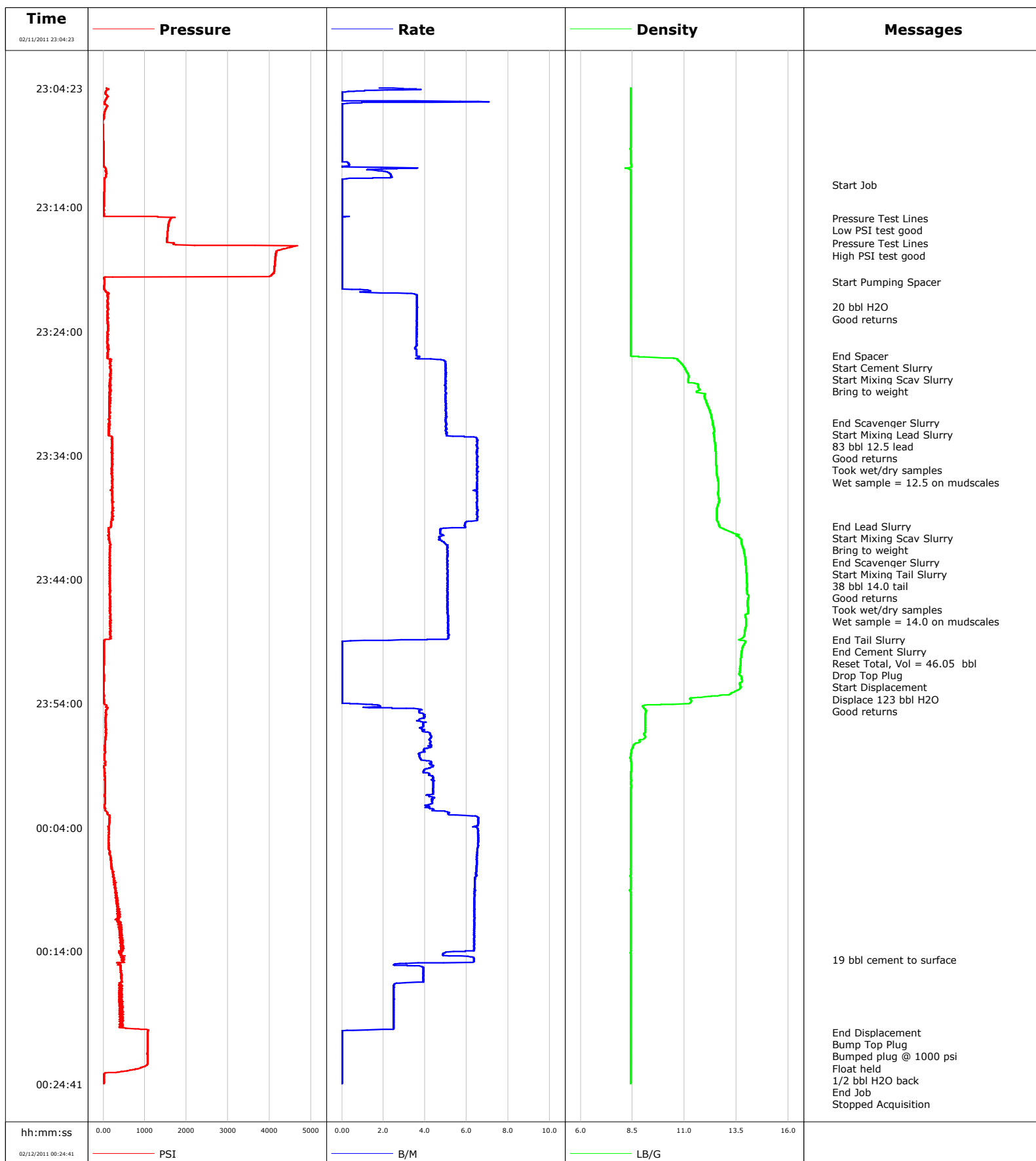


Well MF06D-16
Field N. Parachute
Engineer Matt Fair
Country United States

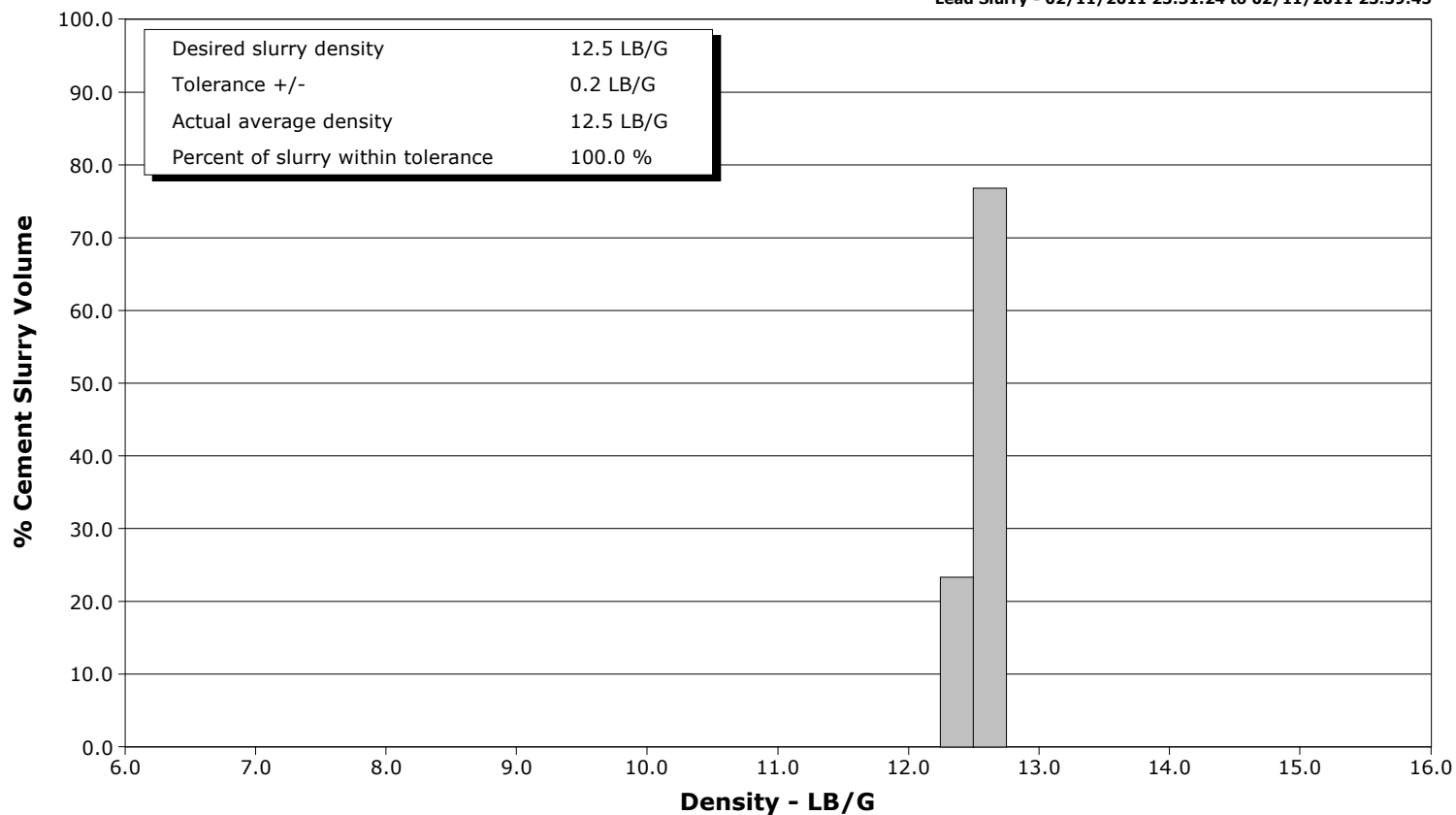
Client Encana
SIR No. BAD4-00298
Job Type 9 5/8 Surface
Job Date 02-11-2011



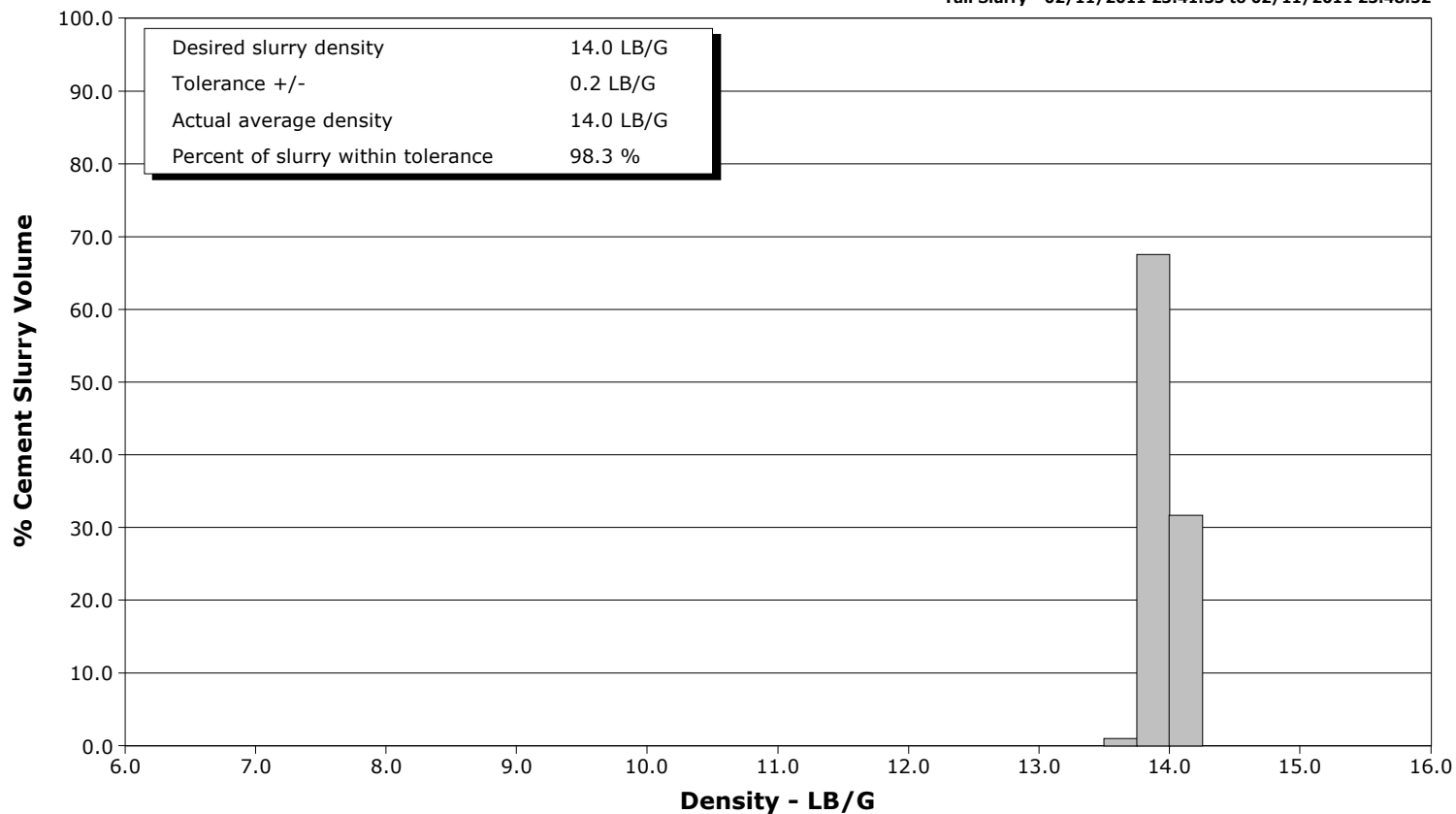
Well MF06D-16
Field N. Parachute
Engineer Matt Fair
Country United States

Client Encana
SIR No. BAD4-00298
Job Type 9 5/8 Surface
Job Date 02-11-2011

Lead Slurry - 02/11/2011 23:31:24 to 02/11/2011 23:39:45



Tail Slurry - 02/11/2011 23:41:35 to 02/11/2011 23:48:52





Cementing Service Report

				Customer Encana		Job Number BAD4-00298		
Well MF06D-16			Location (legal)		Schlumberger Location		Job Start Feb/11/2011	
Field N. Parachute		Formation Name/Type Shale		Deviation	Bit Size 12.3 in	Well MD 1631.0 ft	Well TVD 1631.0 ft	
County Garfield		State/Province Colorado		BHP	BHST 100 degF	BHCT 86 degF	Pore Press. Gradient	
Well Master 0631240394		API/UWI						
Rig Name Patterson 303		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	120.0	16.000	65.0	N/A	N/A
				1631.0	9.630	36.0	J55	8RD
Drilling Fluid Type Bentonite		Max. Density 9.30 lb/gal	Plastic Viscosity	Tubing/Drill Pipe				
				Depth,	Size,	Weight,	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,	Bottom,		No. of Shots	Total Interval
								Diameter
				Treat Down Casing	Displacement 123.0 bbl	Packer Type	Packer Depth	
				Tubing Vol.	Casing Vol. 126.0 bbl	Annular Vol. 96.0 bbl	Openhole Vol. 227.0 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 807 psi				Shoe Type Float		Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 1631.0 ft		Tool Type		
No. Centralizers 22		Top Plugs 1	Bottom Plugs 0	Stage Tool Type		Tool Depth		
Cement Head Type Single				Stage Tool Depth		Tail Pipe Size		
Job Scheduled For Feb/11/2011 15:00		Arrived on Location Feb/11/2011 15:00		Leave Location Feb/11/2011		Collar Type Float		Tail Pipe Depth
						Collar Depth 1610.0 ft		Sqz. Total Vol.
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
02/11/2011	22:39:26					Started Acquisition		
02/11/2011	22:44:47					Rig up per STD 5		
02/11/2011	22:44:47					Safety meeting		
02/11/2011	23:04:23	74	1.8	8.42	0.0			
02/11/2011	23:04:26	82	2.8	8.42	0.1			
02/11/2011	23:06:06	62	0.0	8.43	1.5			
02/11/2011	23:07:46	-1	0.0	8.42	1.5			
02/11/2011	23:09:26	10	0.0	8.41	1.5			
02/11/2011	23:11:06	74	1.9	8.42	2.2			
02/11/2011	23:12:09					Start Job		
02/11/2011	23:12:09	25	0.0	8.42	3.6			
02/11/2011	23:12:46	24	0.0	8.42	3.6			
02/11/2011	23:14:26	10	0.0	8.42	3.6			
02/11/2011	23:14:53					Pressure Test Lines		
02/11/2011	23:14:53	1646	0.0	8.42	3.6			
02/11/2011	23:14:54					Low PSI test good		
02/11/2011	23:14:54	1637	0.0	8.42	3.6			
02/11/2011	23:16:06	1544	0.0	8.42	3.6			
02/11/2011	23:16:56					Pressure Test Lines		
02/11/2011	23:16:56	1695	0.0	8.42	3.6			
02/11/2011	23:16:57					High PSI test good		

Well			Field	Job Start	Customer	Job Number
MF06D-16			N. Parachute	Feb/11/2011	Encana	BAD4-00298
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
02/11/2011	23:17:46	4152	0.0	8.42	3.6	
02/11/2011	23:19:26	4062	0.0	8.42	3.6	
02/11/2011	23:20:01					Start Pumping Spacer
02/11/2011	23:20:01	25	0.0	8.42	3.6	
02/11/2011	23:21:06	101	3.6	8.42	4.5	
02/11/2011	23:22:03					20 bbl H2O
02/11/2011	23:22:03	110	3.6	8.42	8.0	
02/11/2011	23:22:04					Good returns
02/11/2011	23:22:04	105	3.6	8.42	8.0	
02/11/2011	23:22:46	102	3.6	8.42	10.5	
02/11/2011	23:24:26	123	3.6	8.42	16.5	
02/11/2011	23:25:57					End Spacer
02/11/2011	23:25:57	98	3.6	8.42	22.0	
02/11/2011	23:25:59					Start Cement Slurry
02/11/2011	23:25:59	102	3.6	8.42	22.1	
02/11/2011	23:26:00					Start Mixing Scav Slurry
02/11/2011	23:26:00	121	3.6	8.42	22.2	
02/11/2011	23:26:01					Bring to weight
02/11/2011	23:26:01	108	3.6	8.42	22.2	
02/11/2011	23:26:06	120	3.7	9.09	22.5	
02/11/2011	23:27:46	181	5.0	11.20	30.6	
02/11/2011	23:29:26	174	5.0	11.99	38.9	
02/11/2011	23:31:06	128	5.0	12.32	47.3	
02/11/2011	23:31:23					End Scavenger Slurry
02/11/2011	23:31:23	157	5.0	12.36	48.7	
02/11/2011	23:31:24					Start Mixing Lead Slurry
02/11/2011	23:31:24	157	5.0	12.36	48.8	
02/11/2011	23:31:25					83 bbl 12.5 lead
02/11/2011	23:31:25					Good returns
02/11/2011	23:31:25					Took wet/dry samples
02/11/2011	23:31:25					Wet sample = 12.5 on mudscales
02/11/2011	23:31:25	148	5.0	12.36	48.8	
02/11/2011	23:32:46	210	6.5	12.44	56.0	
02/11/2011	23:34:26	215	6.5	12.51	66.8	
02/11/2011	23:36:06	215	6.5	12.62	77.7	
02/11/2011	23:37:46	242	6.5	12.66	88.5	
02/11/2011	23:39:26	179	5.9	12.64	99.3	
02/11/2011	23:39:45					End Lead Slurry
02/11/2011	23:39:45	184	5.9	12.67	101.2	
02/11/2011	23:39:48					Start Mixing Scav Slurry
02/11/2011	23:39:48	187	5.9	12.69	101.5	
02/11/2011	23:39:49					Bring to weight
02/11/2011	23:39:49	187	5.9	12.69	101.6	
02/11/2011	23:41:06	164	5.0	13.76	107.7	
02/11/2011	23:41:34					End Scavenger Slurry
02/11/2011	23:41:34	162	5.1	13.83	110.1	
02/11/2011	23:41:35					Start Mixing Tail Slurry
02/11/2011	23:41:35	173	5.1	13.84	110.2	
02/11/2011	23:41:36					38 bbl 14.0 tail
02/11/2011	23:41:36					Good returns
02/11/2011	23:41:36					Took wet/dry samples
02/11/2011	23:41:36	153	5.0	13.84	110.3	
02/11/2011	23:41:37					Wet sample = 14.0 on mudscales
02/11/2011	23:41:37	165	5.0	13.84	110.3	

Well			Field	Job Start	Customer	Job Number
MF06D-16			N. Parachute	Feb/11/2011	Encana	BAD4-00298
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
02/11/2011	23:44:26	176	5.1	14.00	124.6	
02/11/2011	23:46:06	157	5.1	14.04	133.1	
02/11/2011	23:47:46	167	5.1	13.97	141.6	
02/11/2011	23:48:52					End Tail Slurry
02/11/2011	23:48:52	49	4.1	13.64	147.2	
02/11/2011	23:48:53					End Cement Slurry
02/11/2011	23:48:53	49	4.1	13.64	147.3	
02/11/2011	23:48:54					Reset Total, Vol = 46.05 bbl
02/11/2011	23:48:54	28	2.9	13.62	147.3	
02/11/2011	23:48:55					Drop Top Plug
02/11/2011	23:48:55	19	2.2	13.70	147.4	
02/11/2011	23:48:56					Start Displacement
02/11/2011	23:48:56	19	2.2	13.70	147.4	
02/11/2011	23:48:58					Displace 123 bbl H2O
02/11/2011	23:48:58	25	0.4	13.90	147.4	
02/11/2011	23:48:59					Good returns
02/11/2011	23:48:59	25	0.4	13.90	147.5	
02/11/2011	23:49:26	18	0.0	13.81	147.5	
02/11/2011	23:51:06	10	0.0	13.67	147.5	
02/11/2011	23:52:46	7	0.0	13.67	147.5	
02/11/2011	23:54:26	99	3.5	9.08	148.1	
02/11/2011	23:56:06	65	3.9	9.11	154.5	
02/11/2011	23:57:46	35	4.0	8.45	161.5	
02/11/2011	23:59:26	32	3.9	8.44	168.2	
02/12/2011	00:01:06	46	4.4	8.43	175.4	
02/12/2011	00:02:46	92	5.1	8.42	182.6	
02/12/2011	00:04:26	129	6.5	8.41	193.1	
02/12/2011	00:06:06	172	6.5	8.42	203.9	
02/12/2011	00:07:46	229	6.5	8.41	214.7	
02/12/2011	00:09:26	303	6.4	8.41	225.4	
02/12/2011	00:11:06	386	6.4	8.42	236.0	
02/12/2011	00:12:46	399	6.4	8.42	246.6	
02/12/2011	00:14:26	461	6.1	8.42	256.7	
02/12/2011	00:14:40					19 bbl cement to surface
02/12/2011	00:14:40	478	6.3	8.42	258.2	
02/12/2011	00:16:06	434	3.9	8.42	264.1	
02/12/2011	00:17:46	446	2.5	8.42	268.9	
02/12/2011	00:19:26	454	2.5	8.42	273.1	
02/12/2011	00:20:32					End Displacement
02/12/2011	00:20:32	1065	0.0	8.42	275.3	
02/12/2011	00:20:33					Bump Top Plug
02/12/2011	00:20:33	1065	0.0	8.42	275.3	
02/12/2011	00:20:34					Bumped plug @ 1000 psi
02/12/2011	00:20:34	1065	0.0	8.42	275.3	
02/12/2011	00:21:06	1063	0.0	8.42	275.3	
02/12/2011	00:22:40					Float held
02/12/2011	00:22:40	1063	0.0	8.42	275.3	
02/12/2011	00:22:46	1062	0.0	8.42	275.3	
02/12/2011	00:23:58					1/2 bbl H2O back
02/12/2011	00:23:58	22	0.0	8.42	275.3	
02/12/2011	00:24:26	19	0.0	8.42	275.3	
02/12/2011	00:24:35					End Job
02/12/2011	00:24:35	19	0.0	8.42	275.3	

Well	Field	Job Start	Customer	Job Number
MF06D-16	N. Parachute	Feb/11/2011	Encana	BAD4-00298

Post Job Summary

Average Pump Rates,					Volume of Fluid Injected,			
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2
Treating Pressure Summary,					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to 1000	Breakdown	Type	Volume		Density
Avg. N2 Percent	Designed Slurry Volume 121.0 bbl		Displacement	Mix Water Temp 54 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 19.0 bbl		
Customer or Authorized Representative Floyd Roberts				Schlumberger Supervisor Matt Fair		Washed Thru Perfs <input type="checkbox"/>		To
						Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
						-		-



Service Order #:	
Date:	Feb/11/2011
Operating Time:	0.0
Client Rep:	Encana
Schlumberger Engineer:	Matt Fair
Schlumberger FSM:	

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

2	Design / Preparation					
2a	Program incl. job simulation (CemCADE) & pump schedule / tool hydraulic calcs	3	yes	<input checked="" type="checkbox"/>	no	<input type="checkbox"/>
2b	Equipment maintenance schedule completed / Green tagged	2	yes	<input checked="" type="checkbox"/>	no	<input type="checkbox"/>
2c	All materials and equipment required for job/contingency checked & on location	2	yes	<input checked="" type="checkbox"/>	no	<input type="checkbox"/>
2d	Safety / pre-job meeting conducted with all involved present	2	yes	<input checked="" type="checkbox"/>	no	<input type="checkbox"/>
					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%
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Client:	Schlumberger:
Client Signature:	Schlumberger Signature: