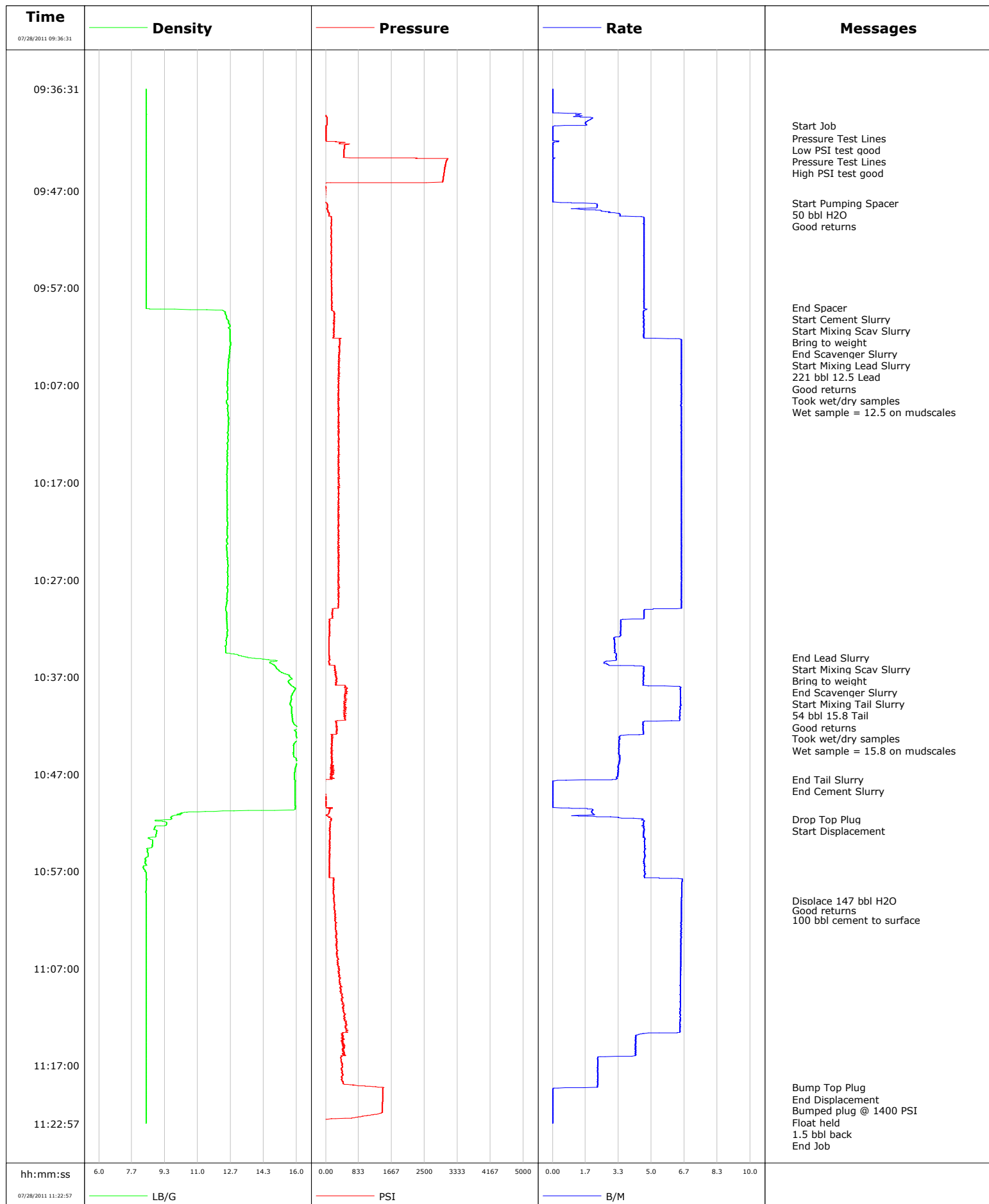


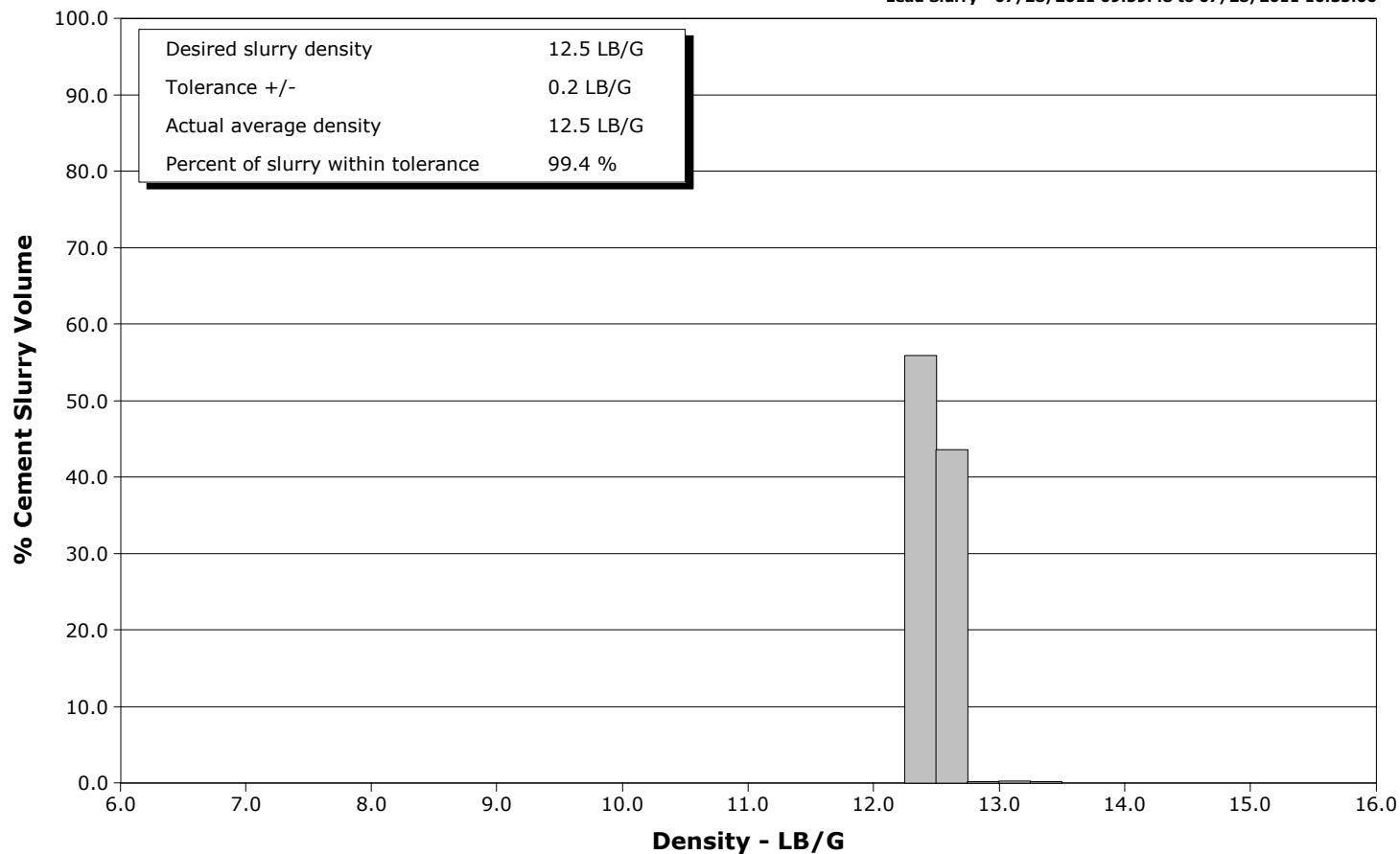
Well	Federal 36-1H	Client	Encana
Field	Orchard	SIR No.	BQP3-00155
Engineer	Matt Fair	Job Type	10 3/4" Surface
Country	United States	Job Date	07-28-2011



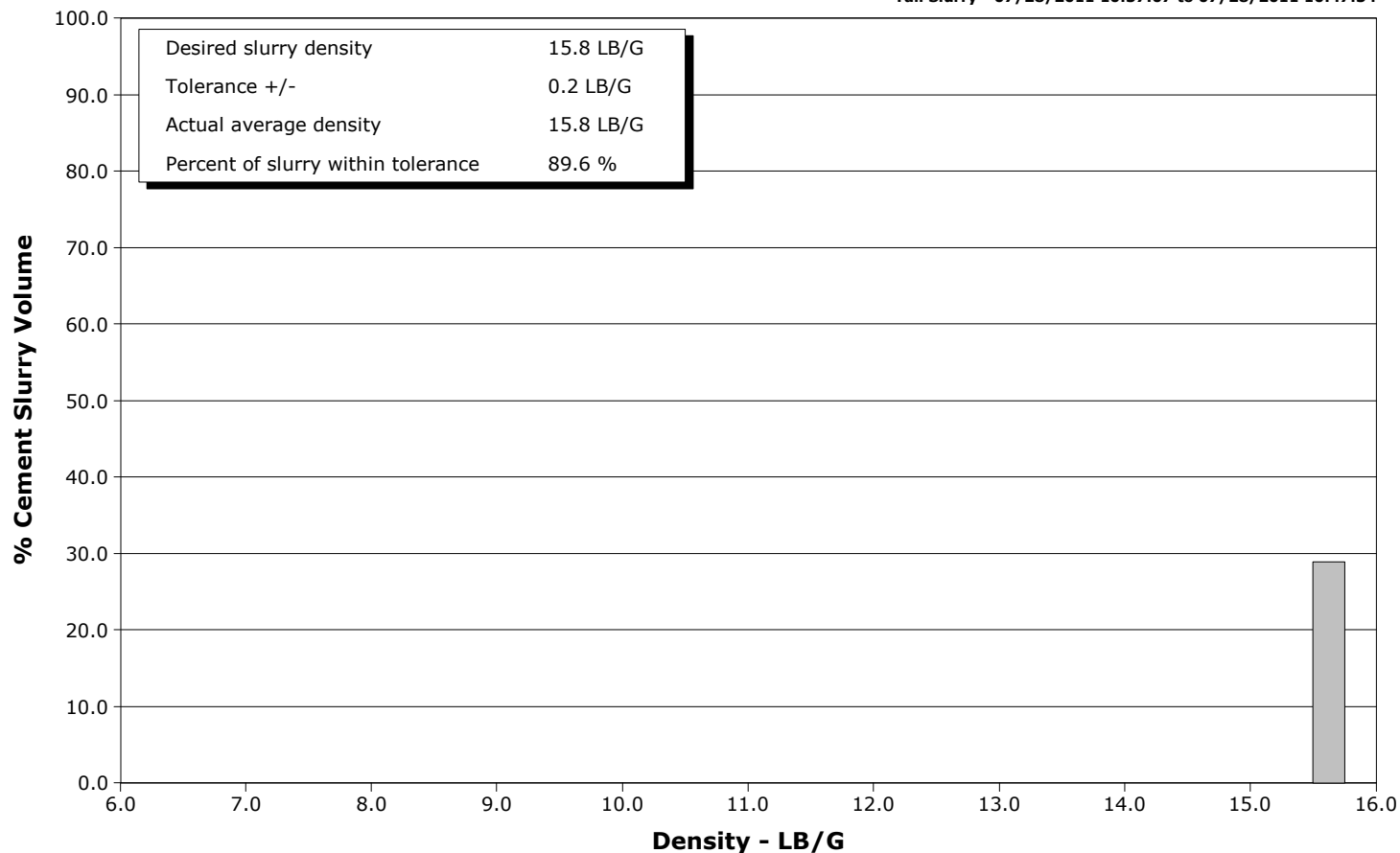
Well Federal 36-1H
Field Orchard
Engineer Matt Fair
Country United States

Client Encana
SIR No. BQP3-00155
Job Type 10 3/4" Surface
Job Date 07-28-2011

Lead Slurry - 07/28/2011 09:59:48 to 07/28/2011 10:35:00



Tail Slurry - 07/28/2011 10:37:07 to 07/28/2011 10:47:34



				Customer Encana			Job Number BQP3-00155				
Well Federal 36-1H			Location (legal)			Schlumberger Location			Job Start Jul/28/2011		
Field Orchard		Formation Name/Type Shale		Deviation deg		Bit Size 14.8 in		Well MD 1536.0 ft		Well TVD 1536.0 ft	
County Garfield		State/Province Colorado		BHP psi		BHST 100 degF		BHCT 85 degF		Pore Press. Gradient lb/gal	
Well Master 0631298165		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 Exploration		40.0		20.0		94.0	
						1536.0		10.8		40.5	
										J55	
										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 10 3/4" Surface									
Max. Allowed Tub. Press 3130 psi		Max. Allowed Ann. Press 1590 psi		WH Connection 10.75		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 147.0 bbl		Packer Type	
										Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 151.0 bbl		Annular Vol. 158.0 bbl	
										Openhole Vol. 314.0 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 685 psi						Shoe Type Float				Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 1536.0 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 Jul/28/2011 07:00		Arrived on Location Jul/28/2011 07:00		Leave Location Jul/28/2011		Collar Type Float				Tail Pipe Depth ft	
						Collar Depth 1494.0 ft				Sqz. Total Vol. bbl	
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message						
07/28/2011	09:36:31	8.40	-7	0.0	Started Acquisition						
07/28/2011	09:38:11	8.40	-11	0.0							
07/28/2011	09:39:51	8.39	29	1.7							
07/28/2011	09:40:16	8.39	3	1.6	Start Job						
07/28/2011	09:41:31	8.39	0	0.0							
07/28/2011	09:41:35	8.39	0	0.0	Pressure Test Lines						
07/28/2011	09:41:36	8.39	0	0.0	Low PSI test good						
07/28/2011	09:43:11	8.39	461	0.0							
07/28/2011	09:43:37	8.39	2233	0.0	Pressure Test Lines						
07/28/2011	09:43:38	8.39	2309	0.1	High PSI test good						
07/28/2011	09:44:51	8.39	3002	0.0							
07/28/2011	09:46:31	8.39	3	0.0							
07/28/2011	09:48:11	8.39	3	0.1							
07/28/2011	09:48:16	8.39	23	1.1	Start Pumping Spacer						
07/28/2011	09:48:19	8.39	35	2.2	50 bbl H2O						
07/28/2011	09:49:51	8.39	146	4.6							
07/28/2011	09:50:39	8.39	136	4.6	Good returns						
07/28/2011	09:51:31	8.39	137	4.6							
07/28/2011	09:53:11	8.39	147	4.6							
07/28/2011	09:54:51	8.39	133	4.6							
07/28/2011	09:56:31	8.38	141	4.6							

Well Federal 36-1H			Field Orchard		Job Start Jul/28/2011	Customer Encana	Job Number BQP3-00155
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message		
07/28/2011	09:58:59	8.38	159	4.6	End Spacer		
07/28/2011	09:59:01	8.38	150	4.6	Start Cement Slurry		
07/28/2011	09:59:04	8.38	152	4.6	Start Mixing Scav Slurry		
07/28/2011	09:59:06	8.39	160	4.6	Bring to weight		
07/28/2011	09:59:47	12.42	216	4.6	End Scavenger Slurry		
07/28/2011	09:59:48	12.42	216	4.6	Start Mixing Lead Slurry		
07/28/2011	09:59:49	12.43	212	4.6	221 bbl 12.5 Lead		
07/28/2011	09:59:50	12.43	197	4.6	Good returns		
07/28/2011	09:59:51	12.43	212	4.6	Wet sample = 12.5 on mudscales		
07/28/2011	10:01:31	12.64	209	4.6			
07/28/2011	10:03:11	12.63	333	6.5			
07/28/2011	10:04:51	12.54	331	6.5			
07/28/2011	10:06:31	12.50	336	6.5			
07/28/2011	10:08:11	12.51	323	6.5			
07/28/2011	10:09:51	12.53	331	6.5			
07/28/2011	10:11:31	12.53	330	6.5			
07/28/2011	10:13:11	12.51	336	6.5			
07/28/2011	10:14:51	12.49	308	6.5			
07/28/2011	10:16:31	12.48	314	6.5			
07/28/2011	10:18:11	12.49	336	6.5			
07/28/2011	10:19:51	12.49	317	6.5			
07/28/2011	10:21:31	12.49	318	6.5			
07/28/2011	10:23:11	12.49	315	6.5			
07/28/2011	10:24:51	12.50	311	6.5			
07/28/2011	10:26:31	12.51	337	6.5			
07/28/2011	10:28:11	12.50	327	6.5			
07/28/2011	10:29:51	12.41	313	6.5			
07/28/2011	10:31:31	12.47	100	3.4			
07/28/2011	10:33:11	12.44	79	3.1			
07/28/2011	10:34:51	13.14	87	3.2			
07/28/2011	10:35:00	13.49	89	3.2	End Lead Slurry		
07/28/2011	10:35:03	13.62	92	3.2	Start Mixing Scav Slurry		
07/28/2011	10:35:15	14.57	100	3.2	Bring to weight		
07/28/2011	10:36:31	15.23	253	4.6			
07/28/2011	10:37:06	15.72	258	4.6	End Scavenger Slurry		
07/28/2011	10:37:07	15.73	258	4.6	Start Mixing Tail Slurry		
07/28/2011	10:37:09	15.75	284	4.6	54 bbl 15.8 Tail		
07/28/2011	10:37:10	15.75	282	4.6	Wet sample = 15.8 on mudscales		
07/28/2011	10:38:11	15.94	541	6.5			
07/28/2011	10:39:51	15.68	489	6.5			
07/28/2011	10:41:31	15.80	288	6.4			
07/28/2011	10:43:11	15.99	157	3.4			
07/28/2011	10:44:51	15.83	159	3.3			
07/28/2011	10:46:31	15.92	205	3.3			
07/28/2011	10:47:34	15.89	74	3.2	End Tail Slurry		
07/28/2011	10:47:36	15.89	-4	3.0	End Cement Slurry		
07/28/2011	10:48:11	15.92	-7	0.0			
07/28/2011	10:49:51	15.92	0	0.0			
07/28/2011	10:51:31	9.66	120	3.3			
07/28/2011	10:51:38	9.66	138	4.6	Drop Top Plug		
07/28/2011	10:51:39	9.66	138	4.6	Start Displacement		
07/28/2011	10:53:11	8.89	97	4.6			
07/28/2011	10:54:51	8.46	94	4.7			
07/28/2011	10:56:31	8.26	96	4.7			

Well			Field	Job Start	Customer	Job Number
Federal 36-1H			Orchard	Jul/28/2011	Encana	BQP3-00155
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message	
07/28/2011	10:59:51	8.38	205	6.5		
07/28/2011	11:00:02	8.38	201	6.5	Displace 147 bbl H2O	
07/28/2011	11:01:02	8.38	235	6.5	Good returns	
07/28/2011	11:01:31	8.38	244	6.5		
07/28/2011	11:02:02	8.38	238	6.5	100 bbl cement to surface	
07/28/2011	11:03:11	8.38	257	6.5		
07/28/2011	11:04:51	8.38	281	6.5		
07/28/2011	11:06:31	8.38	306	6.5		
07/28/2011	11:08:11	8.38	350	6.5		
07/28/2011	11:09:51	8.38	416	6.5		
07/28/2011	11:11:31	8.38	464	6.5		
07/28/2011	11:13:11	8.38	510	6.4		
07/28/2011	11:14:51	8.38	444	4.2		
07/28/2011	11:16:31	8.38	390	2.3		
07/28/2011	11:18:11	8.38	404	2.3		
07/28/2011	11:19:15	8.38	1450	2.2	Bump Top Plug	
07/28/2011	11:19:17	8.38	1461	1.6	End Displacement	
07/28/2011	11:19:19	8.38	1445	0.3	Bumped plug @ 1400 PSI	
07/28/2011	11:19:51	8.38	1436	0.0		
07/28/2011	11:21:31	8.38	1431	0.0		
07/28/2011	11:21:42	8.38	1431	0.0	Float held	
07/28/2011	11:22:38	8.39	-6	0.0	1.5 bbl back	

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl				
Slurry 4.5	N2	Mud	Maximum Rate 6.6	Total Slurry 275.0	Mud 0.0	Spacer 49.5	N2		
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum 3095	Final -6	Average 362	Bump Plug to 1300	Breakdown	Type	Volume bbl	Density lb/gal		
Avg. N2 Percent %		Designed Slurry Volume 275.0 bbl		Displacement 147.0 bbl	Mix Water Temp 77 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 100.0 bbl		
						Washed Thru Perfs <input type="checkbox"/>	To ft		
Customer or Authorized Representative Vlad Kochetov			Schlumberger Supervisor Matt Fair			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
						-	-		



Service Quality Evaluation

Client:	Encana
Field:	Orchard
Rig:	Nabors M13
Well:	Federal 36-1H
Service Line:	Cementing
Job Type:	10 3/4" Surface

Service Order #:	
Date:	Jul/28/2011
Operating Time (hh:mm):	00:00
Client Rep:	Vlad Kochetov
Schlumberger Engineer:	Matt Fair
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: