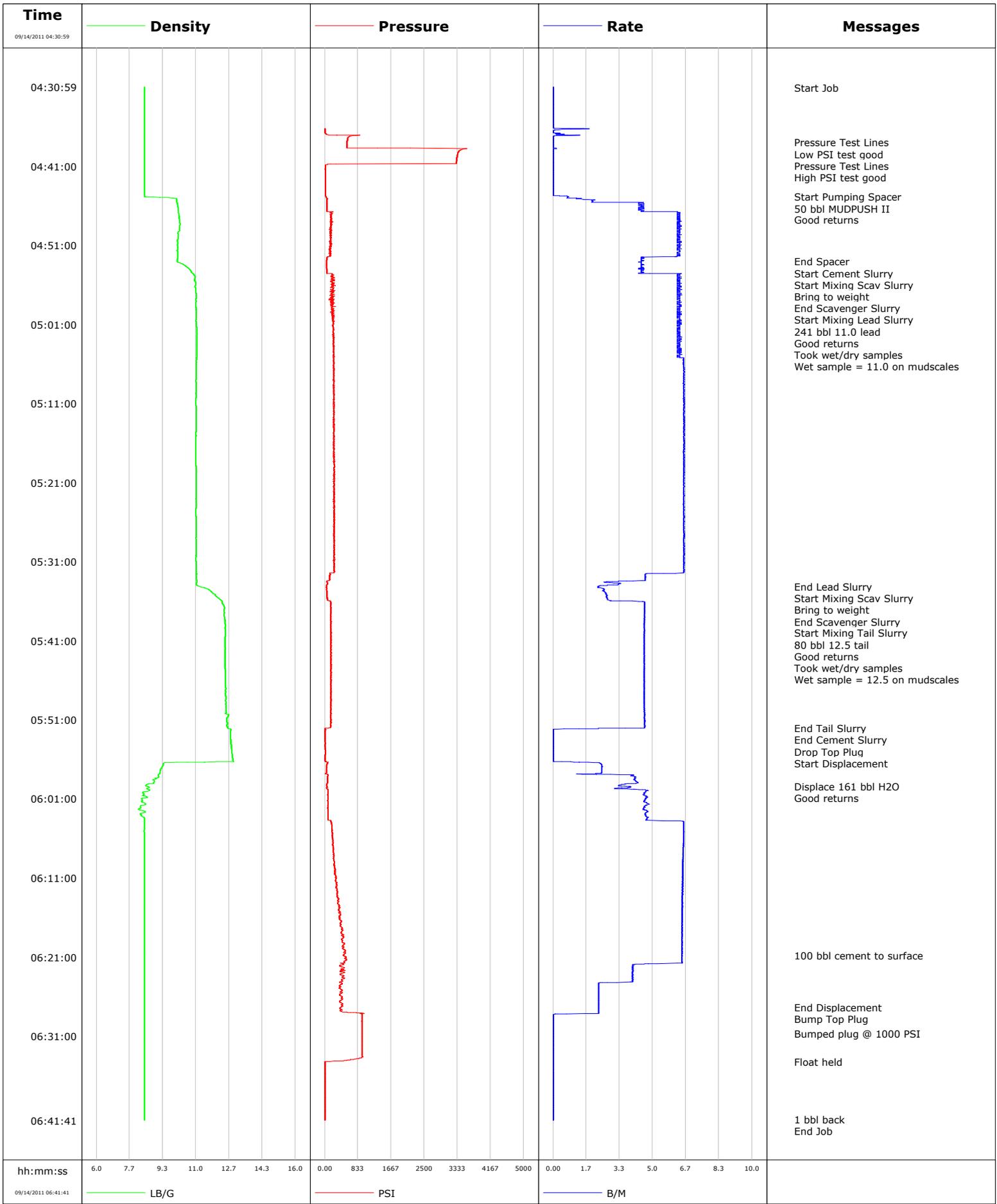


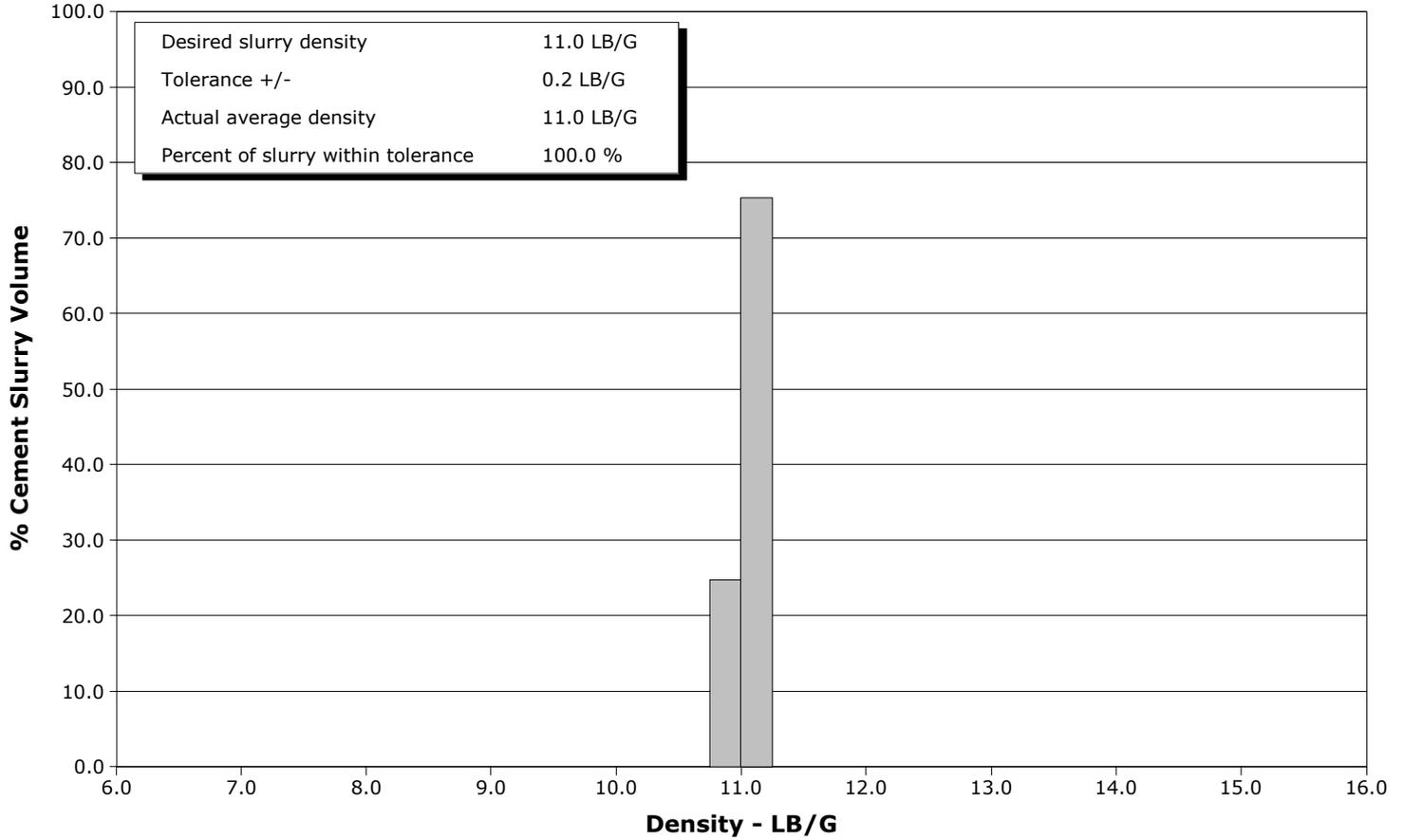
Well	DW 8616F-28	Client	Encana
Field	Double Willow	SIR No.	BUNM-00118
Engineer	Matt Fair/Jordan Moreland	Job Type	9 5/8 Surface
Country	United States	Job Date	09-14-2011



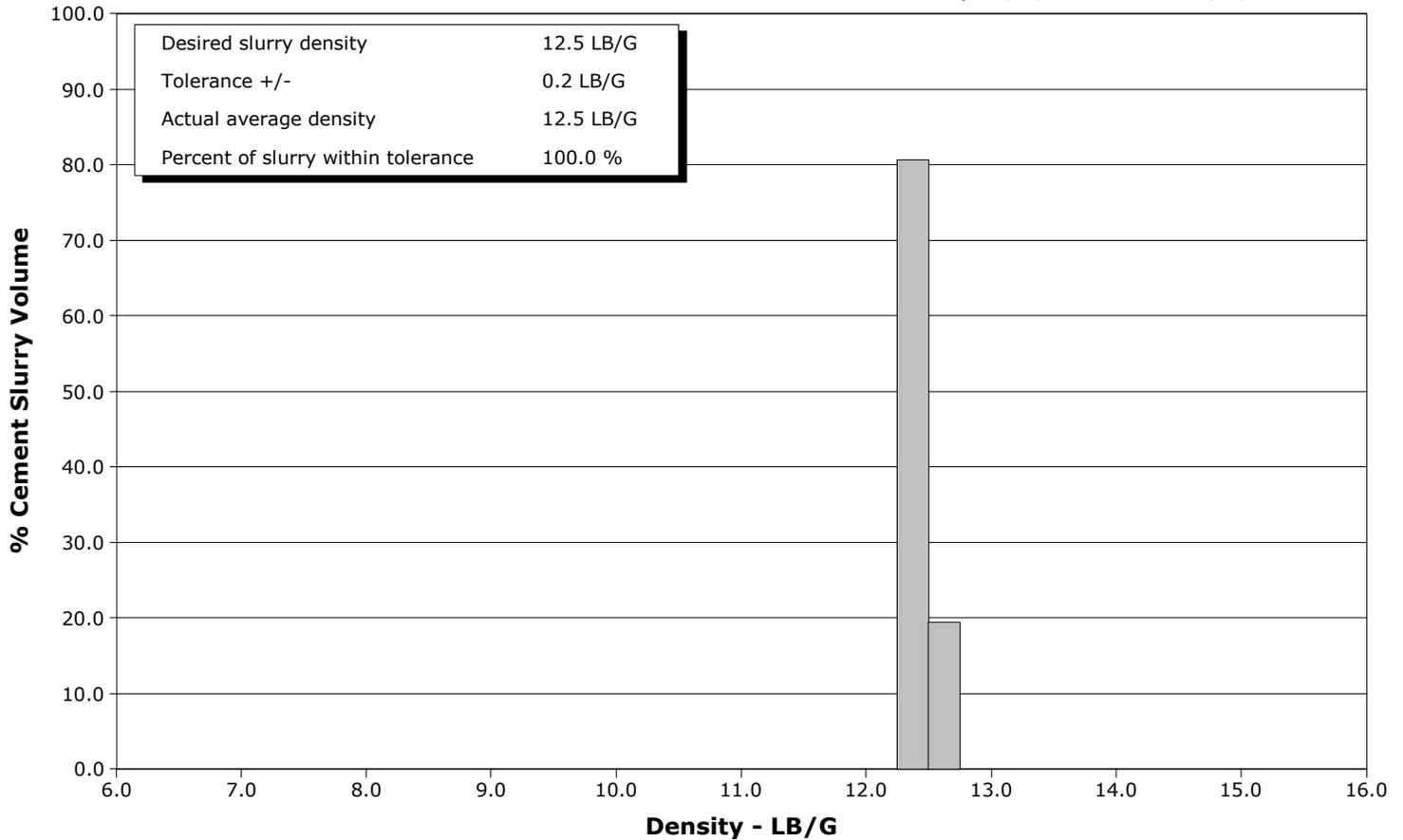
Well DW 8616F-28
Field Double Willow
Engineer Matt Fair/Jordan Moreland
Country United States

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			Job Number			
				Encana			BUNM-00118			
Well		Location (legal)			Schlumberger Location			Job Start		
DW 8616F-28								Sep/14/2011		
Field		Formation Name/Type			Deviation	Bit Size	Well MD		Well TVD	
Double Willow		Shale			deg	14.8 in	2127.0 ft		2127.0 ft	
County		State/Province			BHP	BHST	BHCT	Pore Press. Gradient		
Garfield		Colorado			psi	106 degF	90 degF	lb/gal		
Well Master		API/UWI								
0631308213										
Rig Name	Drilled For		Service Via		Casing/Liner					
Patterson 308	Gas		Land		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class		Well Type		120.0	16.0	65.0			
	New		Development		2127.0	9.6	36.0	K55	8RD	
Drilling Fluid Type		Max. Density	Plastic Viscosity		Tubing/Drill Pipe					
Bentonite		9.10 lb/gal	cP		T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line	Job Type									
Cementing	9 5/8 Surface									
Max. Allowed Tub. Press	Max. Allowed Ann. Press		WH Connection		Perforations/Open Hole					
3520 psi	2030 psi		9 5/8		Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval	
Service Instructions Cement 9 5/8" Surface casing 472 sks 11.0 lead 247 sks 12.5 tail					ft	ft			ft	
					ft	ft			Diameter	
					ft	ft			in	
Treat Down	Displacement		Packer Type		Packer Depth					
Casing	161.0 bbl				ft					
Tubing Vol.	Casing Vol.		Annular Vol.		Openhole Vol.					
bbl	165.0 bbl		260.0 bbl		426.0 bbl					
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement	Casing Tools		Squeeze Job					
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								
Lift Pressure		Shoe Type		Shoe Depth		Squeeze Type				
1052 psi		Float		2127.0 ft						
Pipe Rotated		Pipe Reciprocated		Stage Tool Type		Tool Type				
<input type="checkbox"/>		<input type="checkbox"/>								
No. Centralizers	Top Plugs	Bottom Plugs	Stage Tool Depth		Tool Depth					
24	1	0	ft		ft					
Cement Head Type		Stage Tool Depth		Tail Pipe Size						
Single		ft		in						
Job Scheduled For		Arrived on Location	Leave Location		Collar Type		Tail Pipe Depth			
Sep/14/2011 03:00		Sep/14/2011 03:00	Sep/14/2011 08:00		Float		ft			
		Collar Depth		Sqz. Total Vol.						
		2080.0 ft		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		Field		Job Start	Customer	Job Number
DW 8616F-28		Double Willow		Sep/14/2011	Encana	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		Field		Job Start	Customer	Job Number
DW 8616F-28		Double Willow		Sep/14/2011	Encana	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 James Retherford			Schlumberger Supervisor Matt Fair/Jordan Moreland		Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
					-	-		

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 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%

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: