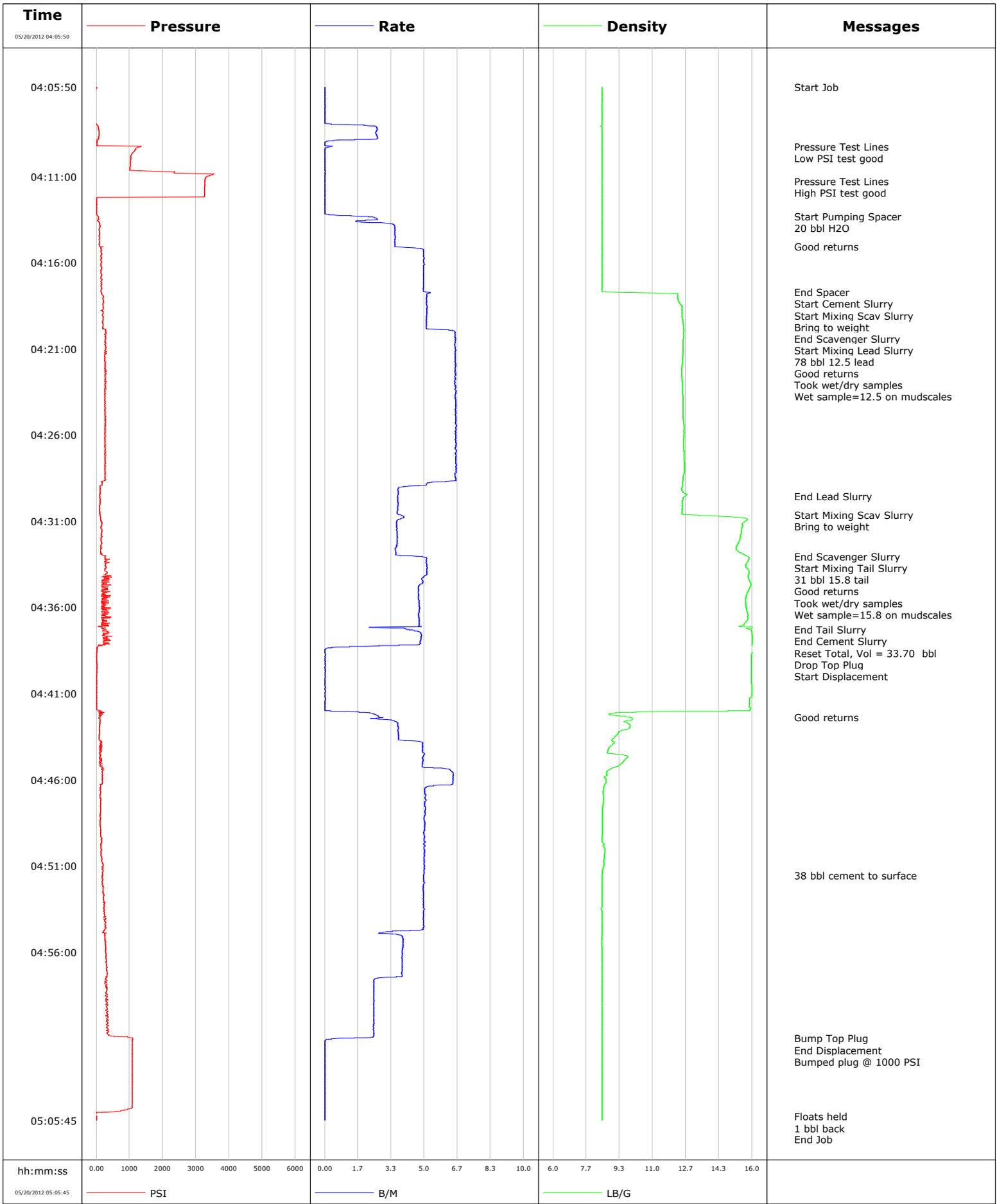


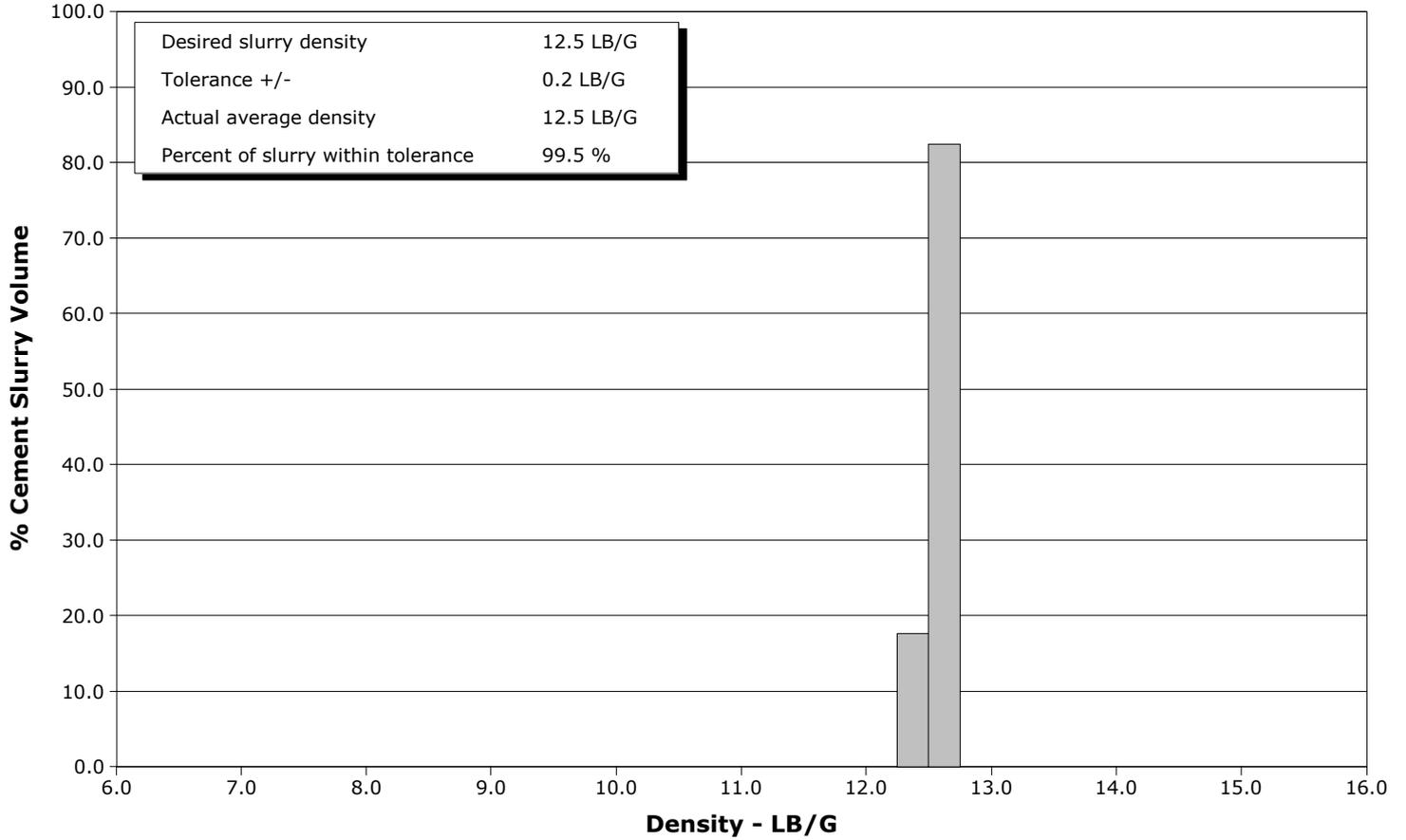
Well	Federal 29-5A	Client	Encana
Field	Parachute	SIR No.	C4HD-00274
Engineer	Matt Fair/Justin Zika	Job Type	9 5/8" Surface
Country	United States	Job Date	05-19-2012



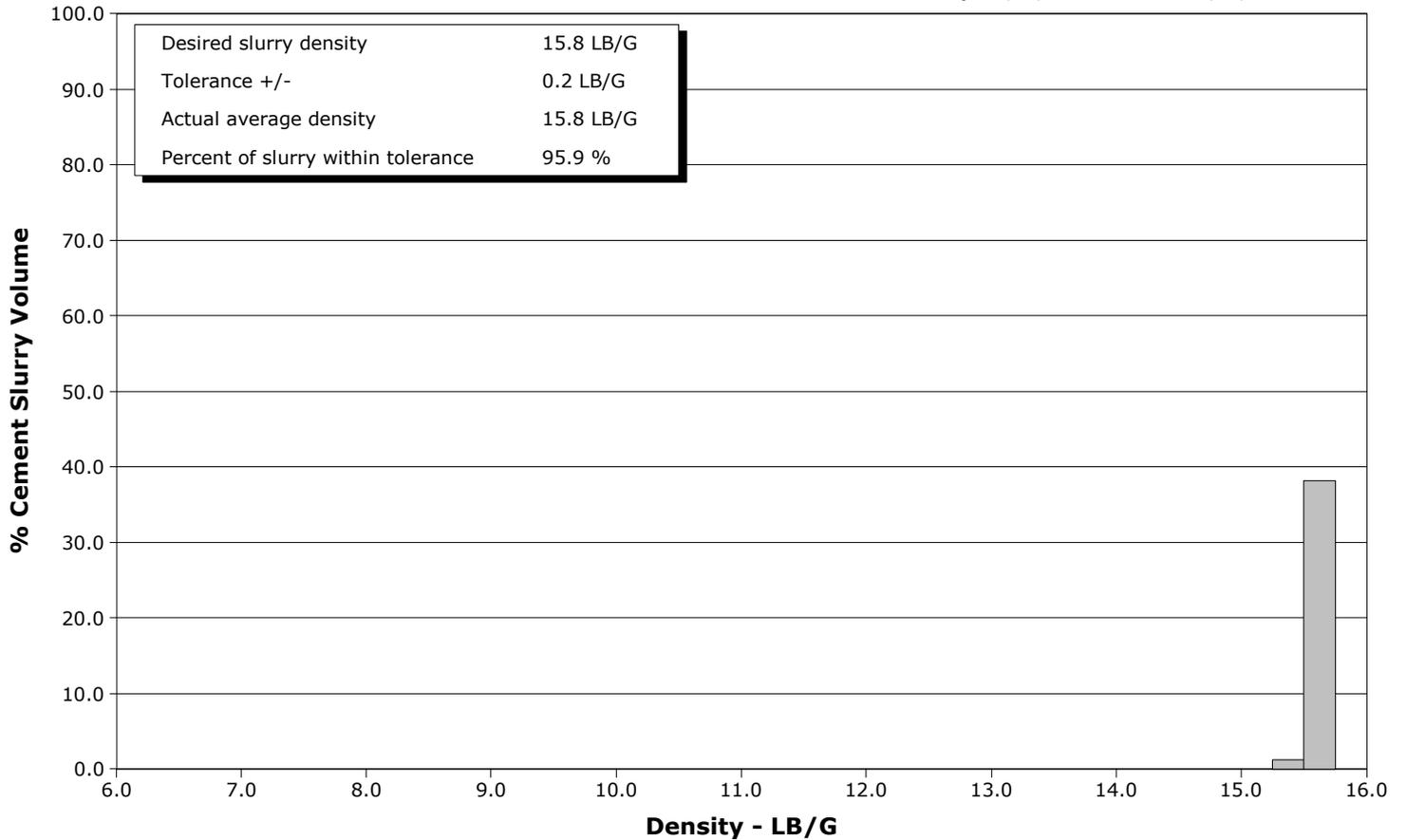
Well Federal 29-5A
Field Parachute
Engineer Matt Fair/Justin Zika
Country United States

Client Encana
SIR No. C4HD-00274
Job Type 9 5/8" Surface
Job Date 05-19-2012

Lead Slurry - 05/20/2012 04:18:31 to 05/20/2012 04:29:33



Tail Slurry - 05/20/2012 04:33:04 to 05/20/2012 04:37:18



				Customer		Job Number	
				Encana		C4HD-00274	
Well Federal 29-5A			Location (legal)		Schlumberger Location		Job Start May/19/2012
Field Parachute		Formation Name/Type Shale		Deviation deg	Bit Size 12.3 in	Well MD 1035.0 ft	Well TVD 1035.0 ft
County Garfield		State/Province Colorado		BHP psi	BHST 94 degF	BHCT 81 degF	Pore Press. Gradient lb/gal
Well Master 0631338843		API/UWI					
Rig Name Nabors M11		Drilled For Gas	Service Via Land	Casing/Liner			
				Depth, ft	Size, in	Weight, lb/ft	Grade
				1035.0	9.6	36.0	J55
Offshore Zone		Well Class New	Well Type Development	0.0	0.0	0.0	8RD
Drilling Fluid Type Bentonite		Max. Density 9.00 lb/gal	Plastic Viscosity cP	Tubing/Drill Pipe			
				T/D	Depth, ft	Size, in	Weight, lb/ft
Service Line Cementing		Job Type 9 5/8" Surface					
Max. Allowed Tub. Press 2030 psi		Max. Allowed Ann. Press 3520 psi	WH Connection Single Cement head	Perforations/Open Hole			
				Top, ft	Bottom, ft	shot/ft	No. of Shots
							Total Interval ft
							Diameter in
				Treat Down Casing		Displacement 77.0 bbl	Packer Type
							Packer Depth ft
				Tubing Vol. bbl		Casing Vol. 80.0 bbl	Annular Vol. 63.0 bbl
							Openhole Vol. 147.0 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 512 psi				Shoe Type Float		Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 1033.0 ft		Tool Type	
No. Centralizers		Top Plugs 1	Bottom Plugs 0	Stage Tool Type		Tool Depth ft	
Cement Head Type Single				Stage Tool Depth ft		Tail Pipe Size in	
Job Scheduled For May/19/2012 22:00		Arrived on Location May/19/2012 22:00	Leave Location May/20/2012 06:00	Collar Type Float		Tail Pipe Depth ft	
				Collar Depth 990.0 ft		Sqz. Total Vol. bbl	
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message		
05/20/2012	04:05:50	8.47	1	0.0	Started Acquisition		
05/20/2012	04:05:51	8.47	1	0.0	Start Job		
05/20/2012	04:08:20	8.47	70	2.6			
05/20/2012	04:09:16	8.46	1352	0.4	Pressure Test Lines		
05/20/2012	04:09:17	8.46	1339	0.4	Low PSI test good		
05/20/2012	04:10:50	8.46	2344	0.0			
05/20/2012	04:11:18	8.47	3274	0.0	Pressure Test Lines		
05/20/2012	04:11:19	8.47	3274	0.0	High PSI test good		
05/20/2012	04:13:20	8.47	51	1.8			
05/20/2012	04:13:21	8.47	54	2.2	Start Pumping Spacer		
05/20/2012	04:13:23	8.47	59	2.4	20 bbl H2O		
05/20/2012	04:15:05	8.46	98	3.5	Good returns		
05/20/2012	04:15:50	8.46	138	5.0			
05/20/2012	04:17:44	8.63	148	5.1	End Spacer		
05/20/2012	04:17:47	11.14	147	5.3	Start Cement Slurry		
05/20/2012	04:17:49	12.05	152	5.2	Start Mixing Scav Slurry		
05/20/2012	04:17:51	12.27	162	5.1	Bring to weight		
05/20/2012	04:18:20	12.34	207	5.1			
05/20/2012	04:18:30	12.45	195	5.1	End Scavenger Slurry		
05/20/2012	04:18:31	12.45	197	5.1	Start Mixing Lead Slurry		
05/20/2012	04:18:33	12.50	204	5.2	78 bbl 12.5 lead		

Well		Field		Job Start	Customer	Job Number
Federal 29-5A		Parachute		May/19/2012	Encana	C4HD-00274
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message	
05/20/2012	04:20:54	12.54	269	6.6	Good returns	
05/20/2012	04:22:17	12.46	276	6.6	Took wet/dry samples	
05/20/2012	04:22:19	12.47	265	6.6	Wet sample=12.5 on mudscales	
05/20/2012	04:23:20	12.52	244	6.6		
05/20/2012	04:25:50	12.57	268	6.6		
05/20/2012	04:28:20	12.56	255	6.5		
05/20/2012	04:29:33	12.67	104	3.7	End Lead Slurry	
05/20/2012	04:30:39	12.86	110	3.8	Start Mixing Scav Slurry	
05/20/2012	04:30:40	13.35	113	3.9	Bring to weight	
05/20/2012	04:30:50	15.56	123	3.9		
05/20/2012	04:33:03	15.79	284	4.7	End Scavenger Slurry	
05/20/2012	04:33:04	15.83	253	4.9	Start Mixing Tail Slurry	
05/20/2012	04:33:06	15.85	261	5.0	31 bbl 15.8 tail	
05/20/2012	04:33:20	15.79	299	5.1		
05/20/2012	04:33:28	15.73	269	5.1	Good returns	
05/20/2012	04:33:43	15.72	287	5.2	Took wet/dry samples	
05/20/2012	04:35:50	15.69	199	4.7		
05/20/2012	04:37:18	15.94	258	4.2	End Tail Slurry	
05/20/2012	04:37:21	15.97	202	4.5	End Cement Slurry	
05/20/2012	04:38:13	16.01	163	3.7	Reset Total, Vol = 33.70 bbl	
05/20/2012	04:38:18	16.05	30	1.3	Drop Top Plug	
05/20/2012	04:38:20	16.03	27	0.3	Start Displacement	
05/20/2012	04:40:50	15.98	5	0.0		
05/20/2012	04:42:23	9.88	100	2.8	Good returns	
05/20/2012	04:43:20	9.26	97	3.7		
05/20/2012	04:45:50	8.60	181	6.4		
05/20/2012	04:48:20	8.49	113	5.0		
05/20/2012	04:50:50	8.56	193	5.0		
05/20/2012	04:51:34	8.47	196	5.0	38 bbl cement to surface	
05/20/2012	04:53:20	8.46	241	5.0		
05/20/2012	04:55:50	8.46	280	3.9		
05/20/2012	04:58:20	8.46	291	2.5		
05/20/2012	05:00:50	8.46	365	2.5		
05/20/2012	05:00:59	8.46	1099	1.5	Bump Top Plug	
05/20/2012	05:01:00	8.46	1092	0.8	End Displacement	
05/20/2012	05:01:03	8.46	1087	0.2	Bumped plug @ 1000 PSI	
05/20/2012	05:03:20	8.46	1081	0.0		
05/20/2012	05:05:31	8.47	1	0.0	Floats held	
05/20/2012	05:05:32	8.46	1	0.0	1 bbl back	

Well Federal 29-5A	Field Parachute	Job Start May/19/2012	Customer Encana	Job Number C4HD-00274
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 4.3	N2	Mud	Maximum Rate 6.6	Total Slurry 109.0	Mud 0.0	Spacer 21.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 3535	Final 2	Average 352	Bump Plug to 1000	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 109.0 bbl	Displacement 76.0 bbl	Mix Water Temp 71 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 38.0 bbl	Washed Thru Perfs <input type="checkbox"/>	To ft	
Customer or Authorized Representative Marco Silva		Schlumberger Supervisor Matt Fair/Justin Zika			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
					-	-		

Client:	Encana
Field:	Parachute
Rig:	Nabors M11
Well:	Federal 29-5A
Service Line:	Cementing
Job Type:	9 5/8" Surface

Service Order #:	
Date:	May/19/2012
Operating Time (hh:mm):	00:00
Client Rep:	Marco Silva
Schlumberger Engineer:	Matt Fair/Justin Zika
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 checked="" type="checkbox"/>	no <input type="checkbox"/>	5
1b	Free of environmental spill or non-compliant discharge	5	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	5
1c	Wellsite left clean	4	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	4
Sub-total					100%

2	Design / Preparation				
2a	Program incl. job simulation (CemCADE) & pump schedule / tool hydraulic calcs	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
2b	Equipment maintenance schedule completed / Green tagged	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
2c	All materials and equipment required for job/contingency checked & on location	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
2d	Safety / pre-job meeting conducted with all involved present	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
Sub-total					100%

3	Execution				
3a	Lost time < 30 mins	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
3b	Equipment pressure tested successfully	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
3c	All key parameters monitored and recorded accurately (Pressure, Rate, Density)	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3d	Plugs / darts released and tested successfully	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3e	Density variation met expectations	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3f	Personnel performed as per expectations	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3g	Equipment performed as per expectations	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3h	Job pumped as per design	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
3i	Did job start on time	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3j	Free of Operational failures (screen out, Cementing Example, etc.)	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
Sub-total					100%

4	Evaluation				
4a	Main job objective achieved with no consequential non-productive time	10	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	10
Sub-total					100%

Total 100%

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

Client:	Schlumberger:
Client Signature:	Schlumberger Signature: