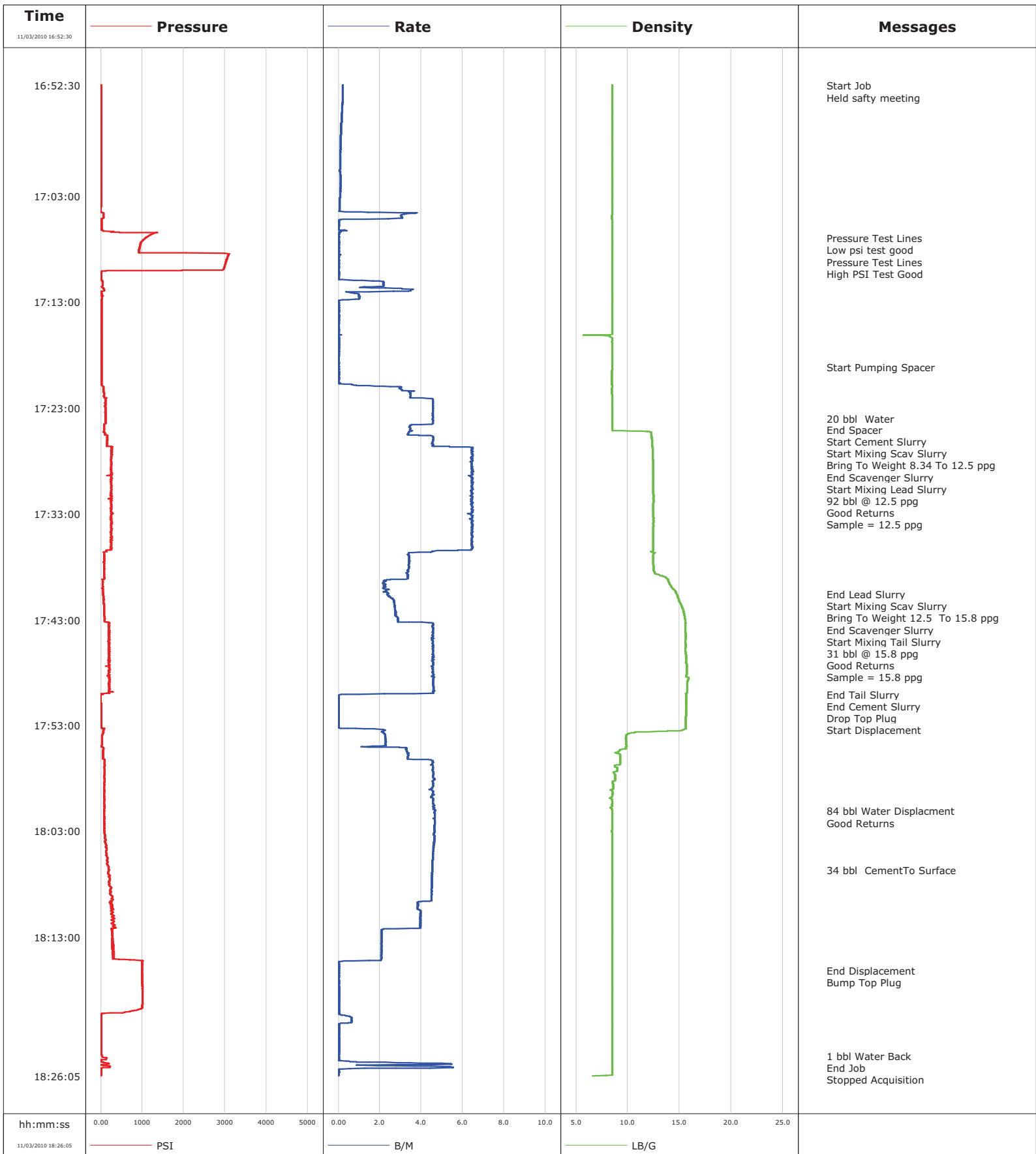


Well	Federal 25-1BB	Client	Ecana
Field	Parachute	SIR No.	BAD4-001207
Engineer	Terry Borg	Job Type	9 5/8 Surface
Country	United States	Job Date	11-03-2010



				Customer Ecana			Job Number BAD4-001207				
Well Federal 25-1BB PH25			Location (legal)			Schlumberger Location GCO			Job Start Nov/02/2010		
Field Parachute		Formation Name/Type Shale		Deviation 0 deg		Bit Size 12.3 in		Well MD 1133.0 ft		Well TVD 1133.0 ft	
County Garfield		State/Province Colorado		BHP		BHST 95 degF		BHCT 81 degF		Pore Press. Gradient	
Well Master 0631162212		API/UWI									
Rig Name Ensign 119		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		1133.0		9.630		36.0	
						0.0		0.000		0.0	
Drilling Fluid Type Bentonite		Max. Density		Plastic Viscosity		Tubing/Drill Pipe					
						Depth,		Size,		Weight,	
										Grade	
										Thread	
Service Line Cementing		Job Type 9 5/8 Surface									
Max. Allowed Tubing Press 3000 psi		Max. Allowed Ann. Press 500 psi		WellHead Connection 9 5/8		Perforations/Open Hole					
						Top,		Bottom,		No. of Shots	
										Total Interval	
										Diameter	
						Treat Down Casing		Displacement 84.0 bbl		Packer Type	
										Packer Depth	
						Tubing Vol.		Casing Vol. 87.0 bbl		Annular Vol. 72.0 bbl	
										Openhole Vol. 168.0 bbl	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cement <input checked="" type="checkbox"/>		Casing Tools				Squeeze Job			
Lift Pressure 561 psi		Shoe Type Guide		Squeeze Type							
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 1133.0 ft				Tool Type			
No. Centralizers 5		Top Plugs 1		Bottom Plugs				Stage Tool Type			
								Tool Depth			
Cement Head Type Single		Stage Tool Depth				Tail Pipe Size					
Job Scheduled For Nov/02/2010 20:00		Arrived on Location Nov/02/2010 22:00		Leave Location Nov/03/2010 20:00				Collar Type Diff-Fill			
								Collar Depth 1089.0 ft			
								Sqz. Total Vol.			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
11/03/2010	16:39:49					Started Acquisition					
11/03/2010	16:52:30	4	0.2	8.49	0.0						
11/03/2010	16:52:33					Start Job					
11/03/2010	16:52:33	4	0.2	8.49	0.0						
11/03/2010	16:52:37					Held safty meeting					
11/03/2010	16:52:37	4	0.2	8.49	0.0						
11/03/2010	16:53:09	4	0.2	8.49	0.1						
11/03/2010	16:56:29	4	0.1	8.49	0.7						
11/03/2010	16:59:49	4	0.1	8.49	1.1						
11/03/2010	17:03:09	3	0.1	8.49	1.4						
11/03/2010	17:06:29	1335	0.1	8.49	3.5						
11/03/2010	17:07:00					Pressure Test Lines					
11/03/2010	17:07:00	1075	0.0	8.49	3.5						
11/03/2010	17:07:07					Low psi test good					
11/03/2010	17:07:07	1037	0.0	8.49	3.5						
11/03/2010	17:08:58					Pressure Test Lines					
11/03/2010	17:08:58	3042	0.0	8.49	3.6						
11/03/2010	17:09:01					High PSI Test Good					
11/03/2010	17:09:01	3038	0.0	8.49	3.6						
11/03/2010	17:09:49	2976	0.0	8.49	3.6						
11/03/2010	17:13:09	18	0.0	8.49	6.9						
11/03/2010	17:16:29	14	0.0	8.49	7.0						

Well Federal 25-1BB PH25			Field Parachute		Job Start Nov/02/2010	Customer Ecana	Job Number BAD4-001207
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/03/2010	17:19:09					Start Pumping Spacer	
11/03/2010	17:19:09	13	0.0	8.48	7.1		
11/03/2010	17:19:49	12	0.0	8.47	7.1		
11/03/2010	17:23:09	111	4.6	8.48	15.8		
11/03/2010	17:24:00					20 bbl Water	
11/03/2010	17:24:00	111	4.6	8.49	19.7		
11/03/2010	17:25:05					End Spacer	
11/03/2010	17:25:05	76	3.5	8.49	24.1		
11/03/2010	17:25:07					Start Cement Slurry	
11/03/2010	17:25:07	77	3.5	8.49	24.2		
11/03/2010	17:25:09					Start Mixing Scav Slurry	
11/03/2010	17:25:09	73	3.6	8.56	24.3		
11/03/2010	17:25:13					Bring To Weight 8.34 To 12.5 ppg	
11/03/2010	17:25:13	74	3.5	11.35	24.5		
11/03/2010	17:26:03					End Scavenger Slurry	
11/03/2010	17:26:03	155	4.6	12.34	27.9		
11/03/2010	17:26:04					Start Mixing Lead Slurry	
11/03/2010	17:26:04	151	4.6	12.35	28.0		
11/03/2010	17:26:05					92 bbl @ 12.5 ppg	
11/03/2010	17:26:05	144	4.6	12.35	28.0		
11/03/2010	17:26:06					Good Returns	
11/03/2010	17:26:06	144	4.6	12.35	28.1		
11/03/2010	17:26:29	147	4.6	12.37	29.9		
11/03/2010	17:29:49	248	6.5	12.44	51.0		
11/03/2010	17:31:10					Sample = 12.5 ppg	
11/03/2010	17:31:10	246	6.5	12.48	59.7		
11/03/2010	17:33:09	250	6.4	12.47	72.5		
11/03/2010	17:36:29	123	5.8	12.46	94.0		
11/03/2010	17:39:49	36	2.2	14.18	104.8		
11/03/2010	17:40:35					End Lead Slurry	
11/03/2010	17:40:35	61	2.4	14.72	106.5		
11/03/2010	17:40:38					Start Mixing Scav Slurry	
11/03/2010	17:40:38	54	2.4	14.74	106.6		
11/03/2010	17:40:40					Bring To Weight 12.5 To 15.8 ppg	
11/03/2010	17:40:40	57	2.4	14.77	106.7		
11/03/2010	17:40:43					End Scavenger Slurry	
11/03/2010	17:40:43	50	2.4	14.79	106.8		
11/03/2010	17:40:44					Start Mixing Tail Slurry	
11/03/2010	17:40:44	50	2.4	14.79	106.9		
11/03/2010	17:41:57					31 bbl @ 15.8 ppg	
11/03/2010	17:41:57	77	2.7	15.29	110.1		
11/03/2010	17:41:58					Good Returns	
11/03/2010	17:41:58	78	2.7	15.30	110.2		
11/03/2010	17:41:59					Sample = 15.8 ppg	
11/03/2010	17:41:59	75	2.7	15.31	110.2		
11/03/2010	17:43:09	87	2.9	15.55	113.5		
11/03/2010	17:46:29	199	4.6	15.64	128.5		
11/03/2010	17:49:49	288	4.6	15.73	143.7		
11/03/2010	17:50:04					End Tail Slurry	
11/03/2010	17:50:04	2	0.4	15.65	144.7		
11/03/2010	17:50:05					End Cement Slurry	
11/03/2010	17:50:05	60	0.1	15.65	144.7		
11/03/2010	17:50:15					Drop Top Plug	
11/03/2010	17:50:15	-10	0.0	15.65	144.7		
11/03/2010	17:50:16					Start Displacement	

Well		Field		Job Start		Customer		Job Number	
Federal 25-1BB PH25		Parachute		Nov/02/2010		Ecana		BAD4-001207	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
11/03/2010	17:50:16	-9	0.0	15.65	144.7				
11/03/2010	17:53:09	8	0.0	15.61	144.7				
11/03/2010	17:56:29	92	4.6	9.26	153.6				
11/03/2010	17:59:49	90	4.5	8.36	168.8				
11/03/2010	18:01:05					84 bbl Water Displacement			
11/03/2010	18:01:05	82	4.7	8.48	174.6				
11/03/2010	18:01:06					Good Returns			
11/03/2010	18:01:06	83	4.7	8.49	174.7				
11/03/2010	18:03:09	87	4.6	8.48	184.2				
11/03/2010	18:06:29	183	4.5	8.49	199.5				
11/03/2010	18:06:39					34 bbl CementTo Surface			
11/03/2010	18:06:39	203	4.5	8.49	200.3				
11/03/2010	18:09:49	274	3.8	8.49	214.4				
11/03/2010	18:13:09	292	2.1	8.49	225.8				
11/03/2010	18:16:07					End Displacement			
11/03/2010	18:16:07	1000	0.0	8.49	230.1				
11/03/2010	18:16:08					Bump Top Plug			
11/03/2010	18:16:08	1000	0.0	8.49	230.1				
11/03/2010	18:16:29	1000	0.0	8.49	230.1				
11/03/2010	18:19:49	924	0.0	8.50	230.2				
11/03/2010	18:23:09	9	0.0	8.50	230.7				
11/03/2010	18:24:12					1 bbl Water Back			
11/03/2010	18:24:12	33	0.0	8.50	230.7				
11/03/2010	18:24:33					End Job			
11/03/2010	18:24:33	131	0.0	8.50	230.7				
11/03/2010	18:26:08					Stopped Acquisition			

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
2.6		0.0	6.5	123.0	0.0	20.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
3109	9	225					
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume	34.0 bbl
	123.0 bbl	85.4 bbl	56 degF	Washed Thru Perfs	<input type="checkbox"/>	To	
Customer or Authorized Representative		Schlumberger Supervisor			Circulation Lost	<input type="checkbox"/>	Job Completed
Tony Ketterling		Terry Borg			-		-