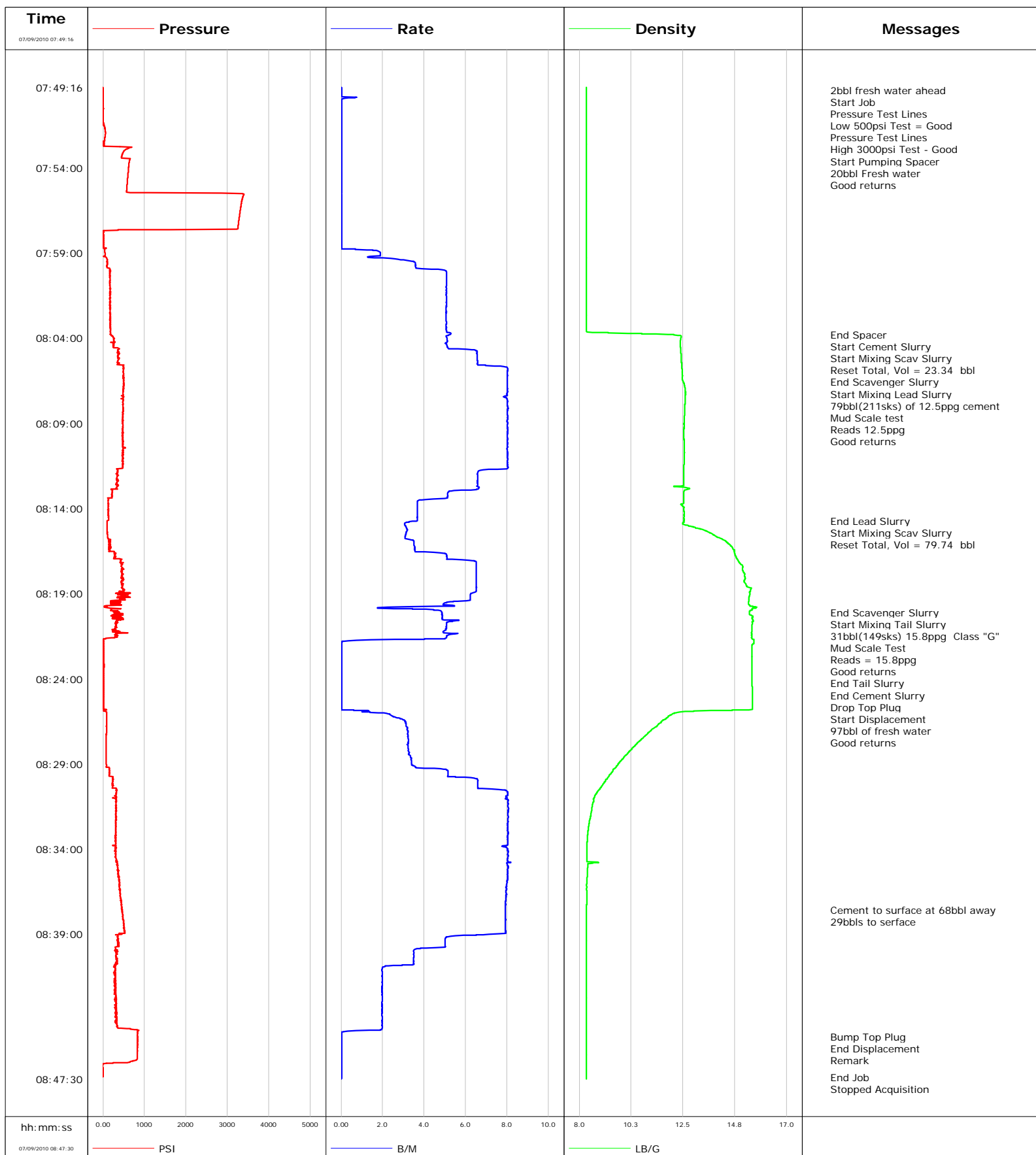


Well GMR 8-5B1
Field S Parachute
Engineer Dustin C Krueger
Country United States

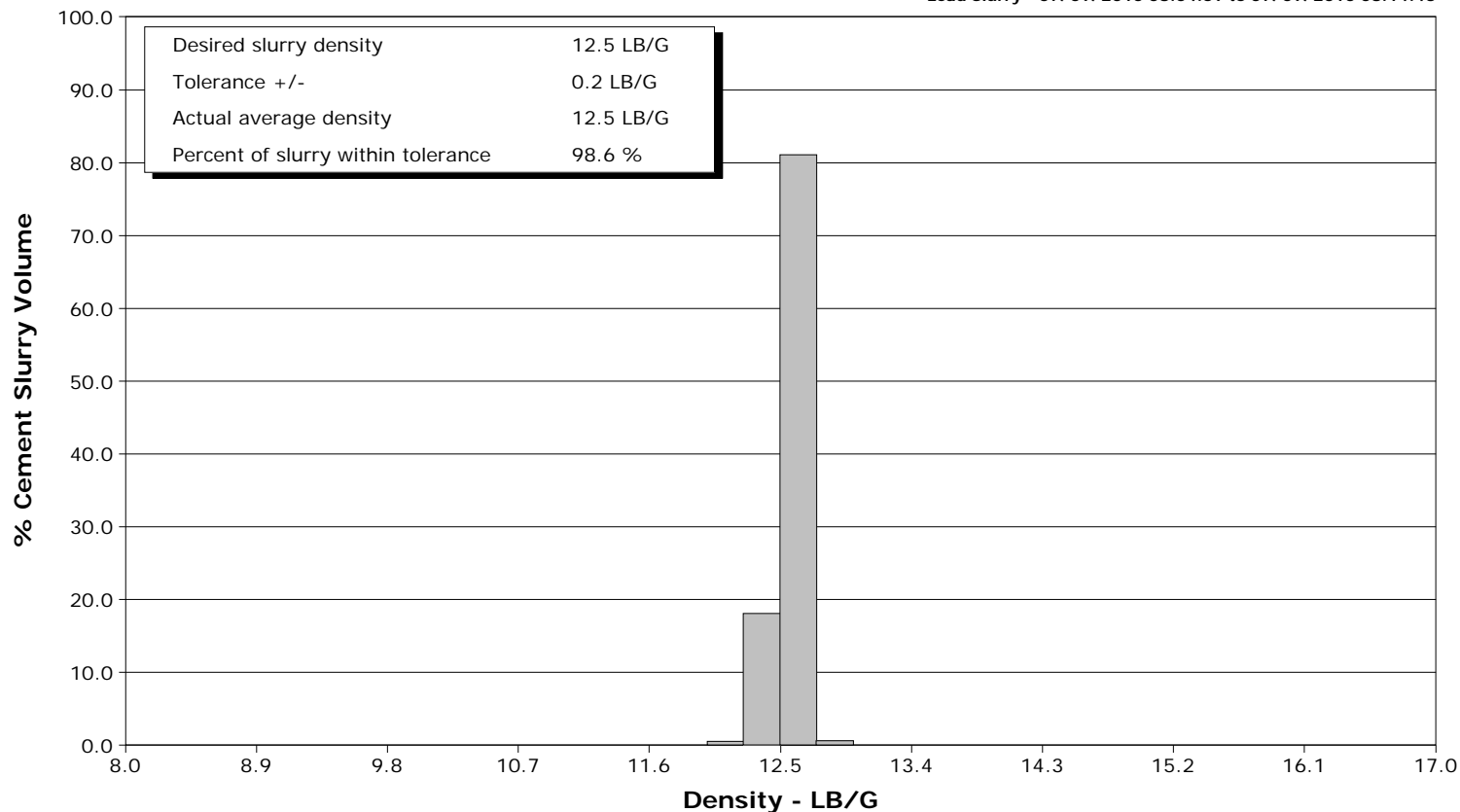
Client Encana Oil Gas
SIR No. 000347406
Job Type 1303ft 9 5/8 Surface
Job Date 07-09-10



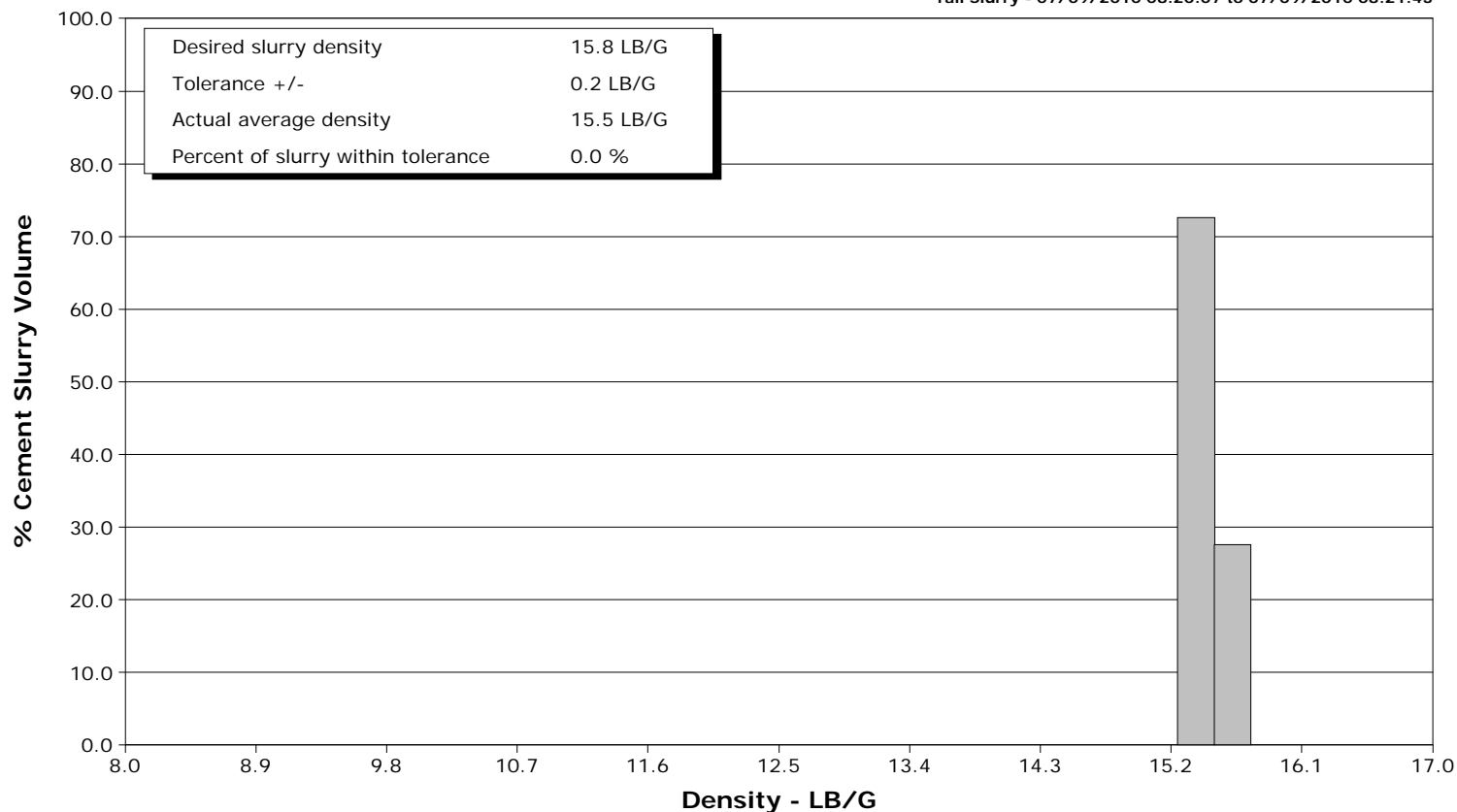
Well GMR 8-5B1
Field S Parachute
Engineer Dustin C Krueger
Country United States

Client Encana Oil Gas
SIR No. 000347406
Job Type 1303ft 9 5/8 Surface
Job Date 07-09-10

Lead Slurry - 07/09/2010 08:04:59 to 07/09/2010 08:14:43



Tail Slurry - 07/09/2010 08:20:07 to 07/09/2010 08:21:43



Cementing Service Report

				Customer		Job Number	
				Encana Oil & Gas		000347406	
Well			Location (legal)		Schlumberger Location		Job Start
GMR 8-5B1 GMR 8 5B1			Mamm Creek		Grand Junctin		Jul/09/2010
Field		Formation Name/Type		Deviation	Bit Size	Well MD	Well TVD
S Parachute		shale		0 deg	12.3 in	1303.0 ft	1303.0 ft
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient
Garfield		Colorado					
Well Master		API /UWI					
0631179480							
Rig Name		Drilled For		Casing/Liner			
NABORS M-13		Gas					
		Service Via					
		Land					
Offshore Zone		Well Class		Depth, ft		Size, in	
		New		40.0		16.000	
		Development		1303.0		9.630	
				65.0		N/A	
				36.0		K55	
				8RD			
Drilling Fluid Type		Max. Density		Tubing/Drill Pipe			
Bentonite		9.00 lb/gal					
		Plastic Viscosity					
		35.000 cP					
Service Line		Job Type		Depth,		Size,	
Cementing		1303ft 9 5/8 Surface		Weight,		Grade	
				Thread			
Max. Allowed Tub. Press		Max. Allowed Ann. Press		Perforations/Open Hole			
3500 psi		2200 psi					
		WH Connection		Top,		Bottom,	
		Single Cement head				No. of Shots	
						Total Interval	
						Diameter	
				Treat Down		Displacement	
				Casing		97.5 bbl	
				Packer Type		Packer Depth	
				Tubing Vol.		Casing Vol.	
				0.0 bbl		100.7 bbl	
				Annular Vol.		Openhole Vol.	
				76.0 bbl		180.0 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		643 psi		Shoe Type		Guide	
				Squeeze Type			
Pipe Rotated		Pipe Reciprocated		Shoe Depth		1303.0 ft	
				Tool Type			
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type	
5		1				Tool Depth	
Cement Head Type		Single		Stage Tool Depth		Tail Pipe Size	
Job Scheduled For		Arrived on Location		Leave Location		Collar Type	
Jul/09/2010 06:00		Jul/09/2010 05:45		Jul/09/2010 09:00		Float	
						Tail Pipe Depth	
						Sqz. Total Vol.	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
07/09/2010	07:33:28					Started Acquisition	
07/09/2010	07:33:35					Pre Job Safty Meeting	
07/09/2010	07:49:16	-4	0.0	8.32	0.0		
07/09/2010	07:49:25					2bbl fresh water ahead	
07/09/2010	07:49:25	-4	0.0	8.32	0.0		
07/09/2010	07:49:37					Start Job	
07/09/2010	07:49:37	-3	0.0	8.32	0.0		
07/09/2010	07:49:43					Pressure Test Lines	
07/09/2010	07:49:43	-3	0.0	8.32	0.0		
07/09/2010	07:49:47					Low 500psi Test = Good	
07/09/2010	07:49:47	-3	0.0	8.32	0.0		
07/09/2010	07:49:49					Pressure Test Lines	
07/09/2010	07:49:49	-3	0.0	8.32	0.0		
07/09/2010	07:49:53					High 3000psi Test - Good	
07/09/2010	07:49:53	-2	0.7	8.32	0.0		
07/09/2010	07:50:28					Start Pumping Spacer	
07/09/2010	07:50:28	-4	0.0	8.31	0.0		
07/09/2010	07:50:34					20bbl Fresh water	
07/09/2010	07:50:34	-0	0.0	8.31	0.0		
07/09/2010	07:50:36					Good returns	
07/09/2010	07:50:36	-1	0.0	8.31	0.0		

Well GMR 8-5B1 GMR 8 5B1			Field S Parachute	Job Start Jul/09/2010	Customer Encana Oil & Gas	Job Number 000347406
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
07/09/2010	07:58:28	6	0.0	8.31	0.0	
07/09/2010	08:03:28	176	5.1	8.31	20.9	
07/09/2010	08:03:48					End Spacer
07/09/2010	08:03:48	169	5.2	12.10	22.7	
07/09/2010	08:03:49					Start Cement Slurry
07/09/2010	08:03:49	195	5.2	12.10	22.7	
07/09/2010	08:03:50					Start Mixing Scav Slurry
07/09/2010	08:03:50	195	5.2	12.27	22.8	
07/09/2010	08:03:56					Reset Total, Vol = 23.34 bbl
07/09/2010	08:03:56	249	5.1	12.42	23.3	
07/09/2010	08:04:57					End Scavenger Slurry
07/09/2010	08:04:57	370	6.6	12.42	29.0	
07/09/2010	08:04:59					Start Mixing Lead Slurry
07/09/2010	08:04:59	360	6.6	12.42	29.2	
07/09/2010	08:05:03					79bbl(211sks) of 12.5ppg cement
07/09/2010	08:05:03					Mud Scale test
07/09/2010	08:05:03	356	6.6	12.42	29.6	
07/09/2010	08:05:04					Reads 12.5ppg
07/09/2010	08:05:04					Good returns
07/09/2010	08:05:04	353	6.6	12.42	29.7	
07/09/2010	08:08:28	490	8.0	12.57	56.2	
07/09/2010	08:13:28	130	4.1	12.54	93.0	
07/09/2010	08:14:43					End Lead Slurry
07/09/2010	08:14:43	98	3.7	12.53	97.6	
07/09/2010	08:14:45					Start Mixing Scav Slurry
07/09/2010	08:14:45	99	3.6	12.54	97.7	
07/09/2010	08:14:46					Reset Total, Vol = 79.74 bbl
07/09/2010	08:14:46	97	3.4	12.54	97.8	
07/09/2010	08:18:28	477	6.5	15.23	115.4	
07/09/2010	08:20:06					End Scavenger Slurry
07/09/2010	08:20:06	395	4.9	15.37	124.4	
07/09/2010	08:20:07					Start Mixing Tail Slurry
07/09/2010	08:20:07	317	4.9	15.37	124.5	
07/09/2010	08:20:11					31bbl(149sks) 15.8ppg Class "G"
07/09/2010	08:20:11					Mud Scale Test
07/09/2010	08:20:11	480	4.9	15.38	124.9	
07/09/2010	08:20:12					Reads = 15.8ppg
07/09/2010	08:20:12					Good returns
07/09/2010	08:20:12	480	4.9	15.38	124.9	
07/09/2010	08:21:43					End Tail Slurry
07/09/2010	08:21:43	8	1.4	15.57	132.5	
07/09/2010	08:21:46					End Cement Slurry
07/09/2010	08:21:46	7	0.3	15.58	132.6	
07/09/2010	08:21:52					Drop Top Plug
07/09/2010	08:21:52	5	0.0	15.58	132.6	
07/09/2010	08:21:53					Start Displacement
07/09/2010	08:21:53	5	0.0	15.58	132.6	
07/09/2010	08:21:55					97bbl of fresh water
07/09/2010	08:21:55	4	0.0	15.58	132.6	
07/09/2010	08:21:56					Good returns
07/09/2010	08:21:56	4	0.0	15.58	132.6	
07/09/2010	08:23:28	6	0.0	15.49	132.6	
07/09/2010	08:28:28	77	3.3	10.04	140.4	
07/09/2010	08:33:28	316	8.0	8.35	174.3	

Well			Field		Job Start	Customer		Job Number
GMR 8-5B1 GMR 8 5B1			S Parachute		Jul/09/2010	Encana Oil & Gas		000347406
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
07/09/2010	08:37:34	456	7.9	8.31	207.0			
07/09/2010	08:37:39					29bbbls to surface		
07/09/2010	08:37:39	460	7.9	8.30	207.7			
07/09/2010	08:38:28	506	7.9	8.31	214.2			
07/09/2010	08:43:28	326	2.0	8.31	231.4			
07/09/2010	08:45:01					Bump Top Plug		
07/09/2010	08:45:01	832	0.0	8.31	233.8			
07/09/2010	08:45:02					End Displacement		
07/09/2010	08:45:02	832	0.0	8.31	233.8			
07/09/2010	08:45:08					Remark		
07/09/2010	08:45:08	832	0.0	8.31	233.8			
07/09/2010	08:47:24					End Job		
07/09/2010	08:47:24	-12	0.0	8.31	233.8			

Post Job Summary

Average Pump Rates,					Volume of Fluid Injected, bbl					
Slurry	N2		Mud	Maximum Rate	Total Slurry 110.0	Mud 0.0	Spacer 20.0	N2		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 3000	Final 1300	Average 300	Bump Plug to 1300	Breakdown 275	Type FreshWater	Volume 273.0 bbl		Density 8.34 lb/gal		
Avg. N2 Percent		Designed Slurry Volume 110.0 bbl		Displacement 97.5 bbl		Mix Water Temp 70 degF		Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 29.0 bbl
								Washed Thru Perfs <input type="checkbox"/>		
Customer or Authorized Representative Danny Asuchak				Schlumberger Supervisor Dustin C Krueger				Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
								-		-