Signature: