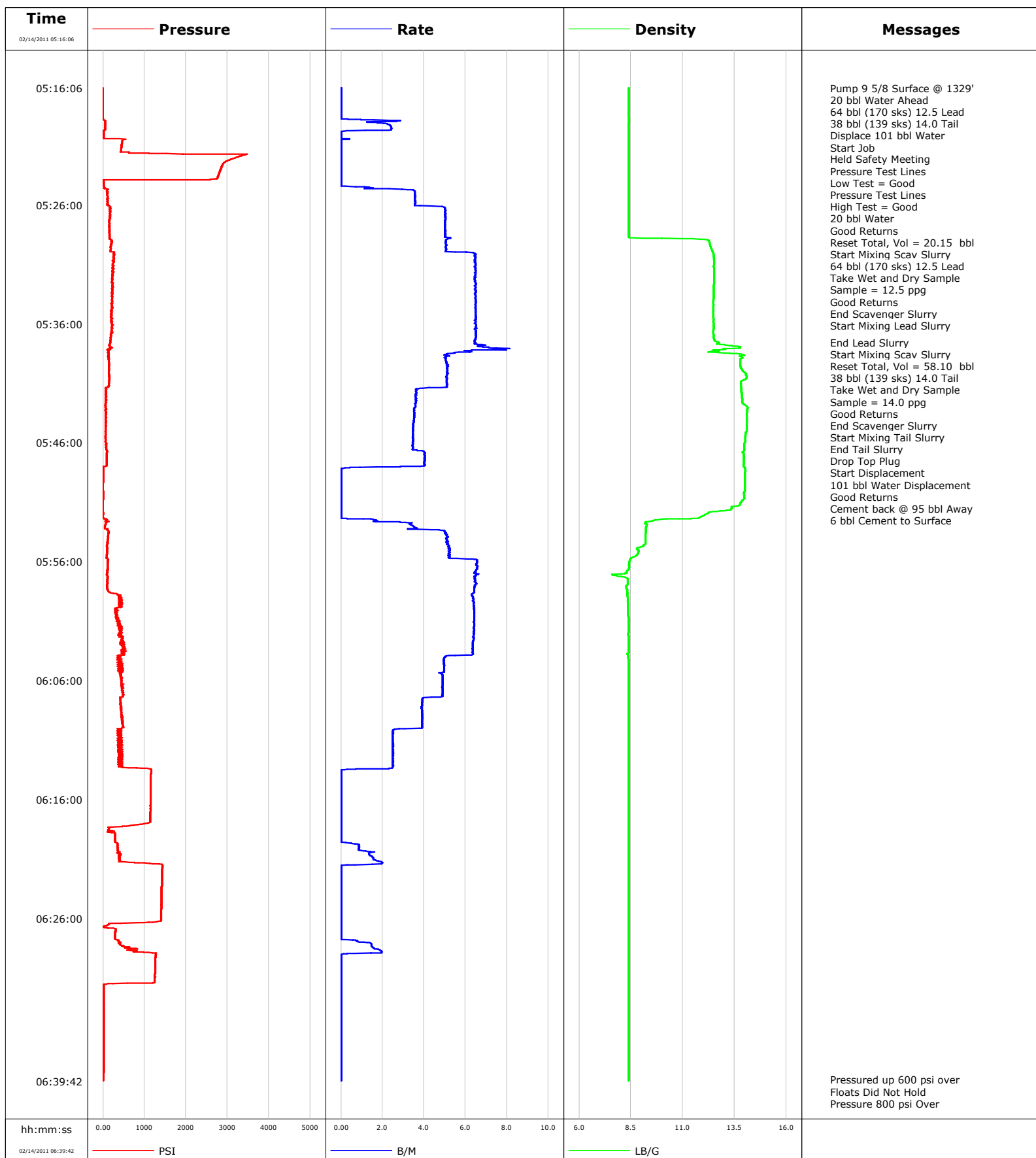


Well MF12B-16 H17 696
Field N Parachute
Engineer Tom Leduc
Country United States

Client Encana
SIR No.
Job Type 9 5/8 Surface
Job Date 02-14-2011





Cementing Service Report

				Customer Encana		Job Number BAD4-00300		
Well MF12B-16 H17 696 MF12B-16 H17 696			Location (legal) N Parachute		Schlumberger Location Grand Junction		Job Start Feb/14/2011	
Field N Parachute		Formation Name/Type Shale		Deviation 0 deg	Bit Size 12.3 in	Well MD 1329.0 ft		Well TVD 1350.0 ft
County Garfield		State/Province Colorado		BHP	BHST 99 degF	BHCT 86 degF	Pore Press. Gradient	
Well Master 0631240397		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 Development	1329.0	9.630	36.0	J55	8rd	
			0.0	0.000	0.0			
Drilling Fluid Type Bentonite		Max. Density 9.20 lb/gal	Plastic Viscosity 10.000 cP	Tubing/Drill Pipe				
				Depth,	Size,	Weight,	Grade	Thread
Service Line Cementing	Job Type 9 5/8 Surface							
Max. Allowed Tub. Press 3000 psi	Max. Allowed Ann. Press 500 psi	WH Connection Single Cement head	Perforations/Open Hole					
			Top,	Bottom,		No. of Shots	Total Interval	
Service Instructions 9 5/8 Surface							Diameter	
			Treat Down Casing	Displacement 101.0 bbl	Packer Type	Packer Depth		
			Tubing Vol.	Casing Vol. 102.0 bbl	Annular Vol. 84.0 bbl	Openhole Vol. 196.0 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			Shoe Type Float		Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 1329.0 ft		Tool Type		
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Type		Tool Depth		
Cement Head Type Single			Stage Tool Depth		Tail Pipe Size			
Job Scheduled For Feb/14/2011 04:00		Arrived on Location Feb/14/2011 04:00	Leave Location Feb/14/2011 07:00	Collar Type Float		Tail Pipe Depth		
				Collar Depth 1308.0 ft		Sqz. Total Vol.		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
02/14/2011	05:16:06	-2	0.0	8.40	0.0			
02/14/2011	05:16:08					Pump 9 5/8 Surface @ 1329'		
02/14/2011	05:16:08					20 bbl Water Ahead		
02/14/2011	05:16:08					64 bbl (170 sks) 12.5 Lead		
02/14/2011	05:16:08					38 bbl (139 sks) 14.0 Tail		
02/14/2011	05:16:08	-2	0.0	8.40	0.0			
02/14/2011	05:16:09					Displace 101 bbl Water		
02/14/2011	05:16:09	-2	0.0	8.40	0.0			
02/14/2011	05:16:10					Start Job		
02/14/2011	05:16:10	-2	0.0	8.40	0.0			
02/14/2011	05:16:12					Held Safety Meeting		
02/14/2011	05:16:12	-2	0.0	8.40	0.0			
02/14/2011	05:16:13					Pressure Test Lines		
02/14/2011	05:16:13	-2	0.0	8.40	0.0			
02/14/2011	05:16:15					Low Test = Good		
02/14/2011	05:16:15	-2	0.0	8.40	0.0			
02/14/2011	05:16:17					Pressure Test Lines		
02/14/2011	05:16:17	-2	0.0	8.40	0.0			
02/14/2011	05:16:18					High Test = Good		
02/14/2011	05:16:18	-2	0.0	8.40	0.0			
02/14/2011	05:16:19					20 bbl Water		

Well MF12B-16 H17 696 MF12B-16 H17 696			Field N Parachute		Job Start Feb/14/2011	Customer Encana	Job Number BAD4-00300
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
02/14/2011	05:16:19	-2	0.0	8.40	0.0		
02/14/2011	05:18:36	-1	0.0	8.40	0.0		
02/14/2011	05:21:06	444	0.0	8.40	2.1		
02/14/2011	05:23:36	2771	0.0	8.40	2.1		
02/14/2011	05:26:06	165	4.7	8.39	7.6		
02/14/2011	05:28:36					Reset Total, Vol = 20.15 bbl	
02/14/2011	05:28:36	156	5.0	8.39	20.1		
02/14/2011	05:28:38					Start Mixing Scav Slurry	
02/14/2011	05:28:38	156	5.0	8.39	20.3		
02/14/2011	05:28:39					64 bbl (170 sks) 12.5 Lead	
02/14/2011	05:28:39					Take Wet and Dry Sample	
02/14/2011	05:28:39					Sample = 12.5 ppg	
02/14/2011	05:28:39					Good Returns	
02/14/2011	05:28:39	166	5.0	8.39	20.4		
02/14/2011	05:29:34					End Scavenger Slurry	
02/14/2011	05:29:34	195	5.0	12.36	25.1		
02/14/2011	05:29:35					Start Mixing Lead Slurry	
02/14/2011	05:29:35	182	5.1	12.36	25.1		
02/14/2011	05:31:06	237	6.5	12.50	34.4		
02/14/2011	05:33:36	213	6.5	12.49	50.6		
02/14/2011	05:36:06	223	6.5	12.48	66.8		
02/14/2011	05:37:32					End Lead Slurry	
02/14/2011	05:37:32	177	6.5	12.74	76.2		
02/14/2011	05:37:33					Start Mixing Scav Slurry	
02/14/2011	05:37:33	182	6.5	12.74	76.3		
02/14/2011	05:37:51					Reset Total, Vol = 58.10 bbl	
02/14/2011	05:37:51	163	6.6	13.38	78.2		
02/14/2011	05:37:52					38 bbl (139 sks) 14.0 Tail	
02/14/2011	05:37:52					Take Wet and Dry Sample	
02/14/2011	05:37:52	189	6.6	13.55	78.4		
02/14/2011	05:37:53					Sample = 14.0 ppg	
02/14/2011	05:37:53					Good Returns	
02/14/2011	05:37:53	167	6.6	13.69	78.5		
02/14/2011	05:38:36	139	5.0	13.92	83.1		
02/14/2011	05:38:43					End Scavenger Slurry	
02/14/2011	05:38:43					Start Mixing Tail Slurry	
02/14/2011	05:38:43	141	5.1	13.73	83.6		
02/14/2011	05:41:06	139	5.1	13.79	95.8		
02/14/2011	05:43:36	64	3.5	14.09	105.2		
02/14/2011	05:43:58					End Tail Slurry	
02/14/2011	05:43:58	67	3.5	14.09	106.5		
02/14/2011	05:43:59					Drop Top Plug	
02/14/2011	05:43:59	67	3.5	14.09	106.5		
02/14/2011	05:44:00					Start Displacement	
02/14/2011	05:44:00	83	3.5	14.09	106.6		
02/14/2011	05:44:01					101 bbl Water Displacement	
02/14/2011	05:44:01					Good Returns	
02/14/2011	05:44:01	69	3.5	14.09	106.7		
02/14/2011	05:44:02					Cement back @ 95 bbl Away	
02/14/2011	05:44:02					6 bbl Cement to Surface	
02/14/2011	05:44:02	63	3.5	14.10	106.7		
02/14/2011	05:46:06	73	3.5	13.95	113.9		
02/14/2011	05:48:36	4	0.0	14.00	121.4		
02/14/2011	05:51:06	-3	0.0	13.77	121.4		

Well			Field		Job Start		Customer		Job Number	
MF12B-16 H17 696 MF12B-16 H17 696			N Parachute		Feb/14/2011		Encana		BAD4-00300	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
02/14/2011	05:56:06	114	6.5	8.41	138.9					
02/14/2011	05:58:36	169	6.4	8.33	155.1					
02/14/2011	06:01:06	379	6.4	8.39	171.1					
02/14/2011	06:03:36	468	6.3	8.39	187.1					
02/14/2011	06:06:06	454	4.9	8.39	199.8					
02/14/2011	06:08:36	447	3.9	8.39	210.9					
02/14/2011	06:11:06	387	2.5	8.39	219.1					
02/14/2011	06:13:36	1163	0.0	8.39	225.0					
02/14/2011	06:16:06	1145	0.0	8.39	225.0					
02/14/2011	06:18:36	123	0.0	8.39	225.0					
02/14/2011	06:21:06	424	1.6	8.39	226.7					
02/14/2011	06:23:36	1416	0.0	8.40	227.4					
02/14/2011	06:26:06	1403	0.0	8.40	227.4					
02/14/2011	06:28:36	784	1.7	8.40	228.4					
02/14/2011	06:31:06	1248	0.0	8.40	229.1					
02/14/2011	06:33:36	16	0.0	8.40	229.1					
02/14/2011	06:36:06	14	0.0	8.40	229.1					
02/14/2011	06:38:36	13	0.0	8.40	229.1					
02/14/2011	06:39:37					Pressured up 600 psi over				
02/14/2011	06:39:37	10	0.0	8.40	229.1					
02/14/2011	06:39:38					Floats Did Not Hold				
02/14/2011	06:39:38					Pressure 800 psi Over				
02/14/2011	06:39:38					Floats Did Not Hold				
02/14/2011	06:39:38					Pressure up 800 psi Over				
02/14/2011	06:39:38					Shocked Plug				
02/14/2011	06:39:38					Floats Held				
02/14/2011	06:39:38	10	0.0	8.40	229.1					
02/14/2011	06:39:43					Bump Top Plug				
02/14/2011	06:39:43					End Displacement				

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 900	Breakdown	Type FreshWater	Volume 271.0 bbl		Density 8.34 lb/gal
Avg. N2 Percent		Designed Slurry Volume 102.0 bbl		Displacement	Mix Water Temp	Cement Circulated to Surface? <input type="checkbox"/>		Volume
						Washed Thru Perfs <input type="checkbox"/>		To
Customer or Authorized Representative Floyd Roberts				Schlumberger Supervisor Tom Leduc			Circulation Lost <input type="checkbox"/>	Job Completed <input type="checkbox"/>
							-	-