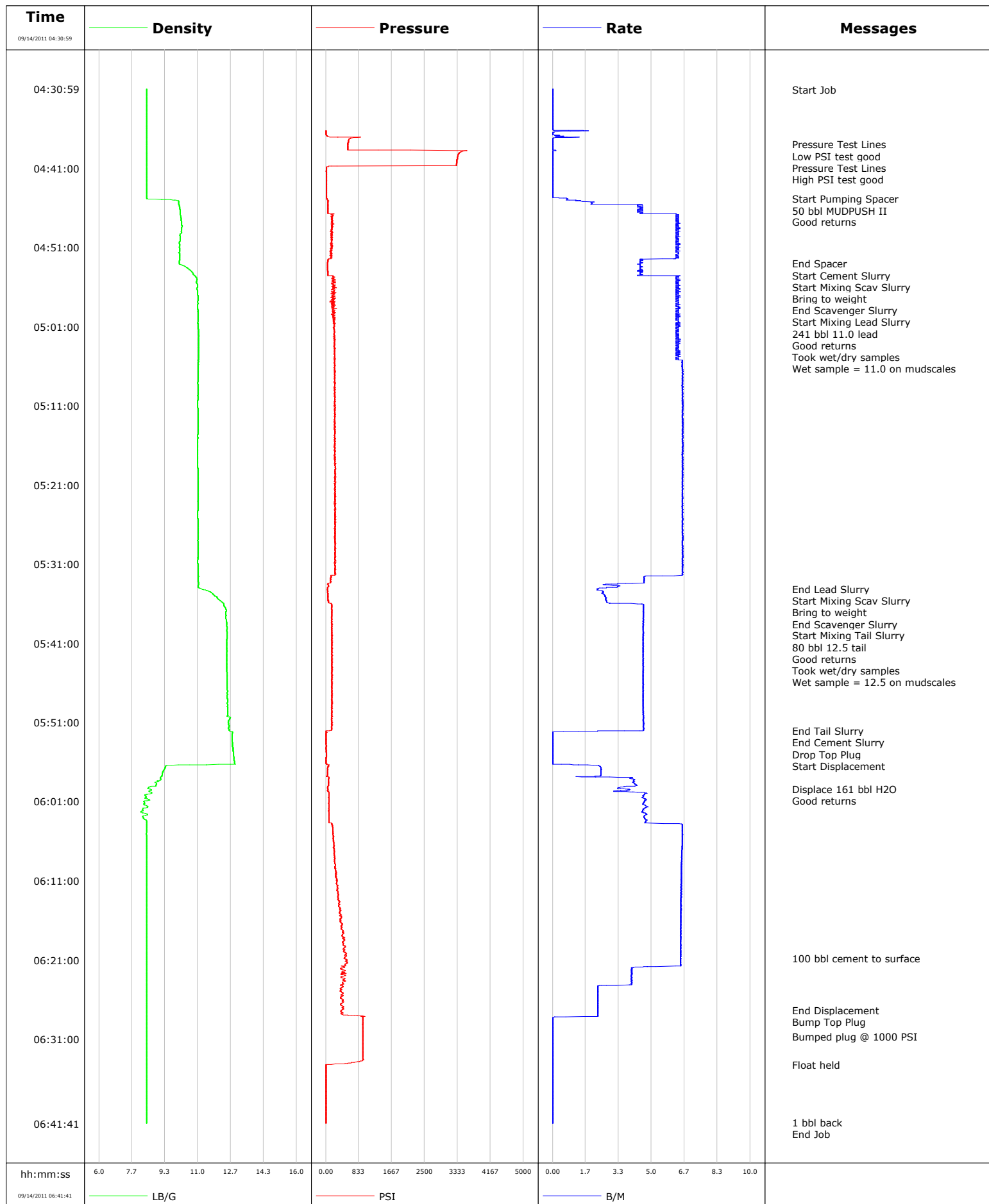


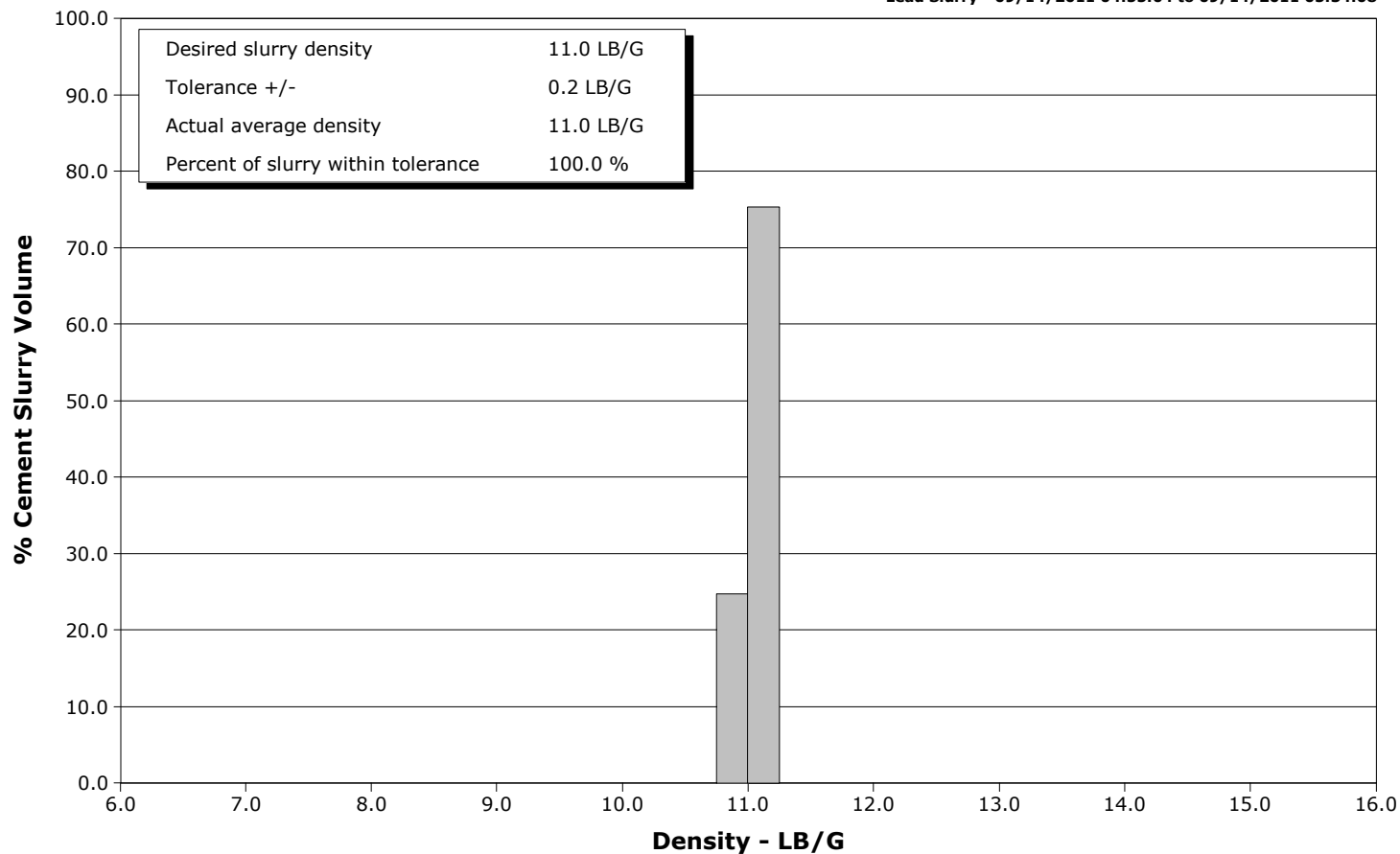
Well	DW 8616F-28	Client	Encana
Field	Double Willow	SIR No.	BUNM-00118
Engineer	Matt Fair/Jordan Moreland	Job Type	9 5/8 Surface
Country	United States	Job Date	09-14-2011



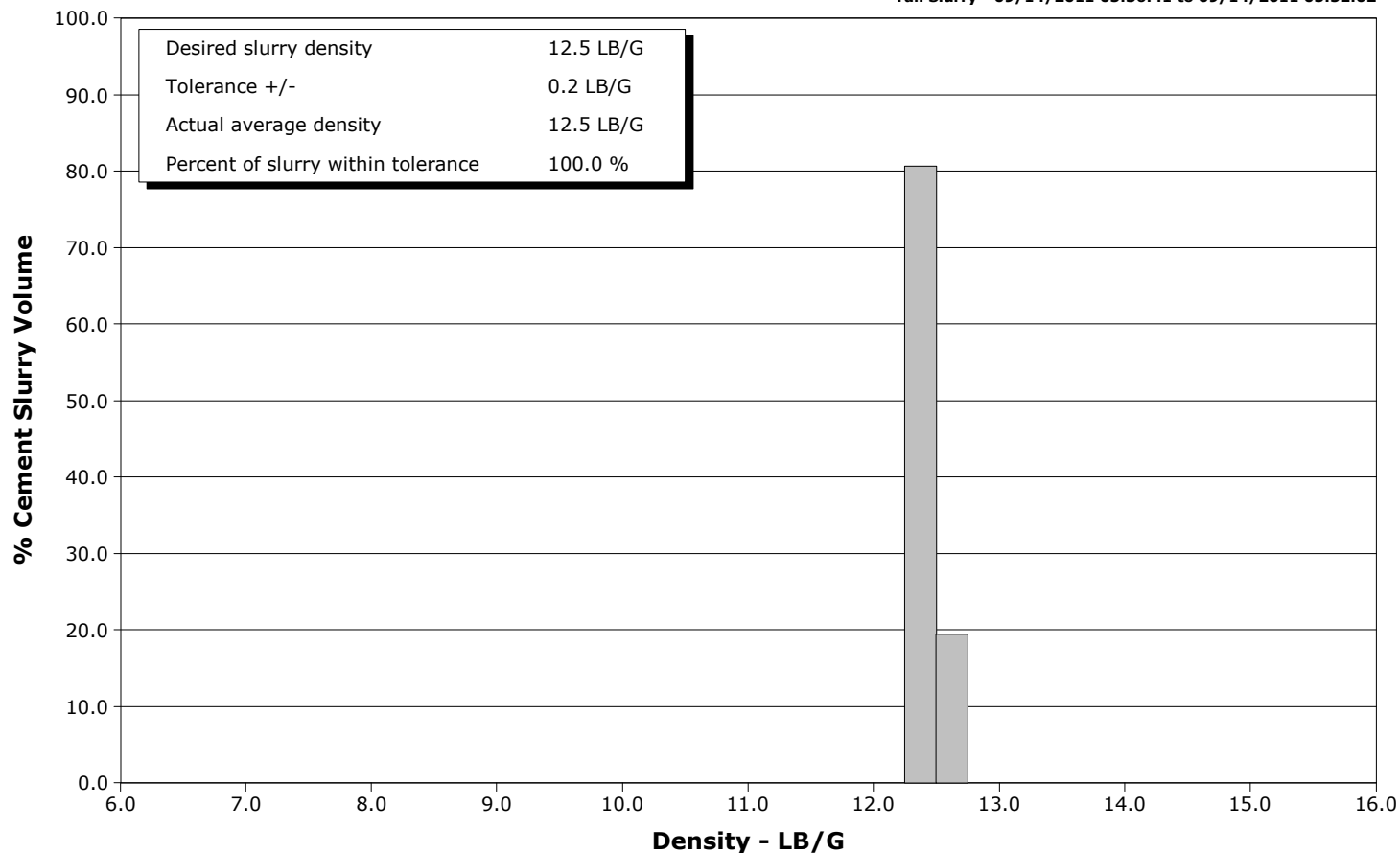
Well DW 8616F-28
Field Double Willow
Engineer Matt Fair/Jordan Moreland
Country United States

Client Encana
SIR No. BUNM-00118
Job Type 9 5/8 Surface
Job Date 09-14-2011

Lead Slurry - 09/14/2011 04:55:04 to 09/14/2011 05:34:08



Tail Slurry - 09/14/2011 05:36:41 to 09/14/2011 05:52:02



				Customer Encana				Job Number BUNM-00118			
Well DW 8616F-28			Location (legal)			Schlumberger Location			Job Start Sep/14/2011		
Field Double Willow		Formation Name/Type Shale		Deviation deg		Bit Size 14.8 in		Well MD 2127.0 ft		Well TVD 2127.0 ft	
County Garfield		State/Province Colorado		BHP psi		BHST 106 degF		BHCT 90 degF		Pore Press. Gradient lb/gal	
Well Master 0631308213		API/UWI									
Rig Name Patterson 308		Drilled For Gas		Service Via Land		Casing/Liner					
						Depth, ft		Size, in		Weight, lb/ft	
Offshore Zone		Well Class New		Well Type Development		120.0		16.0		65.0	
						2127.0		9.6		36.0	
										K55	
										8RD	
Drilling Fluid Type Bentonite		Max. Density 9.10 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe					
						T/D		Depth, ft		Size, in	
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	
						ft		ft			
						ft		ft		Diameter in	
						ft		ft			
						Treat Down Casing		Displacement 161.0 bbl		Packer Type	
										Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 165.0 bbl		Annular Vol. 260.0 bbl	
										Openhole Vol. 426.0 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 1052 psi				Shoe Type Float				Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 2127.0 ft				Tool Type			
No. Centralizers 24		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/14/2011 03:00		Arrived on Location Sep/14/2011 03:00		Leave Location Sep/14/2011 08:00		Collar Type Float				Tail Pipe Depth ft	
						Collar Depth 2080.0 ft				Sqz. Total Vol. bbl	
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message						
09/14/2011	04:30:59	8.41	-2	0.0	Started Acquisition						
09/14/2011	04:31:03	8.41	-2	0.0	Start Job						
09/14/2011	04:32:39	8.41	-2	0.0							
09/14/2011	04:34:19	8.41	-4	0.0							
09/14/2011	04:35:59	8.41	-3	0.0							
09/14/2011	04:37:39	8.41	567	0.0							
09/14/2011	04:37:59	8.41	561	0.0	Pressure Test Lines						
09/14/2011	04:38:00	8.41	561	0.0	Low PSI test good						
09/14/2011	04:38:45	8.41	2151	0.1	Pressure Test Lines						
09/14/2011	04:39:02	8.41	3388	0.0	High PSI test good						
09/14/2011	04:39:19	8.41	3348	0.0							
09/14/2011	04:40:59	8.41	19	0.0							
09/14/2011	04:42:39	8.41	16	0.0							
09/14/2011	04:44:19	8.40	15	0.0							
09/14/2011	04:44:50	8.41	25	0.7	Start Pumping Spacer						
09/14/2011	04:44:58	9.17	32	0.7	50 bbl MUDPUSH II						
09/14/2011	04:45:11	10.03	61	1.4	Good returns						
09/14/2011	04:45:59	10.08	56	4.5							
09/14/2011	04:47:39	10.16	177	6.2							
09/14/2011	04:49:19	10.12	136	6.4							
09/14/2011	04:50:59	10.06	142	6.4							

Well DW 8616F-28			Field Double Willow	Job Start Sep/14/2011	Customer Encana	Job Number BUNM-00118
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message	
09/14/2011	04:53:05	10.06	39	4.4	End Spacer	
09/14/2011	04:53:07	10.07	38	4.3	Start Cement Slurry	
09/14/2011	04:53:09	10.08	42	4.4	Start Mixing Scav Slurry	
09/14/2011	04:53:10	10.10	43	4.4	Bring to weight	
09/14/2011	04:54:19	10.75	51	4.4		
09/14/2011	04:55:03	10.95	188	6.4	End Scavenger Slurry	
09/14/2011	04:55:04	10.95	225	6.4	Start Mixing Lead Slurry	
09/14/2011	04:55:06	10.95	253	6.2	241 bbl 11.0 lead	
09/14/2011	04:55:19	10.93	203	6.2	Good returns	
09/14/2011	04:55:59	10.99	191	6.4		
09/14/2011	04:57:36	11.02	173	6.2	Took wet/dry samples	
09/14/2011	04:57:39	11.02	146	6.2		
09/14/2011	04:59:19	11.00	204	6.2		
09/14/2011	05:00:59	11.01	228	6.5		
09/14/2011	05:02:39	11.05	237	6.4		
09/14/2011	05:04:19	11.03	216	6.4		
09/14/2011	05:05:59	11.02	233	6.6		
09/14/2011	05:07:39	11.01	230	6.6		
09/14/2011	05:09:19	11.01	226	6.6		
09/14/2011	05:10:59	11.00	219	6.6		
09/14/2011	05:12:39	11.01	223	6.6		
09/14/2011	05:14:19	11.00	221	6.6		
09/14/2011	05:15:59	10.99	223	6.6		
09/14/2011	05:17:39	10.99	237	6.6		
09/14/2011	05:19:19	11.01	238	6.6		
09/14/2011	05:20:59	11.01	222	6.6		
09/14/2011	05:22:39	11.01	233	6.6		
09/14/2011	05:24:19	11.00	239	6.6		
09/14/2011	05:25:59	11.01	238	6.6		
09/14/2011	05:27:39	11.01	249	6.6		
09/14/2011	05:29:19	11.01	235	6.6		
09/14/2011	05:30:59	11.00	238	6.6		
09/14/2011	05:32:39	11.02	133	4.6		
09/14/2011	05:34:08	11.15	40	2.3	End Lead Slurry	
09/14/2011	05:34:09	11.15	44	2.2	Start Mixing Scav Slurry	
09/14/2011	05:34:19	11.40	43	2.2		
09/14/2011	05:34:31	11.63	49	2.6	Bring to weight	
09/14/2011	05:35:59	12.30	118	2.9		
09/14/2011	05:36:40	12.42	145	4.6	End Scavenger Slurry	
09/14/2011	05:36:41	12.42	149	4.6	Start Mixing Tail Slurry	
09/14/2011	05:36:42	12.42	145	4.6	80 bbl 12.5 tail	
09/14/2011	05:36:58	12.43	155	4.6	Good returns	
09/14/2011	05:37:09	12.40	157	4.6	Took wet/dry samples	
09/14/2011	05:37:11	12.40	154	4.6	Wet sample = 12.5 on mudscales	
09/14/2011	05:37:39	12.42	159	4.6		
09/14/2011	05:39:19	12.47	145	4.6		
09/14/2011	05:40:59	12.46	160	4.6		
09/14/2011	05:42:39	12.47	156	4.6		
09/14/2011	05:44:19	12.47	159	4.6		
09/14/2011	05:45:59	12.48	152	4.6		
09/14/2011	05:47:39	12.49	155	4.6		
09/14/2011	05:49:19	12.50	150	4.6		
09/14/2011	05:50:59	12.52	159	4.6		
09/14/2011	05:52:02	12.58	157	4.6	End Tail Slurry	

Well DW 8616F-28			Field Double Willow	Job Start Sep/14/2011	Customer Encana	Job Number BUNM-00118
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message	
09/14/2011	05:52:39	12.73	10	0.0		
09/14/2011	05:54:19	12.77	11	0.0		
09/14/2011	05:55:02	12.80	14	0.0	Drop Top Plug	
09/14/2011	05:55:59	12.84	12	0.0		
09/14/2011	05:56:05	12.85	11	0.0	Start Displacement	
09/14/2011	05:57:39	9.20	40	2.4		
09/14/2011	05:59:19	8.50	40	3.3		
09/14/2011	05:59:29	8.61	60	3.9	Displace 161 bbl H2O	
09/14/2011	05:59:40	8.58	39	3.3	Good returns	
09/14/2011	06:00:59	8.28	75	4.6		
09/14/2011	06:02:39	8.44	82	4.8		
09/14/2011	06:04:19	8.42	176	6.6		
09/14/2011	06:05:59	8.41	197	6.6		
09/14/2011	06:07:39	8.41	211	6.5		
09/14/2011	06:09:19	8.41	241	6.5		
09/14/2011	06:10:59	8.41	263	6.5		
09/14/2011	06:12:39	8.41	302	6.5		
09/14/2011	06:14:19	8.41	332	6.5		
09/14/2011	06:15:59	8.41	360	6.5		
09/14/2011	06:17:39	8.41	457	6.5		
09/14/2011	06:19:19	8.41	502	6.5		
09/14/2011	06:20:49	8.41	454	6.5	100 bbl cement to surface	
09/14/2011	06:20:59	8.41	531	6.5		
09/14/2011	06:22:39	8.41	486	4.0		
09/14/2011	06:24:19	8.41	418	2.3		
09/14/2011	06:25:59	8.41	412	2.3		
09/14/2011	06:27:23	8.41	405	2.3	End Displacement	
09/14/2011	06:27:24	8.41	401	2.3	Bump Top Plug	
09/14/2011	06:27:39	8.41	405	2.3		
09/14/2011	06:29:19	8.41	933	0.0		
09/14/2011	06:30:42	8.41	935	0.0	Bumped plug @ 1000 PSI	
09/14/2011	06:30:59	8.41	936	0.0		
09/14/2011	06:32:39	8.41	941	0.0		
09/14/2011	06:34:18	8.41	10	0.0	Float held	
09/14/2011	06:34:19	8.41	10	0.0		
09/14/2011	06:35:59	8.42	8	0.0		
09/14/2011	06:37:39	8.41	7	0.0		
09/14/2011	06:39:19	8.41	7	0.0		
09/14/2011	06:40:59	8.42	7	0.0		
09/14/2011	06:41:31	8.42	7	0.0	1 bbl back	

Well DW 8616F-28	Field Double Willow	Job Start Sep/14/2011	Customer Encana	Job Number BUNM-00118
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 4.3	N2	Mud	Maximum Rate 6.6		Total Slurry 321.0	Mud 0.0	Spacer 49.6	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 3576	Final 7	Average 277	Bump Plug to 1000	Breakdown	Type	Volume bbl		Density lb/gal
Avg. N2 Percent %		Designed Slurry Volume 321.0 bbl	Displacement 160.5 bbl	Mix Water Temp 63 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			Schlumberger Supervisor			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
James Retherford			Matt Fair/Jordan Moreland			-		-



Service Quality Evaluation

Client:	Encana
Field:	Double Willow
Rig:	Patterson 308
Well:	DW 8616F-28
Service Line:	Cementing
Job Type:	9 5/8 Surface

Service Order #:	
Date:	Sep/14/2011
Operating Time (hh:mm):	00:00
Client Rep:	James Retherford
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: