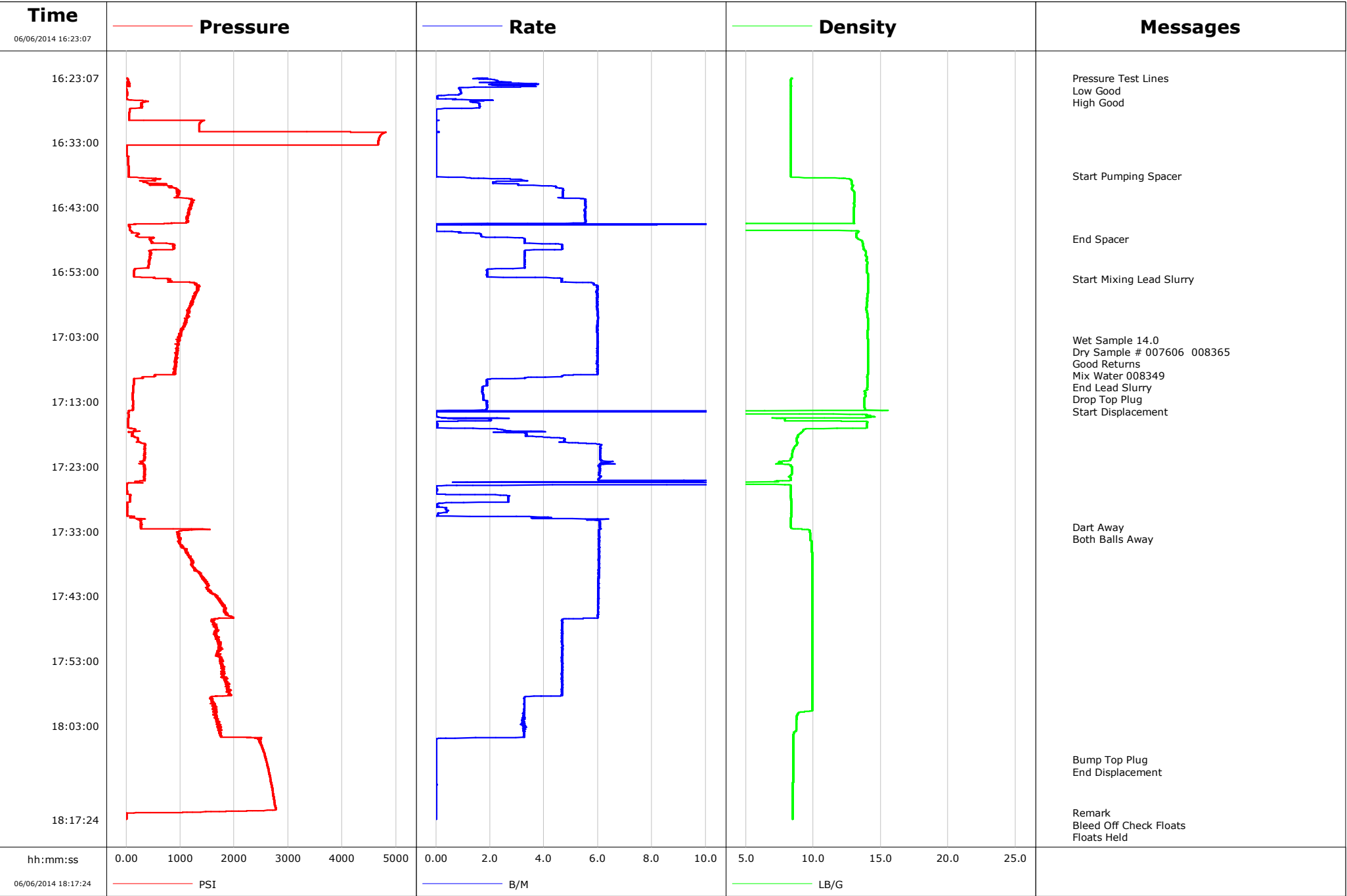


<b>Well</b>	2D-19H	<b>Client</b>	Encana
<b>Field</b>	DJ	<b>SIR No.</b>	COU5-00766
<b>Engineer</b>	Cole Fairbrook/ D Bracho	<b>Job Type</b>	Production
<b>Country</b>	United States	<b>Job Date</b>	06-06-2014



# Cementing Service Report

				Customer Encana			Job Number COU5-00766				
Well 2D-19H			Location (legal)		Schlumberger Location Rock Springs			Job Start Jun/06/2014			
Field DJ		Formation Name/Type		Deviation deg	Bit Size 6.1 in		Well MD 11473.0 ft		Well TVD ft		
County		State/Province CO		BHP psi	BHST 196 degF		BHCT 192 degF		Pore Press. Gradient lb/gal		
Well Master		API/UWI									
Rig Name Patterson 326	Drilled For Gas		Service Via Offshore	Casing/Liner							
				Depth, ft		Size, in	Weight, lb/ft		Grade	Thread	
Offshore Zone	Well Class New		Well Type Development			0.0	0.0				
						0.0	0.0				
Drilling Fluid Type		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 Production										
Max. Allowed Tub. Press psi	Max. Allowed Ann. Press psi		WH Connection Single Cement head	Perforations/Open Hole							
				Top, ft		Bottom, ft		shot/ft		No. of Shots	Total Interval ft
Service Instructions 40 bbl Mud Push 120 bbl Slurry Yield 1.55 435 sks 171 bbl Dsp				ft		ft					
				ft		ft					
				ft		ft					
				Treat Down Casing		Displacement 171.0 bbl		Packer Type		Packer Depth ft	
				Tubing Vol. bbl		Casing Vol. 171.0 bbl		Annular Vol. 104.0 bbl		Openhole Vol. 391.0 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 9739 psi				Shoe Type Float			Squeeze Type				
Pipe Rotated <input checked="" type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 11473.0 ft			Tool Type				
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Type			Tool Depth ft				
Cement Head Type				Stage Tool Depth ft			Tail Pipe Size in				
Job Scheduled For Jun/06/2014		Arrived on Location Jun/06/2014		Leave Location Jun/06/2014		Collar Type Float		Tail Pipe Depth ft			
						Collar Depth 11470.0 ft		Sqz. Total Vol. bbl			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
06/06/2014	16:23:07	16	2.1	8.35	0.0	Started Acquisition					
06/06/2014	16:23:08	16	1.9	8.39	0.1	Pressure Test Lines					
06/06/2014	16:23:13	17	1.4	8.40	0.2	Low Good					
06/06/2014	16:23:14	16	1.4	8.40	0.2	High Good					
06/06/2014	16:28:07	57	0.0	8.34	7.0						
06/06/2014	16:33:07	4664	0.0	8.35	7.0						
06/06/2014	16:38:07	38	0.0	8.35	7.0						
06/06/2014	16:38:12	38	0.0	8.34	7.0	Start Pumping Spacer					
06/06/2014	16:43:07	1184	5.5	13.02	27.3						
06/06/2014	16:47:55	437	3.3	13.30	44.7	End Spacer					
06/06/2014	16:48:07	440	3.3	13.53	45.4						
06/06/2014	16:53:07	139	1.9	13.97	62.3						
06/06/2014	16:54:04	777	4.7	14.03	64.6	Start Mixing Lead Slurry					
06/06/2014	16:58:07	1196	6.0	13.98	88.0						
06/06/2014	17:03:07	971	6.0	14.02	117.9						
06/06/2014	17:03:27	973	6.0	14.03	119.9	Wet Sample 14.0					
06/06/2014	17:03:28	999	6.0	14.03	120.0	Dry Sample # 007606 008365					
06/06/2014	17:03:29	967	6.0	14.03	120.1	Good Returns					
06/06/2014	17:08:07	884	6.0	14.04	147.8						
06/06/2014	17:08:20	891	6.0	14.04	149.1	Mix Water 008349					
06/06/2014	17:09:59	141	1.9	14.00	155.8	End Lead Slurry					

Well			Field		Job Start	Customer	Job Number
2D-19H			DJ		Jun/06/2014	Encana	COU5-00766
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
06/06/2014	17:10:08	141	1.9	13.99	156.0	Start Displacement	
06/06/2014	17:13:07	124	1.9	13.78	161.3		
06/06/2014	17:18:07	112	3.4	8.91	170.9		
06/06/2014	17:23:07	341	6.0	8.42	199.1		
06/06/2014	17:28:07	70	2.7	8.35	224.6		
06/06/2014	17:32:20	258	6.1	8.35	235.3	Dart Away	
06/06/2014	17:32:21	272	6.1	8.35	235.4	Both Balls Away	
06/06/2014	17:33:07	938	6.0	9.74	240.0		
06/06/2014	17:38:07	1193	6.0	9.91	270.2		
06/06/2014	17:43:07	1674	6.0	9.91	300.3		
06/06/2014	17:48:07	1674	4.7	9.91	328.0		
06/06/2014	17:53:07	1774	4.7	9.91	351.4		
06/06/2014	17:58:07	1929	4.7	9.91	374.7		
06/06/2014	18:03:07	1750	3.3	8.73	391.4		
06/06/2014	18:08:07	2584	0.0	8.53	397.1		
06/06/2014	18:08:13	2587	0.0	8.53	397.1	Bump Top Plug	
06/06/2014	18:08:14	2587	0.0	8.53	397.1	End Displacement	
06/06/2014	18:13:07	2711	0.0	8.50	397.1		
06/06/2014	18:16:22	224	0.0	8.50	397.1	Remark	
06/06/2014	18:16:23	182	0.0	8.50	397.1	Rig Down	

### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl							
Slurry 4.4	N2	Mud	Maximum Rate 25.0		Total Slurry 397.1	Mud 0.0	Spacer 37.6	N2				
Treating Pressure Summary, psi					Breakdown Fluid							
Maximum 4812	Final 9	Average 1087	Bump Plug to 2000	Breakdown	Type	Volume bbl	Density lb/gal					
Avg. N2 Percent %	Designed Slurry Volume 0.0 bbl	Displacement 241.1 bbl	Mix Water Temp degF	Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl						
				Washed Thru Perfs <input type="checkbox"/>		To ft						
Customer or Authorized Representative Norm			Schlumberger Supervisor Cole Fairbrook/ D Bracho			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>					
						-	-					



<b>Service Order #:</b>	2
<b>Date:</b>	Jun/06/2014
<b>Operating Time (hh:mm):</b>	00:00
<b>Client Rep:</b>	Norm
<b>Schlumberger Engineer:</b>	Cole Fairbrook/ D Bracho
<b>Schlumberger FSM:</b>	

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

<b>4</b>	<b>Evaluation</b>					
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%

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

<b>Client:</b>	<b>Schlumberger:</b>
<b>Client Signature:</b>	<b>Schlumberger Signature:</b>