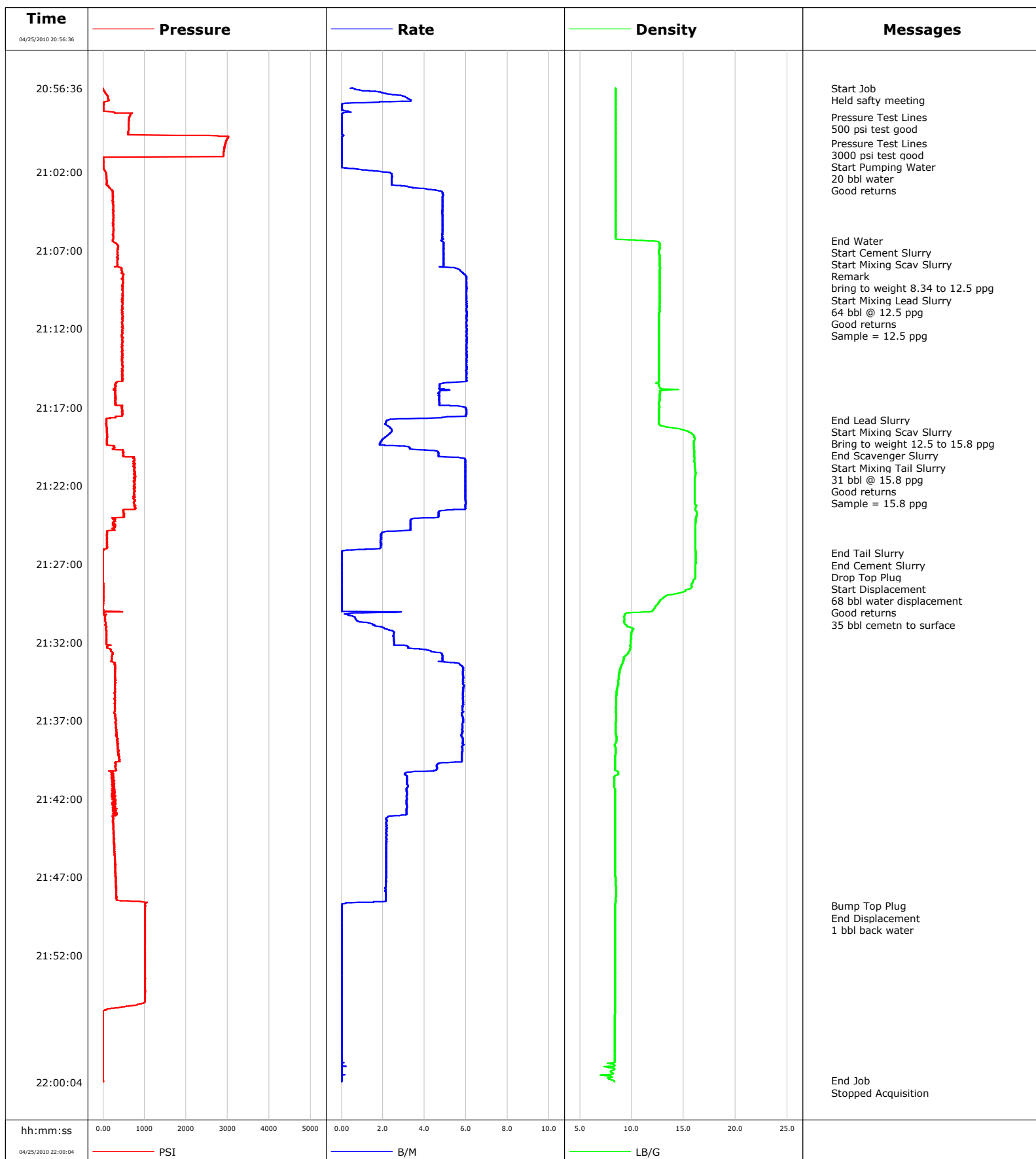


Well SHIDELER 31-3C
Field Mamm Creek
Engineer Terry Borg
Country United States

Client Encana
SIR No. B708-00107
Job Type 9 5/8 Surface
Job Date 04-25-2010





Cementing Service Report

				Customer Encana		Job Number B708-00107		
Well SHIDELER 31-3C 31-3C			Location (legal) 31-3C		Schlumberger Location GCO		Job Start Apr/25/2010	
Field Mamm Creek		Formation Name/Type Shale		Deviation 0 deg	Bit Size 12.3 in	Well MD 921.0 ft		Well TVD 921.0 ft
County Garfield		State/Province Colorado		BHP	BHST 100 degF	BHCT 85 degF	Pore Press. Gradient	
Well Master 0631144239		API/UWI						
Rig Name Nabors M15	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	921.0	9.630	36.0	j	8RD	
			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 Tub. Press 4000 psi	Max. Allowed Ann. Press 1500 psi	WH Connection 9 5/8	Perforations/Open Hole					
Service Instructions Cement 9 5/8" surface casing @ 921ft in 12 1/4" OH with 20 bbl water 170 sks 12.5 ppq Lead 149 sks 15.8 ppq Tail Displace with water			Top,	Bottom,			No. of Shots	Total Interval
								Diameter
			Treat Down Casing	Displacement 68.0 bbl	Packer Type		Packer Depth	
			Tubing Vol.	Casing Vol. 71.0 bbl	Annular Vol. 91.0 bbl		Openhole Vol. 142.0 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 456 psi				Shoe Type Guide		Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 921.0 ft		Tool Type		
No. Centralizers 10		Top Plugs 1	Bottom Plugs	Stage Tool Type		Tool Depth		
Cement Head Type Single			Stage Tool Depth		Tail Pipe Size			
Job Scheduled For Apr/25/2010 17:00		Arrived on Location Apr/25/2010 19:00	Leave Location Apr/25/2010 22:30	Collar Type Diff-Fill		Tail Pipe Depth		
				Collar Depth 883.0 ft		Sqz. Total Vol.		
Date	Time 24-hr clock	Treating Pressure PSI	Density LB/G	Volume BBL	Message			
04/25/2010	20:03:50				Started Acquisition			
04/25/2010	20:56:36	-10	8.45	0.0				
04/25/2010	20:56:37				Start Job			
04/25/2010	20:56:37	-8	8.45	0.0				
04/25/2010	20:56:43				Held safty meeting			
04/25/2010	20:56:43	-1	8.45	0.1				
04/25/2010	20:58:27				Pressure Test Lines			
04/25/2010	20:58:27	636	8.45	2.2				
04/25/2010	20:58:29				500 psi test good			
04/25/2010	20:58:29	634	8.45	2.2				
04/25/2010	20:58:50	618	8.45	2.2				
04/25/2010	21:00:07				Pressure Test Lines			
04/25/2010	21:00:07	2950	8.45	2.2				
04/25/2010	21:00:09				3000 psi test good			
04/25/2010	21:00:09	2946	8.45	2.2				
04/25/2010	21:01:20				Start Pumping Water			
04/25/2010	21:01:20	4	8.45	2.2				
04/25/2010	21:01:21				20 bbl water			
04/25/2010	21:01:21				Good returns			
04/25/2010	21:01:21	1	8.45	2.2				
04/25/2010	21:03:50	225	8.45	9.0				

Well SHIDELER 31-3C 31-3C			Field Mamm Creek	Job Start Apr/25/2010	Customer Encana	Job Number B708-00107
Date	Time 24-hr clock	Treating Pressure PSI	Density LB/G	Volume BBL	Message	
04/25/2010	21:06:22	229	11.04	21.3		
04/25/2010	21:06:23				Start Cement Slurry	
04/25/2010	21:06:23	233	11.62	21.4		
04/25/2010	21:06:24				Start Mixing Scav Slurry	
04/25/2010	21:06:24	233	12.10	21.5		
04/25/2010	21:06:28				Remark	
04/25/2010	21:06:28	264	12.63	21.8		
04/25/2010	21:06:32				bring to weight 8.34 to 12.5 ppg	
04/25/2010	21:06:32	309	12.68	22.1		
04/25/2010	21:06:34				Start Mixing Lead Slurry	
04/25/2010	21:06:34	322	12.68	22.3		
04/25/2010	21:06:43				64 bbl @ 12.5 ppg	
04/25/2010	21:06:43	368	12.69	23.0		
04/25/2010	21:06:47				Good returns	
04/25/2010	21:06:47	358	12.69	23.4		
04/25/2010	21:06:50				Sample = 12.5 ppg	
04/25/2010	21:06:50	353	12.69	23.6		
04/25/2010	21:08:50	494	12.69	34.1		
04/25/2010	21:13:50	461	12.65	64.2		
04/25/2010	21:17:48				End Lead Slurry	
04/25/2010	21:17:48	76	12.65	85.7		
04/25/2010	21:17:51				Start Mixing Scav Slurry	
04/25/2010	21:17:51	75	12.64	85.8		
04/25/2010	21:18:04				Bring to weight 12.5 to 15.8 ppg	
04/25/2010	21:18:04	71	12.65	86.3		
04/25/2010	21:18:41				End Scavenger Slurry	
04/25/2010	21:18:41	95	15.81	87.7		
04/25/2010	21:18:43				Start Mixing Tail Slurry	
04/25/2010	21:18:43	96	15.84	87.8		
04/25/2010	21:18:45				31 bbl @ 15.8 ppg	
04/25/2010	21:18:45	96	15.90	87.9		
04/25/2010	21:18:48				Good returns	
04/25/2010	21:18:48	95	15.97	88.0		
04/25/2010	21:18:49				Sample = 15.8 ppg	
04/25/2010	21:18:49	96	15.99	88.0		
04/25/2010	21:18:50	96	15.99	88.1		
04/25/2010	21:23:50	492	16.26	113.7		
04/25/2010	21:26:19				End Tail Slurry	
04/25/2010	21:26:19	-1	16.15	119.9		
04/25/2010	21:26:20				End Cement Slurry	
04/25/2010	21:26:20	-2	16.15	119.9		
04/25/2010	21:26:26				Drop Top Plug	
04/25/2010	21:26:26	-2	16.15	119.9		
04/25/2010	21:26:29				Start Displacement	
04/25/2010	21:26:29	-2	16.15	119.9		
04/25/2010	21:26:30				68 bbl water displacement	
04/25/2010	21:26:30	-2	16.15	119.9		
04/25/2010	21:26:32				Good returns	
04/25/2010	21:26:32	-2	16.15	119.9		
04/25/2010	21:26:34				35 bbl cemetn to surface	
04/25/2010	21:26:34	-4	16.15	119.9		
04/25/2010	21:28:50	3	14.81	119.9		
04/25/2010	21:33:50	293	8.85	131.6		
04/25/2010	21:38:50	346	8.45	160.9		

Well			Field		Job Start	Customer		Job Number	
SHIDELER 31-3C 31-3C			Mamm Creek		Apr/25/2010	Encana		B708-00107	
Date	Time 24-hr clock	Treating Pressure PSI	Density LB/G		Volume BBL		Message		
04/25/2010	21:48:50						Bump Top Plug		
04/25/2010	21:48:50	1015	8.42		189.2				
04/25/2010	21:48:51						End Displacement		
04/25/2010	21:48:51	1014	8.42		189.2				
04/25/2010	21:48:57						1 bbl back water		
04/25/2010	21:48:57	1008	8.41		189.2				
04/25/2010	21:53:50	1009	8.42		189.2				
04/25/2010	21:58:50	-4	8.34		189.2				
04/25/2010	22:00:00						End Job		
04/25/2010	22:00:00	8	8.31		189.2				

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl				
Slurry 4.2	N2	Mud 0.0	Maximum Rate 6.0		Total Slurry 95.0	Mud 0.0	Spacer 20.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum 3020	Final 13	Average 456	Bump Plug to 900	Breakdown	Type		Volume		Density
Avg. N2 Percent		Designed Slurry Volume 95.0 bbl		Displacement 69.4 bbl		Mix Water Temp 60 degF		Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 35.0 bbl
						Washed Thru Perfs <input type="checkbox"/>		To	
Customer or Authorized Representative Ed Asuchak				Schlumberger Supervisor Terry Borg				Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>
								-	-