



Cementing Job Report

Well	EF14D-27 P	Client	Encana
Field	N. Parachute	SIR No.	
Engineer		Job Type	9 5/8 Surface
Country	United States	Job Date	04-14-2012

Time	Pressure	Rate	Density	Messages
04/14/2012 04:42:02				
03:14:07				272 sks 12.5 Lead 158 sks 14.0 Tail Displace Fresh Water Rig Up Per Standard Held Safety meeting Start Job Pressure Test Lines Low Test 500 psi Test Good High Test 3000 psi Test Good Start Pumping Spacer 20 bbl Fresh Water Good Returns End Spacer Start Cement Slurry Start Mixing Scav Slurry End Scavenger Slurry Start Mixing Lead Slurry Wet Dry Samples Test = 12.5 ppg Good Returns Sample # 008300 Water Sample # 008403/ 008427 End Lead Slurry Start Mixing Scav Slurry End Scavenger Slurry Start Mixing Tail Slurry Wet Dry Samples Test = 14.0 ppg Sample # 008298 Good Returns End Tail Slurry End Cement Slurry Drop Top Plug Start Displacement Displace Fresh Water Good Returns
hh:mm:ss	0.00 1000 2000 3000 4000 5000	0.00 2.0 4.0 6.0 8.0 10.0	5.0 10.0 15.0 20.0 25.0	
01/19/2038 03:14:07	PSI	B/M	LB/G	

Cementing

PRD Post Job Plot

Pressure Rate Density

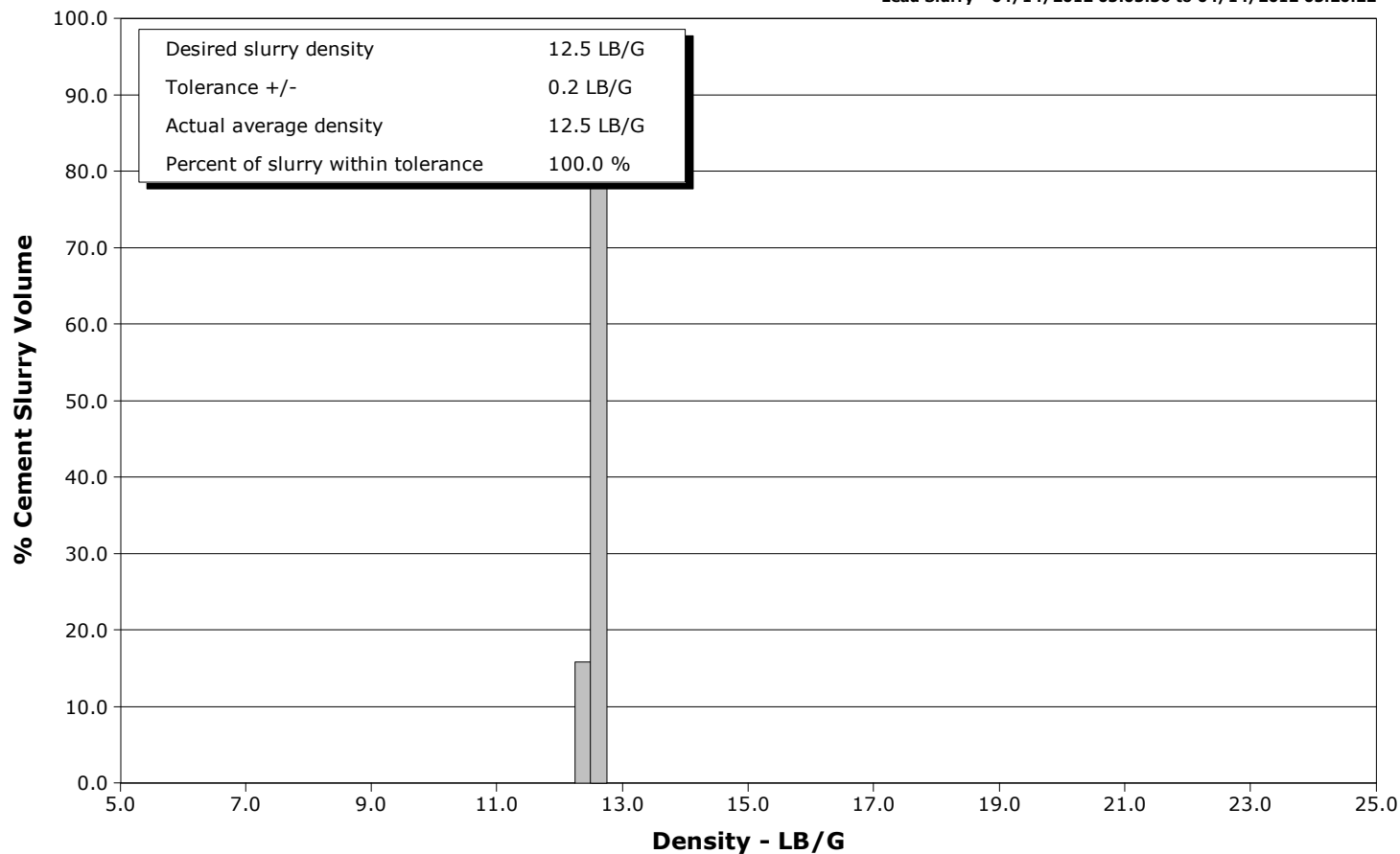


Schlumberger Cementing Qa/Qc Density Report

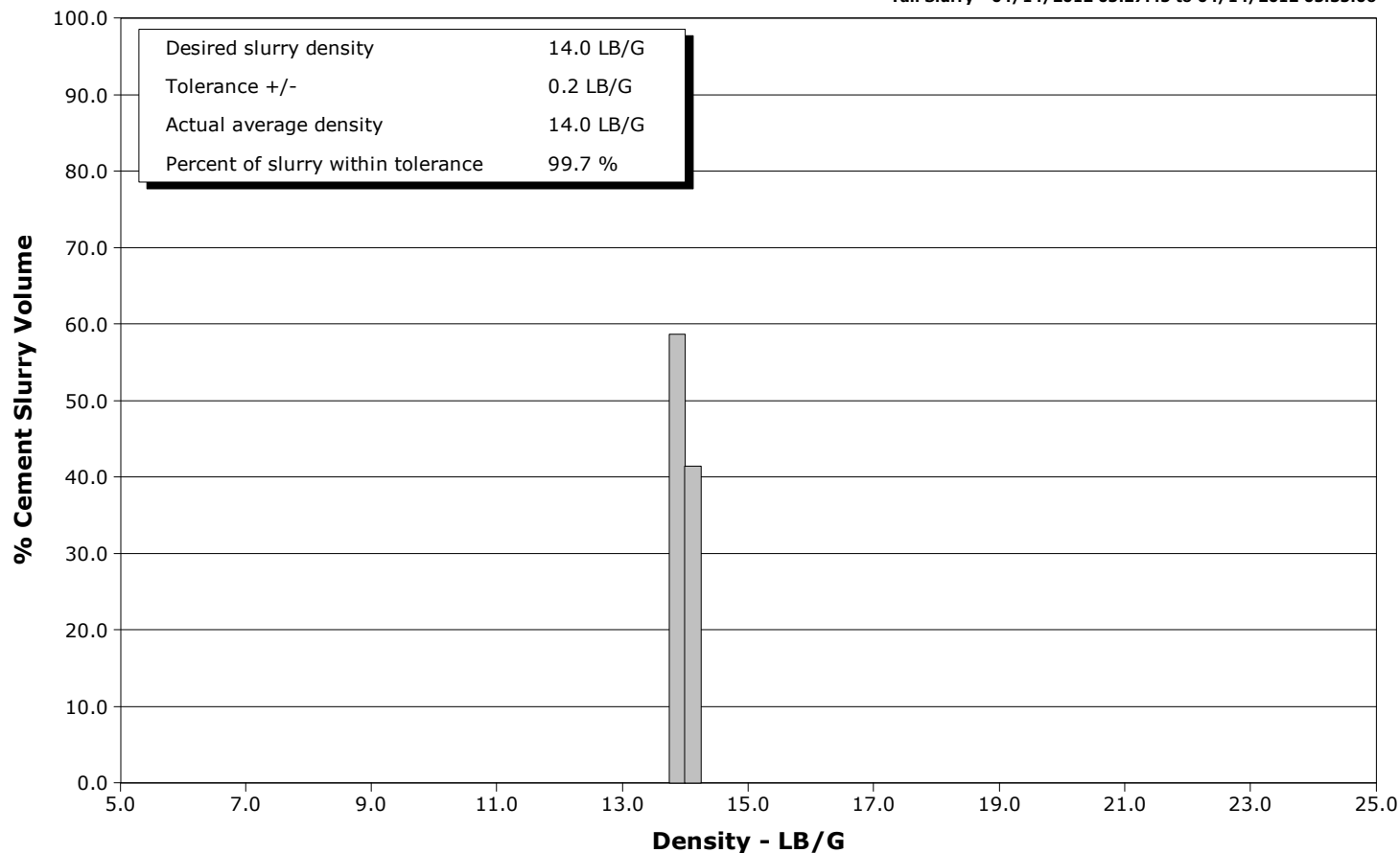
Well EF14D-27 P
Field N. Parachute
Engineer
Country United States

Client Encana
SIR No.
Job Type 9 5/8 Surface
Job Date 04-14-2012

Lead Slurry - 04/14/2012 05:05:36 to 04/14/2012 05:20:22



Tail Slurry - 04/14/2012 05:27:45 to 04/14/2012 05:35:06





Cementing Service Report

				Customer Encana			Job Number C33J-00035								
Well EF14D-27 P			Location (legal)			Schlumberger Location GCO		Job Start Apr/14/2012							
Field N. Parachute		Formation Name/Type Shale		Deviation		Bit Size 12.3 in		Well MD 1827.0 ft		Well TVD					
County Garfield		State/Province Colorado		BHP		BHST 100 degF		BHCT 87 degF		Pore Press. Gradient					
Well Master		API/UWI													
Rig Name Patterson 303		Drilled For Gas		Service Via Land		Casing/Liner									
Offshore Zone		Well Class New		Well Type Development		Depth, ft		Size, in		Weight, lb/ft		Grade		Thread	
						120.0		16.000		65.0		J55		8RD	
						1827.0		9.630		36.0		J55		8RD	
Drilling Fluid Type Bentonite		Max. Density		Plastic Viscosity		Tubing/Drill Pipe									
Service Line Cementing		Job Type 9 5/8 Surface		WH Connection Single Cement head		Depth,		Size,		Weight,		Grade		Thread	
Max. Allowed Tub. Press 3000 psi		Max. Allowed Ann. Press		WH Connection Single Cement head		Perforations/Open Hole									
Service Instructions Rate And Density Checked 272 sks 12.0 Lead 158 sks 14.0 Tail Displace Fresh Water						Top,		Bottom,				No. of Shots		Total Interval	
Treat Down Casing		Displacement 138.0 bbl		Packer Type		Packer Depth									
Tubing Vol.		Casing Vol. 140.0 bbl		Annular Vol. 112.0 bbl		Openhole Vol. 262.0 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 1827.0 ft		Tool Type									
No. Centralizers		Top Plugs 1		Bottom Plugs		Stage Tool Type		Tool Depth							
Cement Head Type				Stage Tool Depth		Tail Pipe Size									
Job Scheduled For Apr/14/2012		Arrived on Location Apr/14/2012		Leave Location Apr/14/2012		Collar Type Float		Tail Pipe Depth							
						Collar Depth 1782.0 ft		Sqz. Total Vol.							
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message									
04/14/2012	02:38:44					Started Acquisition									
04/14/2012	04:42:02					272 sks 12.5 Lead									
04/14/2012	04:42:02					158 sks 14.0 Tail									
04/14/2012	04:42:02					Displace Fresh Water									
04/14/2012	04:42:02	-51	0.0	8.45	0.0										
04/14/2012	04:42:03					Rig Up Per Standard									
04/14/2012	04:42:03					Held Safety meeting									
04/14/2012	04:42:03	-50	0.0	8.45	0.0										
04/14/2012	04:42:04					Start Job									
04/14/2012	04:42:04	-50	0.0	8.45	0.0										
04/14/2012	04:42:07					Pressure Test Lines									
04/14/2012	04:42:07	-50	0.0	8.45	0.0										
04/14/2012	04:42:09					Low Test 500 psi									
04/14/2012	04:42:09					Test Good									
04/14/2012	04:42:09					High Test 3000 psi									
04/14/2012	04:42:09					Test Good									
04/14/2012	04:42:09	-49	0.0	8.45	0.0										
04/14/2012	04:42:44	-50	0.0	8.45	0.0										
04/14/2012	04:44:44	-18	2.3	8.46	0.2										
04/14/2012	04:46:44	-28	0.2	8.46	3.7										
04/14/2012	04:48:44	1520	0.0	8.46	3.8										

Well			Field		Job Start	Customer	Job Number
EF14D-27 P			N. Parachute		Apr/14/2012	Encana	C33J-00035
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
04/14/2012	04:52:44	3286	0.0	8.46	3.8		
04/14/2012	04:54:44	3248	0.0	8.46	3.8		
04/14/2012	04:56:44	-31	0.0	8.46	3.8		
04/14/2012	04:58:24					Start Pumping Spacer	
04/14/2012	04:58:24	29	1.6	8.46	4.3		
04/14/2012	04:58:26					20 bbl Fresh Water	
04/14/2012	04:58:26	41	2.3	8.46	4.4		
04/14/2012	04:58:27					Good Returns	
04/14/2012	04:58:27	49	2.3	8.46	4.4		
04/14/2012	04:58:44	46	2.6	8.46	5.1		
04/14/2012	05:00:44	88	3.2	8.46	11.3		
04/14/2012	05:02:44	90	3.3	8.46	17.8		
04/14/2012	05:04:44	356	6.2	12.79	25.7		
04/14/2012	05:04:50					End Spacer	
04/14/2012	05:04:50	276	6.4	12.82	26.3		
04/14/2012	05:04:51					Start Cement Slurry	
04/14/2012	05:04:51	363	6.4	12.81	26.4		
04/14/2012	05:04:52					Start Mixing Scav Slurry	
04/14/2012	05:04:52	351	6.4	12.81	26.5		
04/14/2012	05:05:36					End Scavenger Slurry	
04/14/2012	05:05:36					Start Mixing Lead Slurry	
04/14/2012	05:05:36	352	6.2	12.64	31.2		
04/14/2012	05:05:38					Wet Dry Samples	
04/14/2012	05:05:38					Test = 12.5 ppg	
04/14/2012	05:05:38					Good Returns	
04/14/2012	05:05:38					Sample # 008300	
04/14/2012	05:05:38					Water Sample # 008403/ 008427	
04/14/2012	05:05:38	340	6.2	12.64	31.4		
04/14/2012	05:06:44	321	6.4	12.57	38.3		
04/14/2012	05:08:44	345	6.4	12.51	51.0		
04/14/2012	05:10:44	255	6.4	12.58	63.6		
04/14/2012	05:12:44	267	6.4	12.56	76.2		
04/14/2012	05:14:44	259	6.4	12.43	88.9		
04/14/2012	05:16:44	191	6.2	12.55	101.5		
04/14/2012	05:18:44	221	6.2	12.54	114.1		
04/14/2012	05:20:22					End Lead Slurry	
04/14/2012	05:20:22	47	2.3	12.40	122.5		
04/14/2012	05:20:33					Start Mixing Scav Slurry	
04/14/2012	05:20:33	45	2.3	12.34	122.9		
04/14/2012	05:20:44	-42	1.2	12.30	123.3		
04/14/2012	05:22:44	-42	0.0	12.49	123.3		
04/14/2012	05:24:44	-39	0.0	12.40	123.3		
04/14/2012	05:26:44	-37	0.0	12.38	123.3		
04/14/2012	05:27:43					End Scavenger Slurry	
04/14/2012	05:27:43	205	4.4	14.15	125.3		
04/14/2012	05:27:45					Start Mixing Tail Slurry	
04/14/2012	05:27:45	234	4.4	14.15	125.5		
04/14/2012	05:27:46					Wet Dry Samples	
04/14/2012	05:27:46					Test = 14.0 ppg	
04/14/2012	05:27:46					Sample # 008298	
04/14/2012	05:27:46					Good Returns	
04/14/2012	05:27:46	234	4.4	14.15	125.6		
04/14/2012	05:28:44	145	4.4	13.90	129.9		
04/14/2012	05:30:44	68	4.5	14.04	138.7		

Well			Field		Job Start	Customer	Job Number
EF14D-27 P			N. Parachute		Apr/14/2012	Encana	C33J-00035
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
04/14/2012	05:34:44	133	4.4	14.17	156.5		
04/14/2012	05:35:06					End Tail Slurry	
04/14/2012	05:35:06	153	4.4	14.19	158.2		
04/14/2012	05:36:44	65	3.3	14.10	164.3		
04/14/2012	05:38:44	53	2.2	14.07	170.6		
04/14/2012	05:39:03					End Cement Slurry	
04/14/2012	05:39:03	-17	1.3	14.03	171.2		
04/14/2012	05:39:06					Drop Top Plug	
04/14/2012	05:39:06	-50	1.2	14.05	171.3		
04/14/2012	05:39:08					Start Displacement	
04/14/2012	05:39:08	-52	0.2	14.07	171.3		
04/14/2012	05:39:10					Displace Fresh Water	
04/14/2012	05:39:10					Good Returns	
04/14/2012	05:39:10	-51	0.0	14.09	171.3		
04/14/2012	05:40:44	-47	0.0	14.06	171.3		
04/14/2012	05:42:44	-34	0.0	14.07	171.3		
04/14/2012	05:44:44	33	3.2	8.95	176.6		
04/14/2012	05:46:44	16	3.3	8.72	183.0		
04/14/2012	05:48:44	98	6.4	8.59	192.9		
04/14/2012	05:50:44	110	6.4	8.52	205.5		
04/14/2012	05:52:44	172	6.4	8.44	218.1		
04/14/2012	05:54:44	178	6.4	8.43	230.8		
04/14/2012	05:56:44	212	6.2	8.48	243.4		
04/14/2012	05:58:44	463	6.2	8.46	256.0		
04/14/2012	06:00:44	338	6.4	8.46	268.7		
04/14/2012	06:02:44	416	6.2	8.46	281.3		
04/14/2012	06:04:44	433	4.5	8.46	292.9		

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?	Volume		
				52 degF	Washed Thru Perfs	To		
Customer or Authorized Representative			Schlumberger Supervisor			Circulation Lost	Job Completed	
Richard Mitchell			Jordan Moreland			-	-	



Service Order #:	
Date:	Apr/14/2012
Operating Time:	0.0
Client Rep:	Encana
Schlumberger Engineer:	Jordan Moreland
Schlumberger FSM:	

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

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%

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

Client:	Schlumberger:
Client Signature:	Schlumberger Signature: