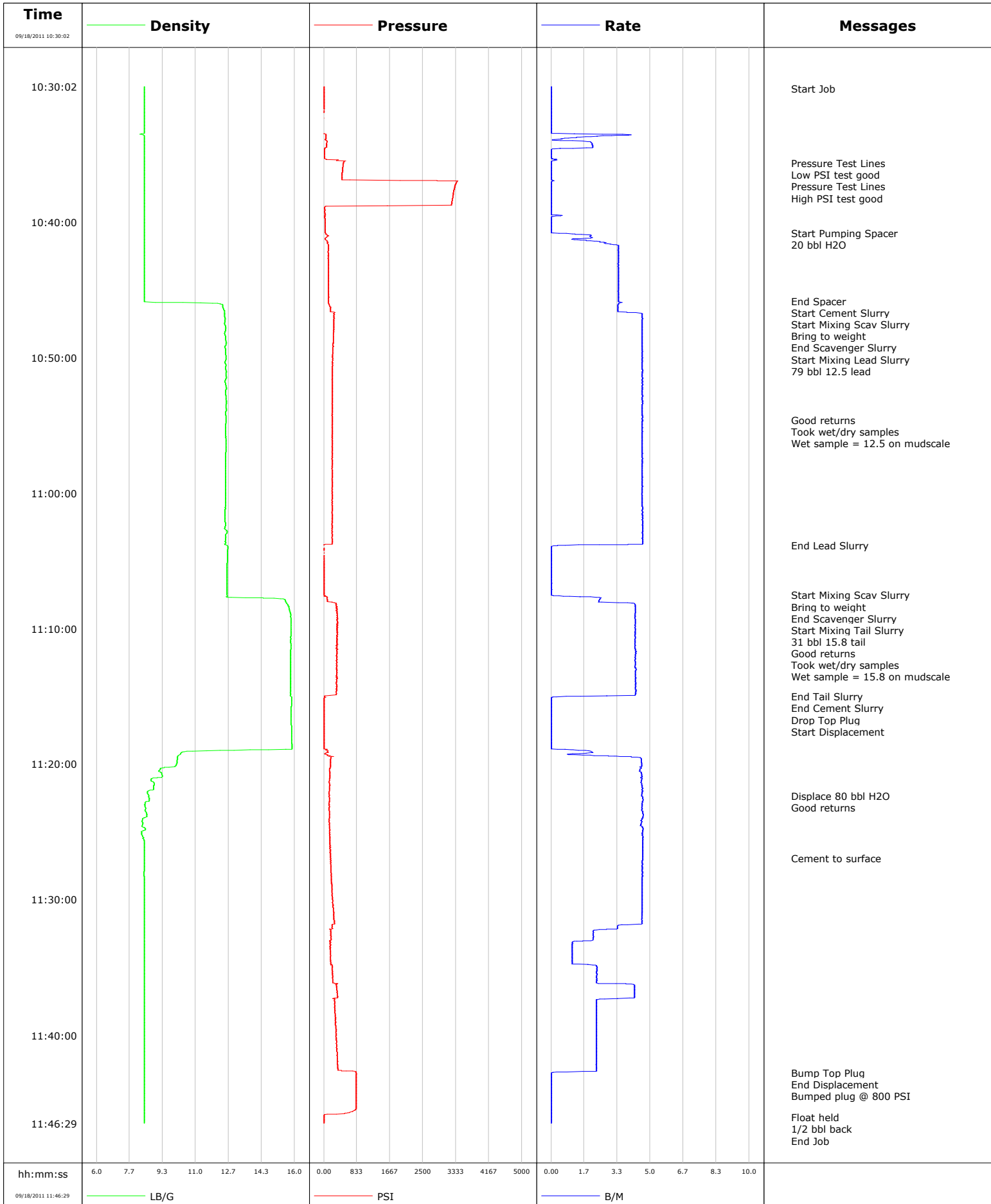


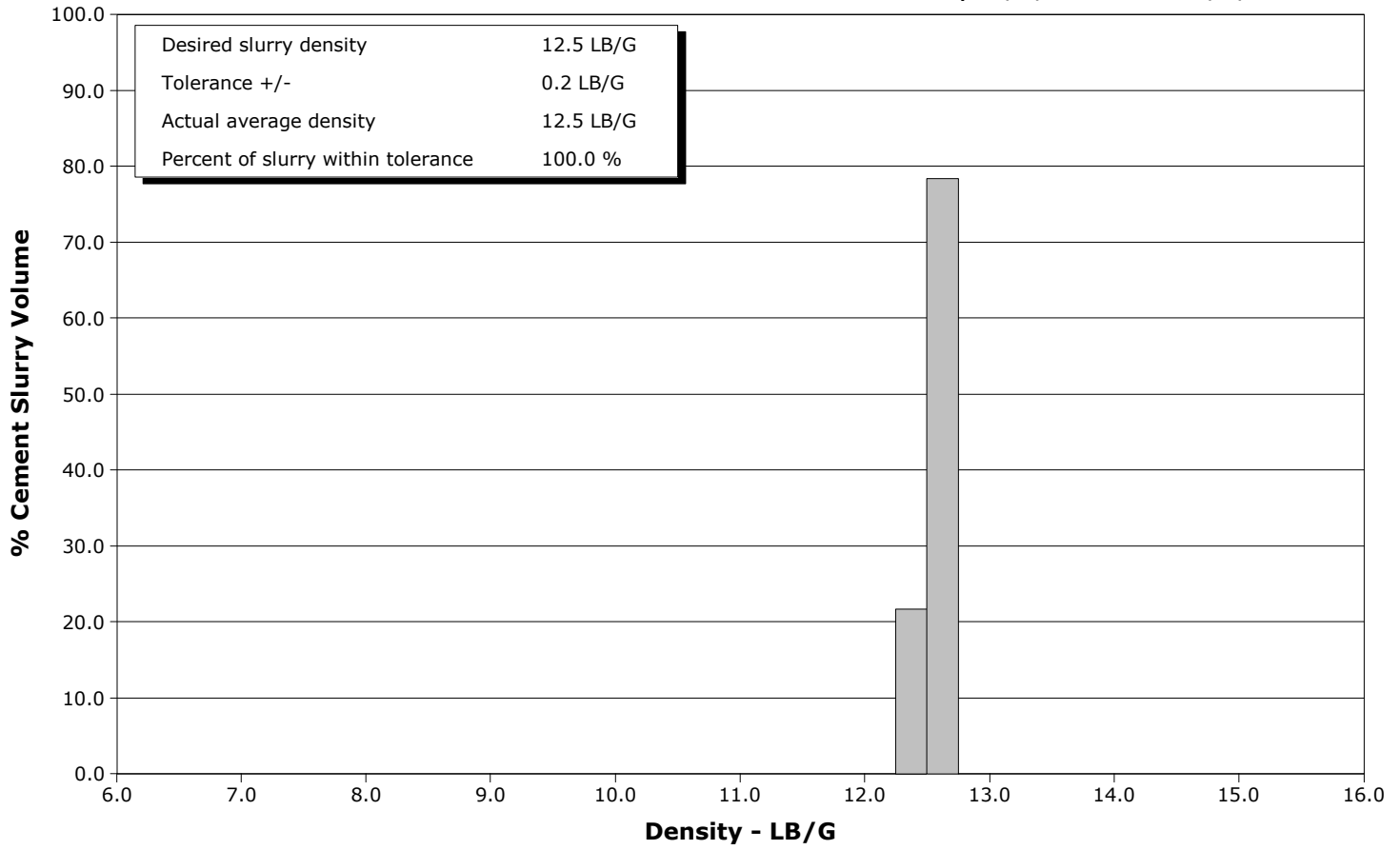
<b>Well</b>	Federal Smith 19-15	<b>Client</b>	Encana
<b>Field</b>	Parachue	<b>SIR No.</b>	BUNM-00188
<b>Engineer</b>	Matt Fair/Jordan Moreland	<b>Job Type</b>	9 5/8 Surface
<b>Country</b>	United States	<b>Job Date</b>	09-18-2011



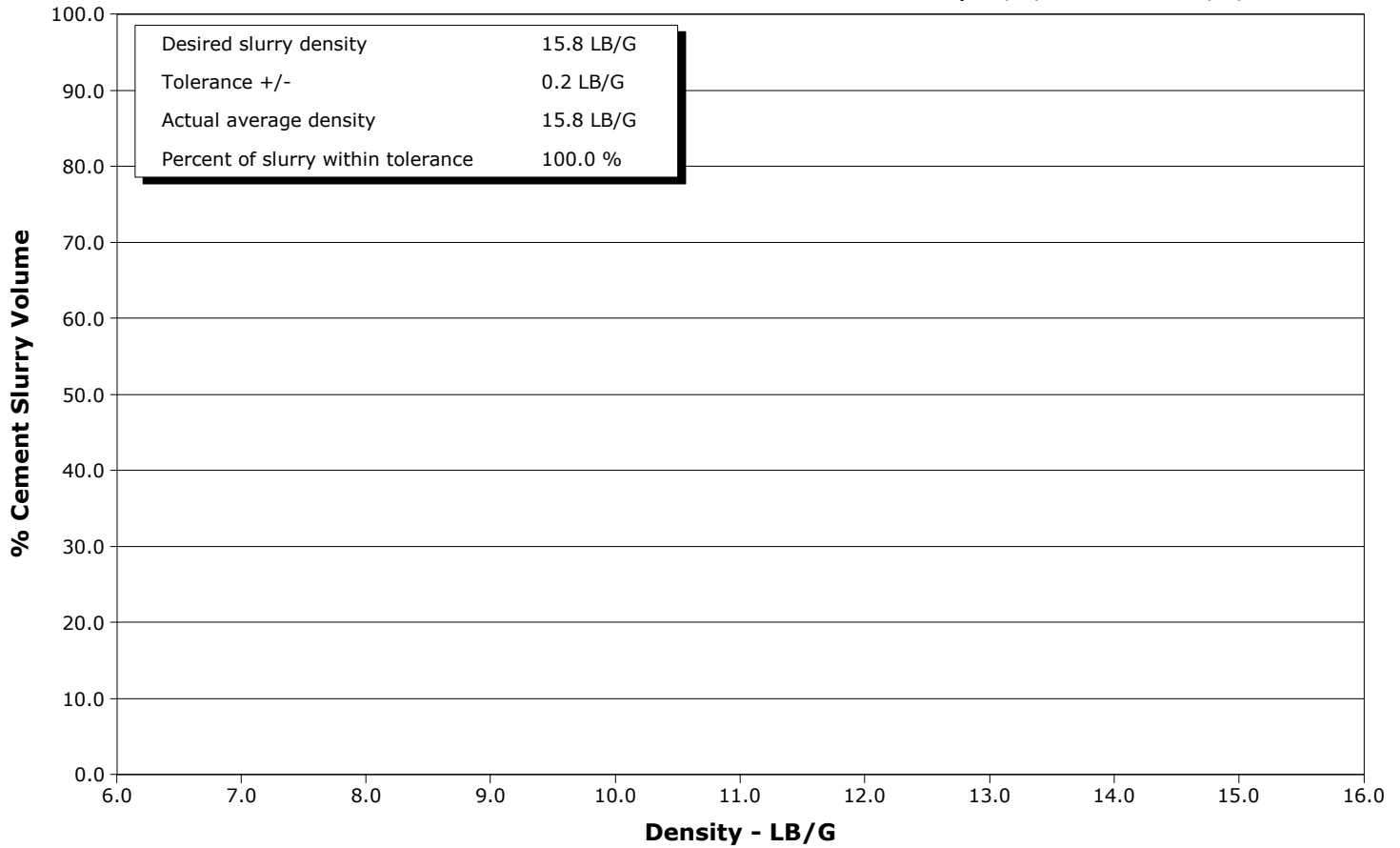
**Well** Federal Smith 19-15  
**Field** Parachue  
**Engineer** Matt Fair/Jordan Moreland  
**Country** United States

**Client** Encana  
**SIR No.** BUNM-00188  
**Job Type** 9 5/8 Surface  
**Job Date** 09-18-2011

**Lead Slurry - 09/18/2011 10:46:50 to 09/18/2011 11:03:50**



**Tail Slurry - 09/18/2011 11:08:51 to 09/18/2011 11:15:00**



				Customer			Job Number			
				Encana			BUNM-00188			
Well Federal Smith 19-15			Location (legal)			Schlumberger Location			Job Start Sep/18/2011	
Field Parachue		Formation Name/Type Shale		Deviation deg	Bit Size 12.3 in		Well MD 1084.0 ft		Well TVD 1084.0 ft	
County Garfield		State/Province Colorado		BHP psi	BHST 90 degF		BHCT 81 degF		Pore Press. Gradient lb/gal	
Well Master 0631289087		API/UWI								
Rig Name Nabors M13	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		40.0	16.0	65.0			
		1084.0	9.6	36.0		K55		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 9 5/8 Surface									
Max. Allowed Tub. Press 3520 psi	Max. Allowed Ann. Press 2030 psi		WH Connection 9 5/8		Perforations/Open Hole					
		Top, ft	Bottom, ft	shot/ft		No. of Shots		Total Interval ft		
Service Instructions Provide equipment and services to cement 9 5/8" surface casing per design 211 sks 12.5 lead 150 sks 15.8 tail				ft	ft			Diameter in		
				ft	ft					
Treat Down Casing		Displacement 80.0 bbl		Packer Type		Packer Depth ft				
Tubing Vol. bbl		Casing Vol. 84.0 bbl		Annular Vol. 64.0 bbl		Openhole Vol. 151.0 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 536 psi		Shoe Type Float		Squeeze Type						
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 1084.0 ft		Tool Type				
No. Centralizers 13	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 Sep/18/2011 05:00		Arrived on Location Sep/18/2011 05:00		Leave Location Sep/18/2011 13:00		Collar Type Float		Tail Pipe Depth ft		
				Collar Depth 1036.0 ft		Sqz. Total Vol. bbl				
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message					
09/18/2011	10:30:02	8.41	4	0.0	Started Acquisition					
09/18/2011	10:30:09	8.41	4	0.0	Start Job					
09/18/2011	10:31:42	8.41	0	0.0						
09/18/2011	10:33:22	8.41	-1	0.0						
09/18/2011	10:35:02	8.41	21	0.0						
09/18/2011	10:35:41	8.41	496	0.0	Pressure Test Lines					
09/18/2011	10:36:42	8.41	458	0.0	Pressure Test Lines					
09/18/2011	10:36:43	8.41	458	0.0	High PSI test good					
09/18/2011	10:38:22	8.41	3243	0.0						
09/18/2011	10:40:02	8.41	26	0.0						
09/18/2011	10:40:51	8.41	38	0.1	Start Pumping Spacer					
09/18/2011	10:41:18	8.41	35	1.0	20 bbl H2O					
09/18/2011	10:41:42	8.41	118	3.3						
09/18/2011	10:43:22	8.41	112	3.4						
09/18/2011	10:45:02	8.41	115	3.4						
09/18/2011	10:45:50	8.41	122	3.4	End Spacer					
09/18/2011	10:45:51	8.41	118	3.4	Start Cement Slurry					
09/18/2011	10:45:54	8.41	116	3.4	Start Mixing Scav Slurry					
09/18/2011	10:46:42	12.46	271	3.8						
09/18/2011	10:46:50	12.46	257	4.6	End Scavenger Slurry					
09/18/2011	10:46:53	12.46	258	4.6	79 bbl 12.5 lead					

Well		Field	Job Start	Customer	Job Number
Federal Smith 19-15		Parachue	Sep/18/2011	Encana	BUNM-00188
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message
09/18/2011	10:50:02	12.54	227	4.6	
09/18/2011	10:51:42	12.50	209	4.6	
09/18/2011	10:53:22	12.56	216	4.6	
09/18/2011	10:54:38	12.53	215	4.6	Good returns
09/18/2011	10:54:44	12.53	219	4.6	Took wet/dry samples
09/18/2011	10:54:47	12.53	218	4.6	Wet sample = 12.5 on mudscale
09/18/2011	10:55:02	12.51	214	4.6	
09/18/2011	10:56:42	12.52	215	4.6	
09/18/2011	10:58:22	12.52	215	4.6	
09/18/2011	11:00:02	12.51	210	4.6	
09/18/2011	11:01:42	12.49	211	4.6	
09/18/2011	11:03:22	12.51	216	4.6	
09/18/2011	11:03:50	12.50	5	2.4	End Lead Slurry
09/18/2011	11:05:02	12.60	0	0.0	
09/18/2011	11:06:42	12.59	2	0.0	
09/18/2011	11:07:32	12.58	2	0.0	Start Mixing Scav Slurry
09/18/2011	11:07:34	12.60	7	0.1	Bring to weight
09/18/2011	11:08:22	15.69	334	4.2	
09/18/2011	11:08:50	15.77	347	4.3	End Scavenger Slurry
09/18/2011	11:08:51	15.77	332	4.2	Start Mixing Tail Slurry
09/18/2011	11:08:54	15.79	350	4.3	31 bbl 15.8 tail
09/18/2011	11:09:06	15.80	333	4.2	Good returns
09/18/2011	11:09:25	15.82	350	4.3	Took wet/dry samples
09/18/2011	11:09:27	15.83	340	4.2	Wet sample = 15.8 on mudscale
09/18/2011	11:10:02	15.82	354	4.3	
09/18/2011	11:11:42	15.80	341	4.3	
09/18/2011	11:13:22	15.78	319	4.3	
09/18/2011	11:15:00	15.80	13	1.5	End Tail Slurry
09/18/2011	11:15:01	15.83	13	0.8	End Cement Slurry
09/18/2011	11:15:02	15.84	13	0.3	
09/18/2011	11:15:06	15.85	47	0.0	Drop Top Plug
09/18/2011	11:16:42	15.82	3	0.0	
09/18/2011	11:18:22	15.85	9	0.0	
09/18/2011	11:20:02	10.03	167	4.6	
09/18/2011	11:21:42	8.87	141	4.6	
09/18/2011	11:22:20	8.63	138	4.6	Displace 80 bbl H2O
09/18/2011	11:22:31	8.66	140	4.6	Good returns
09/18/2011	11:23:22	8.46	131	4.6	
09/18/2011	11:25:02	8.27	154	4.6	
09/18/2011	11:26:42	8.42	165	4.6	
09/18/2011	11:26:56	8.42	171	4.6	Cement to surface
09/18/2011	11:28:22	8.40	193	4.6	
09/18/2011	11:30:02	8.41	228	4.6	
09/18/2011	11:31:42	8.41	266	4.6	
09/18/2011	11:33:22	8.41	171	1.1	
09/18/2011	11:35:02	8.41	212	2.3	
09/18/2011	11:36:42	8.41	326	4.2	
09/18/2011	11:38:22	8.41	280	2.3	
09/18/2011	11:40:02	8.41	310	2.3	
09/18/2011	11:41:42	8.41	334	2.3	
09/18/2011	11:42:44	8.41	803	0.1	Bump Top Plug
09/18/2011	11:42:45	8.41	826	0.1	End Displacement
09/18/2011	11:43:22	8.41	817	0.0	
09/18/2011	11:45:02	8.42	817	0.0	

<b>Well</b> Federal Smith 19-15		<b>Field</b> Parachue		<b>Job Start</b> Sep/18/2011		<b>Customer</b> Encana		<b>Job Number</b> BUNM-00188	
<b>Date</b>	<b>Time 24-hr clock</b>	<b>CPF1_DENSITY LB/G</b>	<b>CPF1_PRESS PSI</b>	<b>CPF1_TTL_RATE B/M</b>	<b>Message</b>				
09/18/2011	11:46:16	8.42	6	0.0	1/2 bbl back				

### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
<b>Slurry</b> 3.0	<b>N2</b>	<b>Mud</b>	<b>Maximum Rate</b> 4.7	<b>Total Slurry</b> 110.0	<b>Mud</b> 0.0	<b>Spacer</b> 19.8	<b>N2</b>	
Treating Pressure Summary, psi					Breakdown Fluid			
<b>Maximum</b> 3375	<b>Final</b> 6	<b>Average</b> 287	<b>Bump Plug to</b> 1800	<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> 110.0 bbl	<b>Displacement</b> 81.0 bbl	<b>Mix Water Temp</b> 67 degF	<b>Cement Circulated to Surface?</b> <input checked="" type="checkbox"/>	<b>Volume</b> 46.0 bbl		<b>To</b> ft	
<b>Customer or Authorized Representative</b> Vlad Kochetov				<b>Schlumberger Supervisor</b> Matt Fair/Jordan Moreland	<b>Washed Thru Perfs</b> <input type="checkbox"/>	<b>Circulation Lost</b> <input type="checkbox"/>	<b>Job Completed</b> <input checked="" type="checkbox"/>	
					-		-	

<b>Client:</b>	Encana
<b>Field:</b>	Parachue
<b>Rig:</b>	Nabors M13
<b>Well:</b>	Federal Smith 19-15
<b>Service Line:</b>	Cementing
<b>Job Type:</b>	9 5/8 Surface

<b>Service Order #:</b>	
<b>Date:</b>	Sep/18/2011
<b>Operating Time (hh:mm):</b>	00:00
<b>Client Rep:</b>	Vlad Kochetov
<b>Schlumberger Engineer:</b>	Matt Fair/Jordan Moreland
<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>