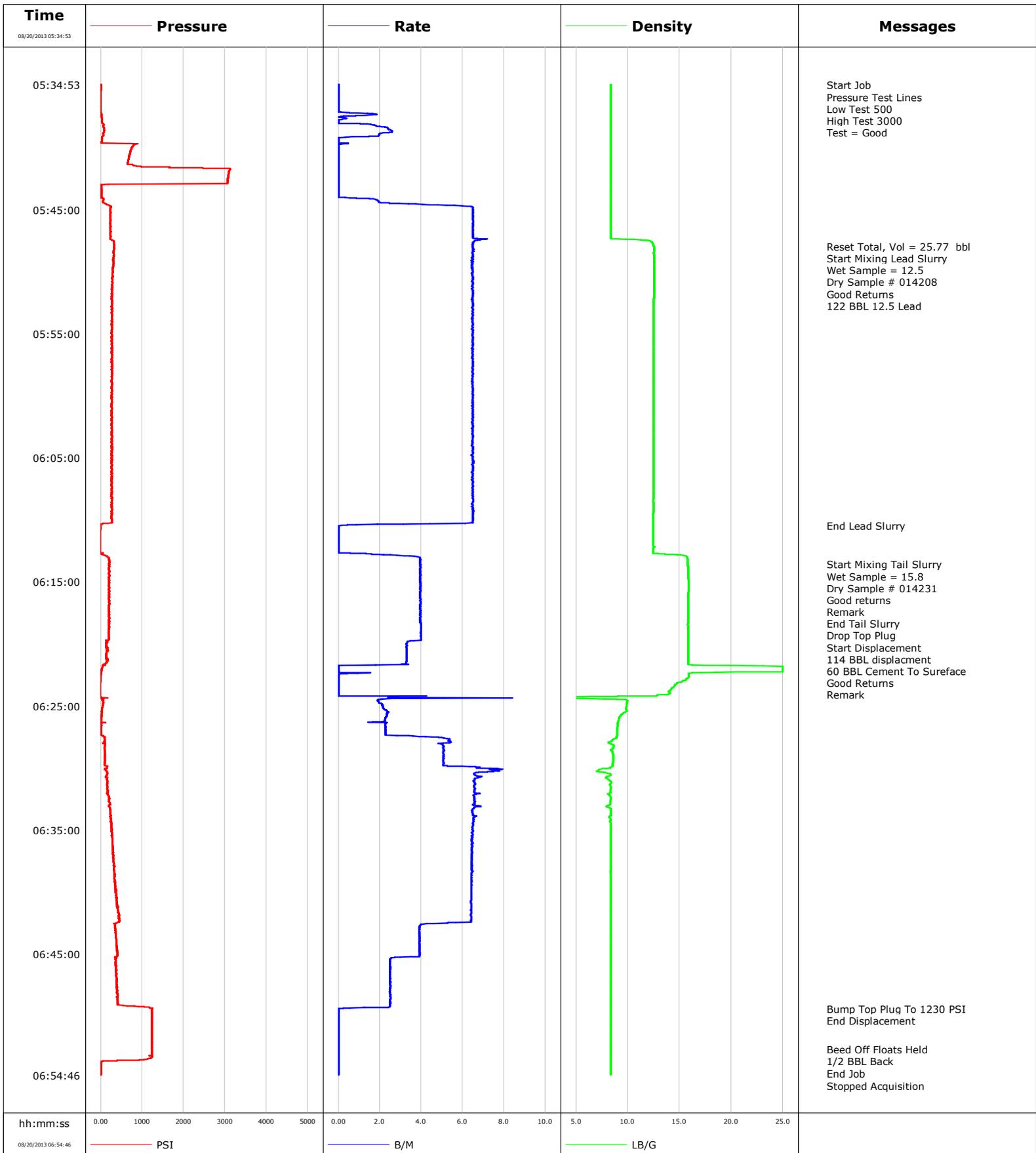


Well	Hagen Federal 22-1A	Client	Encana
Field	Parachute	SIR No.	C567-00015
Engineer	Cole Fairbrook/Travis Willardson	Job Type	9 5/8 Surface
Country	United States	Job Date	08-20-2013



Customer Encana				Job Number C567-00015							
Well Hagen Federal 22-1A 22-1A			Location (legal) P22			Schlumberger Location Grand Junction		Job Start Aug/20/2013			
Field Parachute		Formation Name/Type Dirty-Sandstone		Deviation		Bit Size 12.3 in		Well MD 1523.0 ft		Well TVD 1523.0 ft	
County Garfield		State/Province Colorado		BHP		BHST 94 degF		BHCT 85 degF		Pore Press. Gradient	
Well Master		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		40.0	16.000	65.0	N/A	N/A	
						1523.0	9.630	36.0	J55	N/A	
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		Max. Allowed Ann. Press		WH Connection Single Cement head		Perforations/Open Hole					
						Top,	Bottom,		No. of Shots	Total Interval	
Service Instructions 387 SK 12.5 Lead 145BBL 150 SK 15.8 Tail 31 BBL										Diameter	
						Treat Down Casing	Displacement 114.0 bbl		Packer Type		Packer Depth
						Tubing Vol.	Casing Vol. 114.0 bbl		Annular Vol. 88.0 bbl		Openhole Vol. 209.0 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 Guide				Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 1523.0 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 Aug/20/2013		Arrived on Location Aug/20/2013		Leave Location Aug/20/2013		Collar Type Float				Tail Pipe Depth	
						Collar Depth 1477.0 ft				Sqz. Total Vol.	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
08/20/2013	05:22:10					Started Acquisition					
08/20/2013	05:34:53	2	0.0	8.37	0.0						
08/20/2013	05:34:56					Start Job					
08/20/2013	05:34:56	2	0.0	8.37	0.0						
08/20/2013	05:35:02					Pressure Test Lines					
08/20/2013	05:35:02	2	0.0	8.37	0.0						
08/20/2013	05:35:04					Low Test 500					
08/20/2013	05:35:04					High Test 3000					
08/20/2013	05:35:04					Test = Good					
08/20/2013	05:35:04	2	0.0	8.37	0.0						
08/20/2013	05:37:10	-1	0.4	8.37	0.0						
08/20/2013	05:42:10	3084	0.0	8.37	2.8						
08/20/2013	05:47:10	241	6.5	8.37	20.5						
08/20/2013	05:47:58					Reset Total, Vol = 25.77 bbl					
08/20/2013	05:47:58	320	6.5	12.52	25.8						
08/20/2013	05:48:12					Start Mixing Lead Slurry					
08/20/2013	05:48:12	335	6.5	12.53	27.3						
08/20/2013	05:48:15					Wet Sample = 12.5					
08/20/2013	05:48:15					Dry Sample # 014208					
08/20/2013	05:48:15					Good Returns					
08/20/2013	05:48:15	313	6.5	12.53	27.6						

Well		Field		Job Start		Customer		Job Number	
Hagen Federal 22-1A 22-1A		Parachute		Aug/20/2013		Encana		C567-00015	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
08/20/2013	05:48:16	321	6.5	12.53	27.7				
08/20/2013	05:52:10	259	6.5	12.52	53.0				
08/20/2013	05:57:10	267	6.5	12.51	85.4				
08/20/2013	06:02:10	269	6.5	12.51	117.8				
08/20/2013	06:07:10	259	6.5	12.51	150.2				
08/20/2013	06:10:27					End Lead Slurry			
08/20/2013	06:10:27	-12	0.2	12.46	170.9				
08/20/2013	06:12:10	-14	0.0	12.49	170.9				
08/20/2013	06:13:35					Start Mixing Tail Slurry			
08/20/2013	06:13:35	203	4.0	15.80	174.0				
08/20/2013	06:13:40					Wet Sample = 15.8			
08/20/2013	06:13:40					Dry Sample # 014231			
08/20/2013	06:13:40					Good returns			
08/20/2013	06:13:40	197	4.0	15.81	174.3				
08/20/2013	06:13:42					Remark			
08/20/2013	06:13:42	203	3.9	15.81	174.4				
08/20/2013	06:17:10	200	3.9	15.83	188.2				
08/20/2013	06:17:13					End Tail Slurry			
08/20/2013	06:17:13	201	4.0	15.83	188.3				
08/20/2013	06:17:24					Drop Top Plug			
08/20/2013	06:17:24	202	4.0	15.83	189.1				
08/20/2013	06:17:27					Start Displacement			
08/20/2013	06:17:27	206	3.9	15.83	189.3				
08/20/2013	06:17:30					114 BBL displacment			
08/20/2013	06:17:30					60 BBL Cement To Sureface			
08/20/2013	06:17:30					Good Returns			
08/20/2013	06:17:30					Remark			
08/20/2013	06:17:30	206	4.0	15.83	189.5				
08/20/2013	06:22:10	16	0.0	25.00	204.9				
08/20/2013	06:27:10	7	2.3	8.97	211.8				
08/20/2013	06:32:10	187	6.5	8.16	240.3				
08/20/2013	06:37:10	310	6.4	8.36	272.8				
08/20/2013	06:42:10	443	6.4	8.37	304.9				
08/20/2013	06:47:10	387	2.5	8.36	322.7				
08/20/2013	06:49:25					Bump Top Plug To 1230 PSI			
08/20/2013	06:49:25	1245	0.0	8.37	328.1				
08/20/2013	06:49:26					End Displacement			
08/20/2013	06:49:26	1241	0.0	8.37	328.1				
08/20/2013	06:52:10	1230	0.0	8.37	328.1				
08/20/2013	06:52:41					Beed Off Floats Held			
08/20/2013	06:52:41	1230	0.0	8.37	328.1				
08/20/2013	06:52:42					1/2 BBL Back			
08/20/2013	06:52:42	1230	0.0	8.37	328.1				
08/20/2013	06:54:41					End Job			
08/20/2013	06:54:41	3	0.0	8.37	328.1				

Well Hagen Federal 22-1A 22-1A	Field Parachute	Job Start Aug/20/2013	Customer Encana	Job Number C567-00015
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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	Breakdown	Type	Volume	Density	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume			
				Washed Thru Perfs <input type="checkbox"/>	To			
Customer or Authorized Representative Erasmus Parras			Schlumberger Supervisor Cole Fairbrook/Travis Willardson		Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
				-		-		

Service Quality Evaluation

Client:	Encana
Field:	Parachute
Rig:	Patterson 303
Well:	Hagen Federal 22-1A
Service Line:	Cementing
Job Type:	9 5/8 Surface

Service Order #:	2
Date:	Aug/20/2013
Operating Time:	0.0
Client Rep:	Encana
Schlumberger Engineer:	Cole Fairbrook/Travis Willardson
Schlumberger FSM:	

Main Objective:

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

		Score	Yes / No			Result
1	HSE					
1a	Free of lost time injury and compliance with SLB and loc. spec. HSE practice	5	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>		0
1b	Free of environmental spill or non-compliant discharge	5	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>		0
1c	Free of RIRs	5	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>		0
1d	Wellsite left clean	4	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>		0
					Sub-total	0%

2	Design / Preparation					
2a	Program incl. job simulation (CemCADE) & pump schedule / tool hydraulic calcs	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>		0
2b	Equipment maintenance schedule completed / Green tagged	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>		0
2c	All materials and equipment required for job/contingency checked & on location	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>		0
2d	Safety / pre-job meeting conducted with all involved present	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>		0
					Sub-total	0%

3	Execution					
3a	Lost time < 30 mins	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>		0
3b	Equipment pressure tested successfully	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>		0
3c	All key parameters monitored and recorded accurately (Pressure, Rate, Density)	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>		0
3d	Plugs / darts released and tested successfully	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>		0
3e	Density variation met expectations	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>		0
3f	Personnel performed as per expectations	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>		0
3g	Equipment performed as per expectations	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>		0
3h	Job pumped per design	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>		0
3i	Did job start on time	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>		0
3j	Free of Operational failures (screen out, Cementing Example, etc.)	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>		0
					Sub-total	0%

4	Evaluation					
4a	Main job objective achieved with no consequential non-productive time	10	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>		0
					Sub-total	0%

Total 0%

Comments: (Please include a brief explanation for a "NO" response and summarize any innovations attempted on this well.)

Client:	Schlumberger:
Client Signature:	Schlumberger Signature: