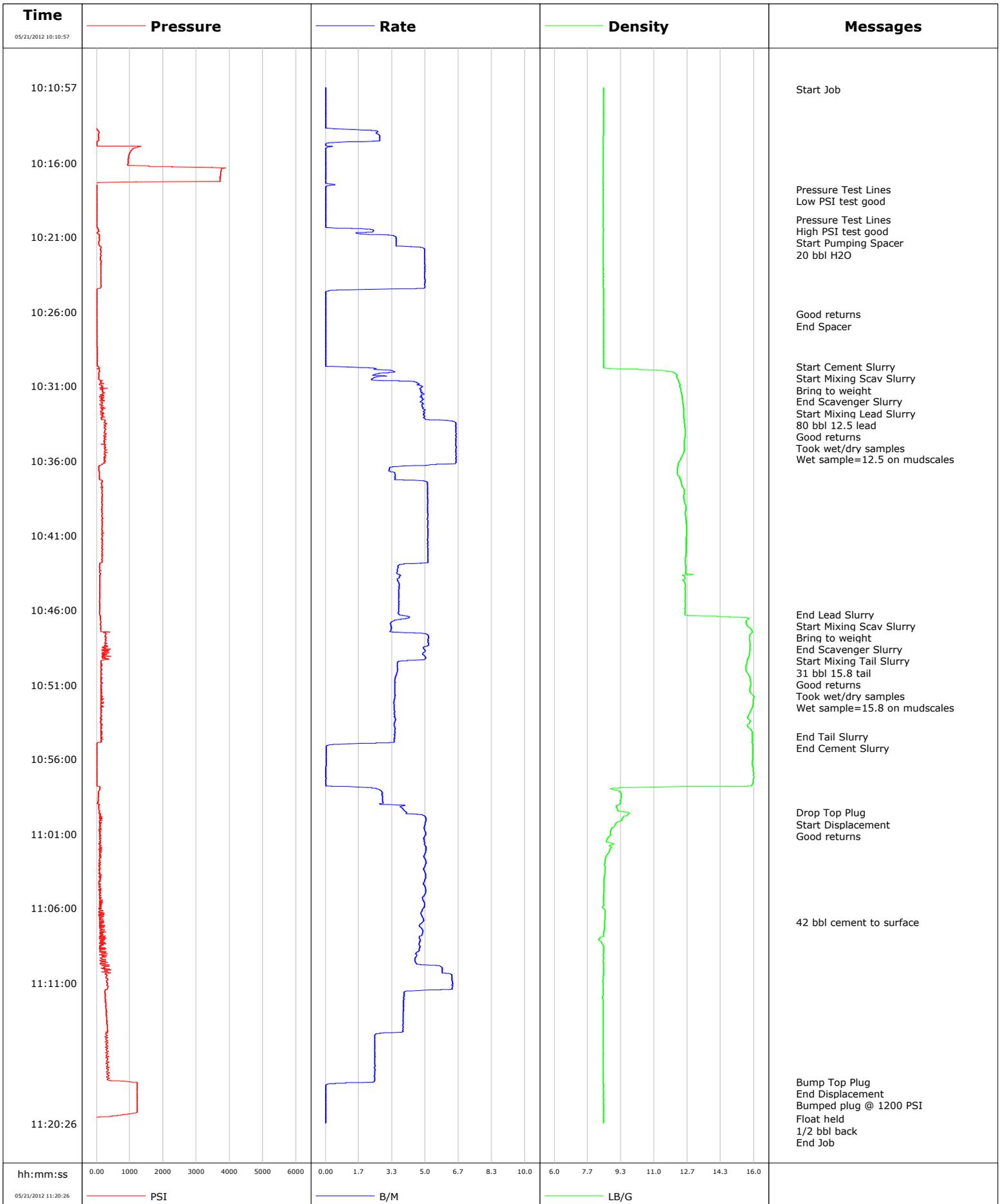


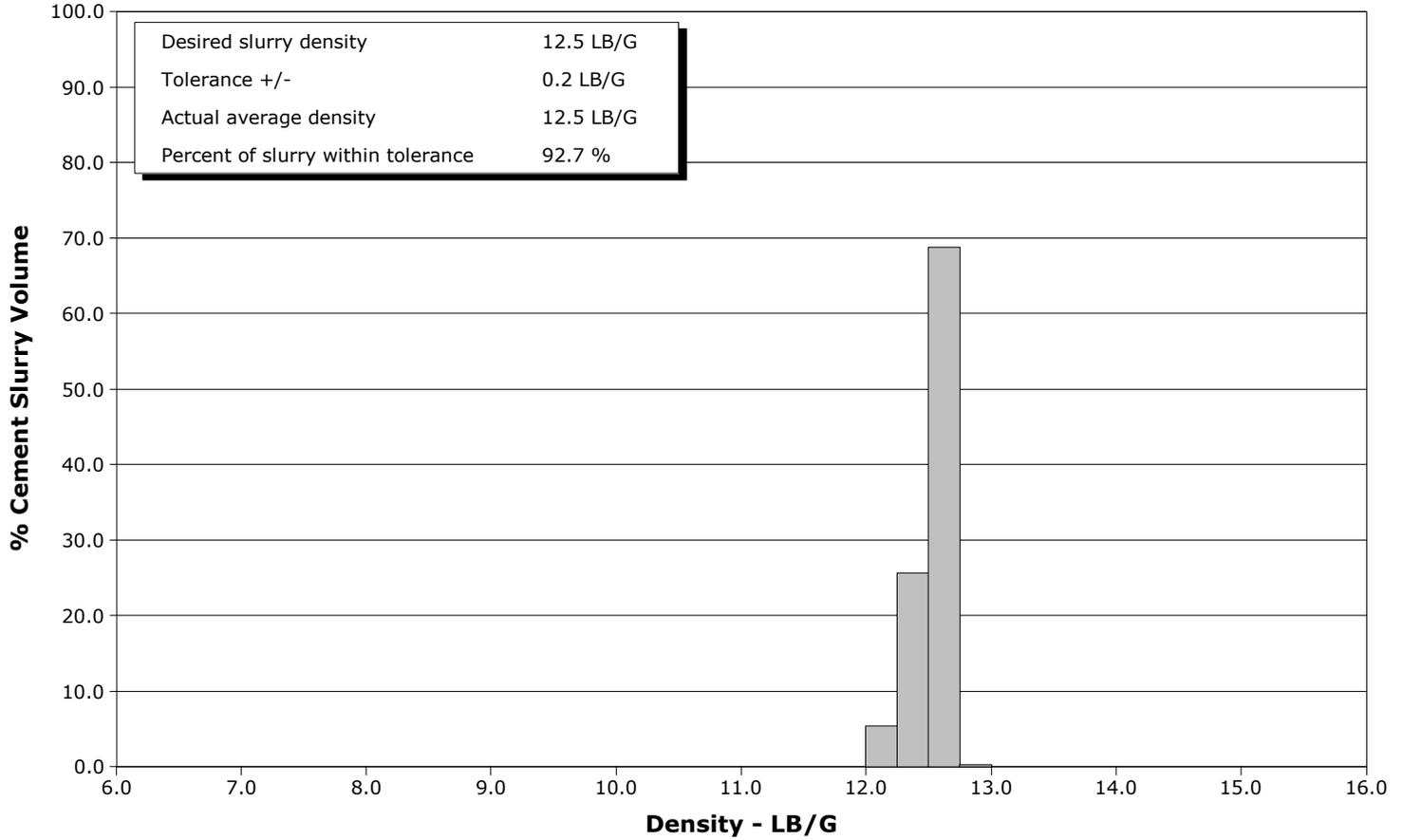
<b>Well</b>	Federal 29-5C	<b>Client</b>	Encana
<b>Field</b>	Parachute	<b>SIR No.</b>	C4HD-00275
<b>Engineer</b>	Matt Fair/Justin Zika	<b>Job Type</b>	9 5/8" Surface
<b>Country</b>	United States	<b>Job Date</b>	05-21-2012



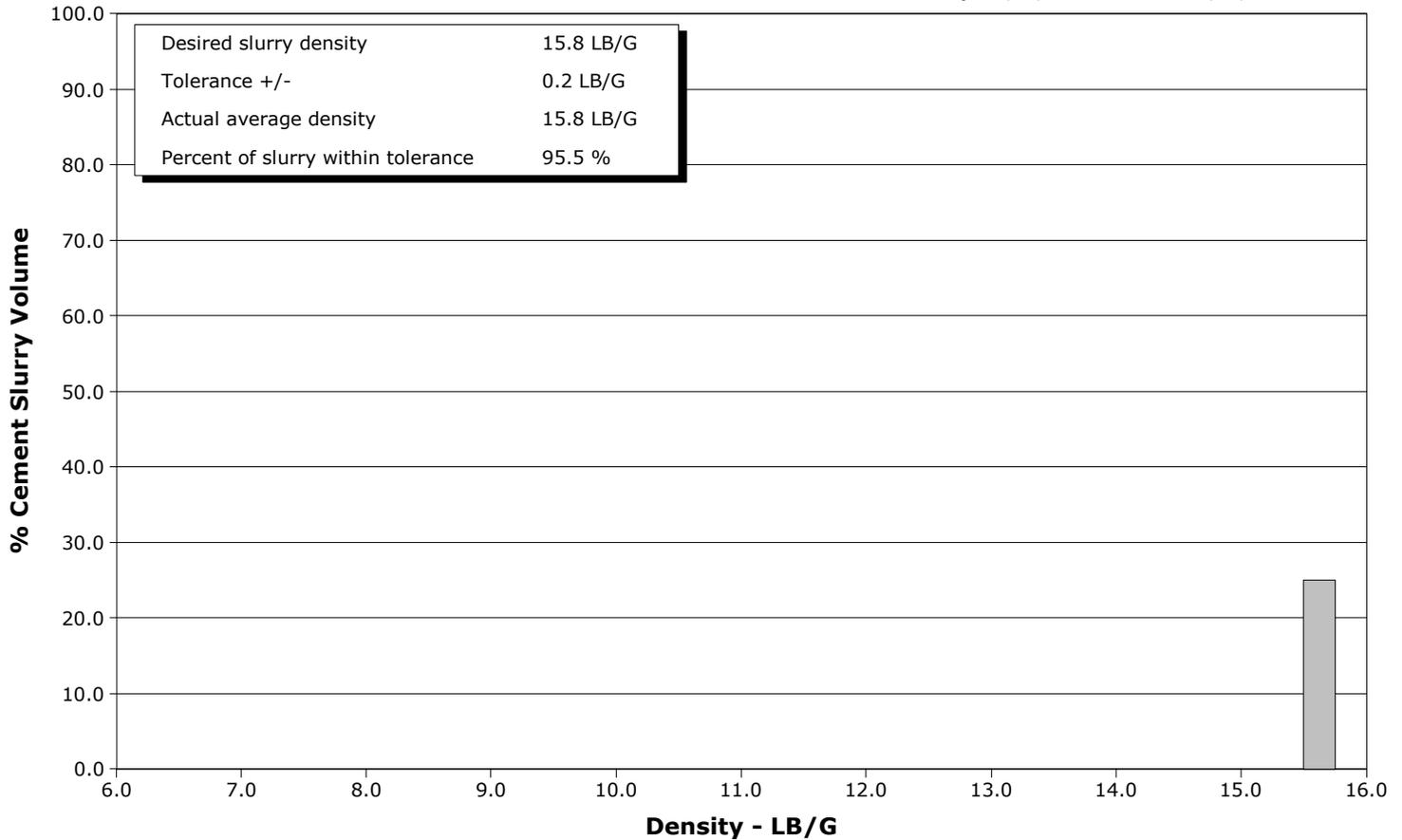
**Well** Federal 29-5C  
**Field** Parachute  
**Engineer** Matt Fair/Justin Zika  
**Country** United States

**Client** Encana  
**SIR No.** C4HD-00275  
**Job Type** 9 5/8" Surface  
**Job Date** 05-21-2012

**Lead Slurry - 05/21/2012 10:31:44 to 05/21/2012 10:46:17**



**Tail Slurry - 05/21/2012 10:47:09 to 05/21/2012 10:54:30**



				Customer		Job Number	
				Encana		C4HD-00275	
Well Federal 29-5C			Location (legal)		Schlumberger Location		Job Start May/21/2012
Field Parachute		Formation Name/Type Shale		Deviation deg	Bit Size 12.3 in	Well MD 1077.0 ft	Well TVD 1077.0 ft
County Garfield		State/Province Colorado		BHP psi	BHST 94 degF	BHCT 81 degF	Pore Press. Gradient lb/gal
Well Master 0631338846		API/UWI					
Rig Name Nabors M11		Drilled For Gas	Service Via Land	Casing/Liner			
				Depth, ft	Size, in	Weight, lb/ft	Grade
				1077.0	9.6	36.0	K55
Offshore Zone		Well Class New	Well Type Development	0.0	0.0	0.0	8RD
Drilling Fluid Type Bentonite		Max. Density 9.20 lb/gal	Plastic Viscosity cP	Tubing/Drill Pipe			
				T/D	Depth, ft	Size, in	Weight, lb/ft
Service Line Cementing		Job Type 9 5/8" Surface		Perforations/Open Hole			
Max. Allowed Tub. Press 3520 psi		Max. Allowed Ann. Press 2030 psi	WH Connection Single Cement head	Top, ft	Bottom, ft	shot/ft	No. of Shots
							Total Interval ft
							Diameter in
				Treat Down Casing	Displacement 80.0 bbl	Packer Type	Packer Depth ft
				Tubing Vol. bbl	Casing Vol. 83.0 bbl	Annular Vol. 65.0 bbl	Openhole Vol. 153.0 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 533 psi				Shoe Type Float		Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 1032.0 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 May/21/2012 08:00		Arrived on Location May/21/2012 08:00	Leave Location May/21/2012 13:00	Collar Type Float		Tail Pipe Depth ft	
				Collar Depth 990.0 ft		Sqz. Total Vol. bbl	
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message		
05/21/2012	10:10:57	8.45	-3	0.0	Started Acquisition		
05/21/2012	10:11:03	8.45	-3	0.0	Start Job		
05/21/2012	10:13:27	8.45	-4	0.0			
05/21/2012	10:15:57	8.45	946	0.0			
05/21/2012	10:17:48	8.45	5	0.0	Pressure Test Lines		
05/21/2012	10:17:49	8.45	5	0.0	Low PSI test good		
05/21/2012	10:18:27	8.45	6	0.0			
05/21/2012	10:19:50	8.45	7	0.0	Pressure Test Lines		
05/21/2012	10:19:51	8.45	7	0.0	High PSI test good		
05/21/2012	10:20:52	8.44	79	3.2	Start Pumping Spacer		
05/21/2012	10:20:53	8.44	79	3.3	20 bbl H2O		
05/21/2012	10:20:57	8.45	76	3.5			
05/21/2012	10:23:27	8.45	127	5.0			
05/21/2012	10:25:57	8.45	12	0.0			
05/21/2012	10:26:10	8.45	11	0.0	Good returns		
05/21/2012	10:26:17	8.45	14	0.0	End Spacer		
05/21/2012	10:28:27	8.45	15	0.0			
05/21/2012	10:29:41	8.45	56	0.0	Start Cement Slurry		
05/21/2012	10:29:42	8.45	56	0.4	Start Mixing Scav Slurry		
05/21/2012	10:29:43	8.45	54	1.1	Bring to weight		
05/21/2012	10:30:57	12.29	123	4.7			

Well		Field		Job Start	Customer	Job Number
Federal 29-5C		Parachute		May/21/2012	Encana	C4HD-00275
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message	
05/21/2012	10:31:44	12.40	151	4.8	Start Mixing Lead Slurry	
05/21/2012	10:31:45	12.40	176	4.8	80 bbl 12.5 lead	
05/21/2012	10:33:27	12.52	234	6.5		
05/21/2012	10:33:59	12.55	236	6.5	Good returns	
05/21/2012	10:35:07	12.52	284	6.6	Took wet/dry samples	
05/21/2012	10:35:08	12.52	256	6.6	Wet sample=12.5 on mudscales	
05/21/2012	10:35:57	12.32	253	6.5		
05/21/2012	10:38:27	12.49	163	5.1		
05/21/2012	10:40:57	12.63	152	5.1		
05/21/2012	10:43:27	12.57	80	3.6		
05/21/2012	10:45:57	12.54	89	3.7		
05/21/2012	10:46:17	12.55	90	3.7	End Lead Slurry	
05/21/2012	10:46:20	12.53	99	3.7	Start Mixing Scav Slurry	
05/21/2012	10:46:27	14.16	112	4.1	Bring to weight	
05/21/2012	10:47:08	15.72	122	3.3	End Scavenger Slurry	
05/21/2012	10:47:09	15.74	122	3.3	Start Mixing Tail Slurry	
05/21/2012	10:47:10	15.74	119	3.3	31 bbl 15.8 tail	
05/21/2012	10:48:27	15.80	231	5.0		
05/21/2012	10:49:29	15.65	135	3.7	Good returns	
05/21/2012	10:50:14	15.68	150	3.6	Took wet/dry samples	
05/21/2012	10:50:57	15.84	164	3.5		
05/21/2012	10:53:27	15.81	119	3.5		
05/21/2012	10:54:30	15.92	122	3.5	End Tail Slurry	
05/21/2012	10:54:55	15.90	17	3.2	End Cement Slurry	
05/21/2012	10:55:57	15.93	2	0.0		
05/21/2012	10:58:27	9.35	47	2.9		
05/21/2012	10:59:35	9.68	77	4.1	Drop Top Plug	
05/21/2012	10:59:36	9.73	74	4.0	Start Displacement	
05/21/2012	10:59:38	9.77	69	4.0	Good returns	
05/21/2012	11:00:57	8.81	94	5.0		
05/21/2012	11:03:27	8.54	79	4.9		
05/21/2012	11:05:57	8.42	76	5.0		
05/21/2012	11:06:56	8.52	121	4.9	42 bbl cement to surface	
05/21/2012	11:08:27	8.43	204	4.7		
05/21/2012	11:10:57	8.43	296	6.4		
05/21/2012	11:13:27	8.45	298	3.9		
05/21/2012	11:15:57	8.45	353	2.5		
05/21/2012	11:17:39	8.45	1012	2.5	Bump Top Plug	
05/21/2012	11:17:41	8.45	1208	2.4	End Displacement	
05/21/2012	11:17:42	8.45	1208	1.9	Bumped plug @ 1200 PSI	
05/21/2012	11:18:27	8.45	1211	0.0		
05/21/2012	11:20:07	8.45	-6	0.0	Float held	
05/21/2012	11:20:15	8.45	-4	0.0	1/2 bbl back	

<b>Well</b> Federal 29-5C	<b>Field</b> Parachute	<b>Job Start</b> May/21/2012	<b>Customer</b> Encana	<b>Job Number</b> C4HD-00275
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### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
<b>Slurry</b> 4.0	<b>N2</b>	<b>Mud</b>	<b>Maximum Rate</b> 6.6	<b>Total Slurry</b> 112.0	<b>Mud</b> 0.0	<b>Spacer</b> 20.2	<b>N2</b>	
Treating Pressure Summary, psi					Breakdown Fluid			
<b>Maximum</b> 3894	<b>Final</b> -3	<b>Average</b> 243	<b>Bump Plug to</b> 1200	<b>Breakdown</b>	<b>Type</b>	<b>Volume</b> bbl	<b>Density</b> lb/gal	
<b>Avg. N2 Percent</b> %	<b>Designed Slurry Volume</b> 111.0 bbl	<b>Displacement</b> 79.5 bbl	<b>Mix Water Temp</b> 67 degF	<b>Cement Circulated to Surface?</b> <input checked="" type="checkbox"/>	<b>Volume</b> 42.0 bbl	<b>Washed Thru Perfs</b> <input type="checkbox"/>	<b>To</b> ft	
<b>Customer or Authorized Representative</b>			<b>Schlumberger Supervisor</b> Matt Fair/Justin Zika		<b>Circulation Lost</b> <input type="checkbox"/>	<b>Job Completed</b> <input checked="" type="checkbox"/>		
					-		-	

<b>Client:</b>	Encana
<b>Field:</b>	Parachute
<b>Rig:</b>	Nabors M11
<b>Well:</b>	Federal 29-5C
<b>Service Line:</b>	Cementing
<b>Job Type:</b>	9 5/8" Surface

<b>Service Order #:</b>	
<b>Date:</b>	May/21/2012
<b>Operating Time (hh:mm):</b>	00:00
<b>Client Rep:</b>	
<b>Schlumberger Engineer:</b>	Matt Fair/Justin Zika
<b>Schlumberger FSM:</b>	

**Main Objective:**

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

		Score	Yes / No		Result
<b>1</b>	<b>HSE</b>				
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%

<b>2</b>	<b>Design / Preparation</b>				
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%

<b>3</b>	<b>Execution</b>				
3a	Lost time < 30 mins	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
3b	Equipment pressure tested successfully	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 successfully	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%

<b>4</b>	<b>Evaluation</b>				
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.)

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