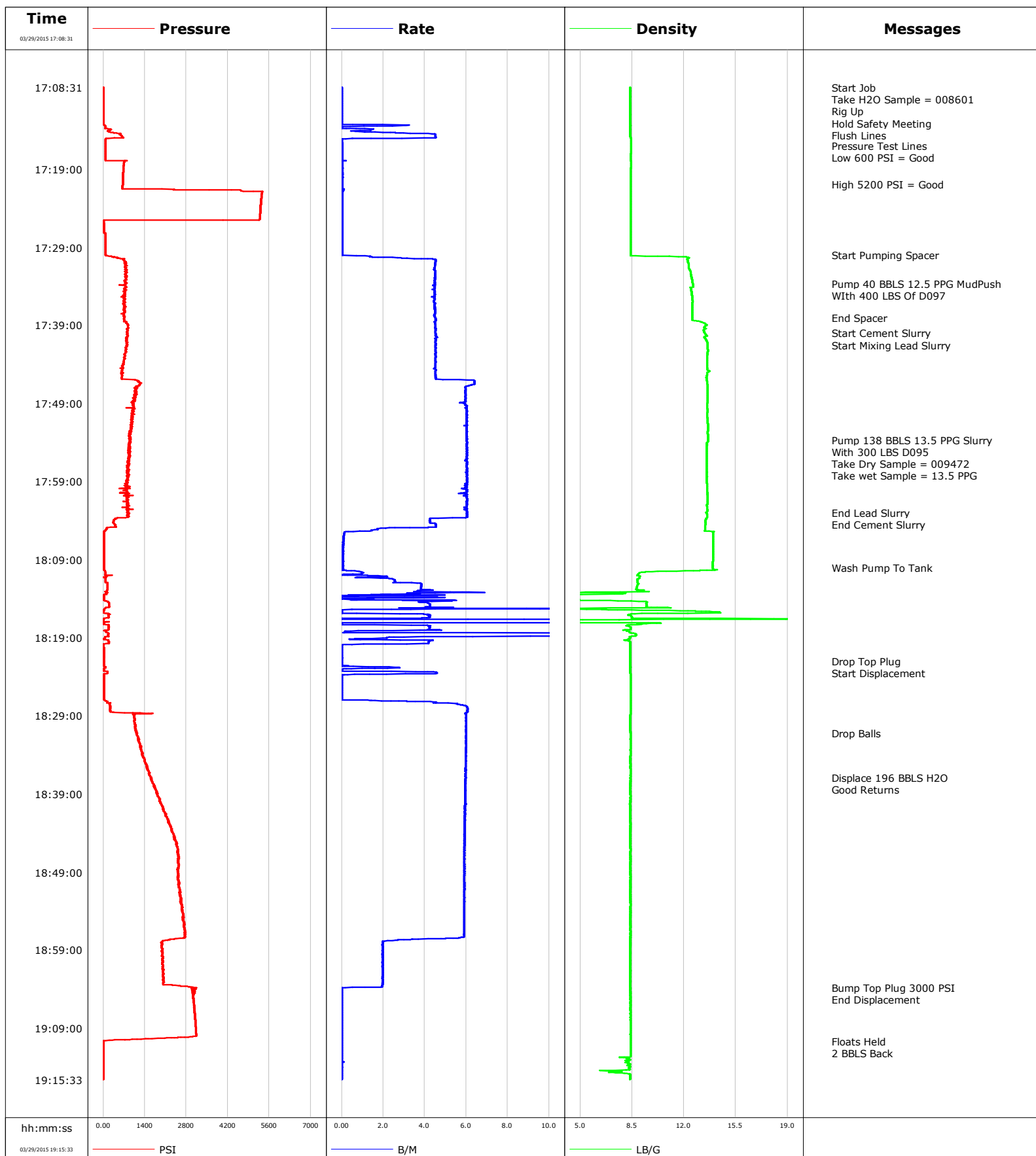


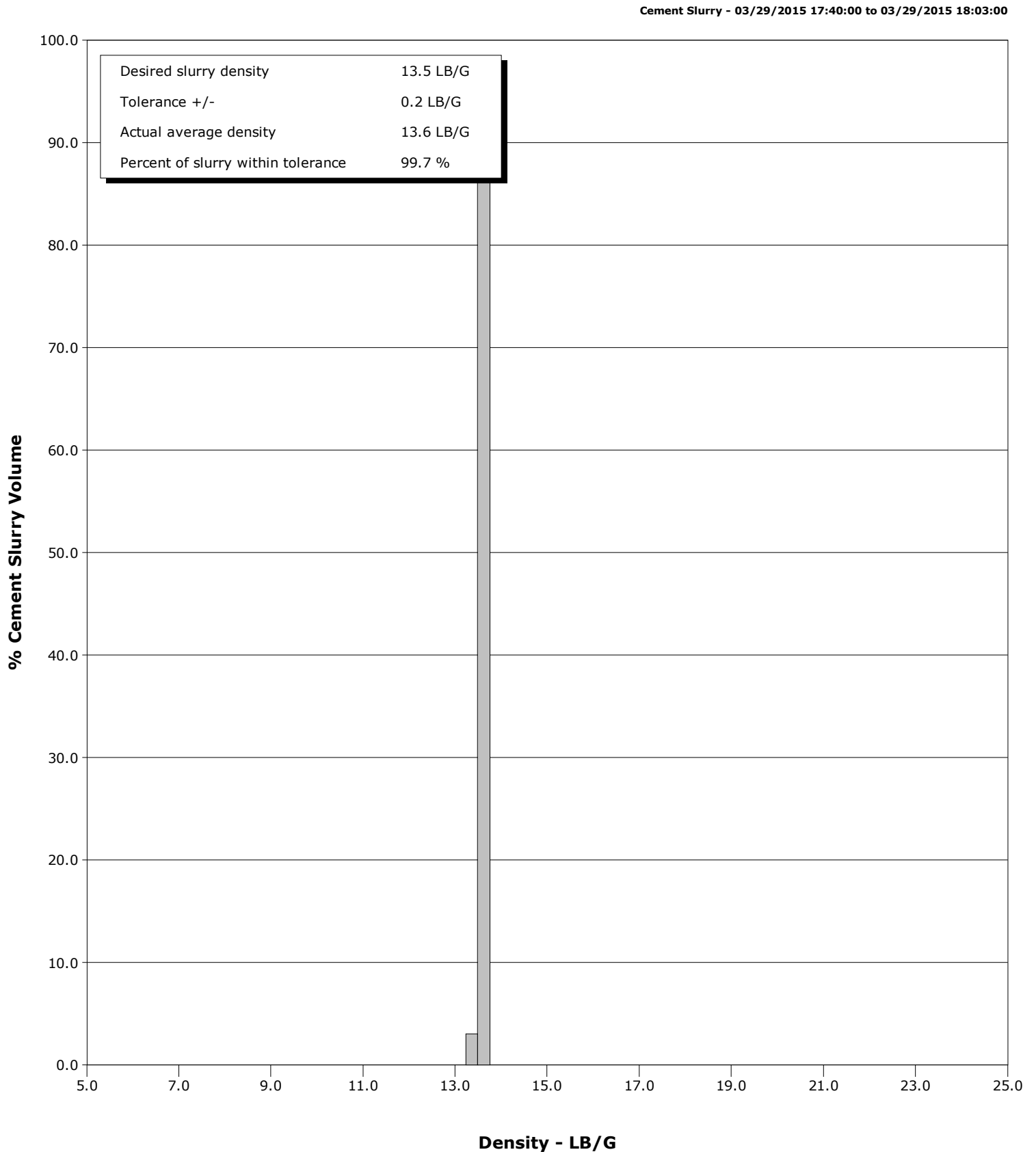
Well Sprague 3F 9H
Field DJ
Engineer Conley Jensen/ Ken Sovereign
Country United States

Client Encana
SIR No. 2116997
Job Type 4.5 Production
Job Date 03-29-2015



Well Sprague 3F 9H
Field DJ
Engineer Conley Jensen/ Ken Sovereign
Country United States

Client Encana
SIR No. 2116997
Job Type 4.5 Production
Job Date 03-29-2015



				Customer Encana				Job Number 2116997			
Well Sprague 3F 9H 3F 9H			Location (legal) CWY			Schlumberger Location CWY			Job Start Mar/29/2015		
Field DJ		Formation Name/Type Shale		Deviation deg		Bit Size 6.1 in		Well MD 12969.0 ft		Well TVD 7530.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 215 degF		BHCT 215 degF		Pore Press. Gradient lb/gal	
Well Master 0631548286		API/UWI 05123392740000									
Rig Name Patterson 272		Drilled For Oil		Service Via Land		Casing/ Liner					
						Depth, ft		Size, in		Weight, lb/ft	
Offshore Zone		Well Class New		Well Type Development		7997.0		7.0		26.0	
						12965.0		4.5		13.5	
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe					
						T/D		Depth, ft		Size, in	
Service Line Cementing		Job Type 4.5 Production									
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection		Perforations/Open Hole					
						Top, ft		Bottom, ft		shot/ft	
						ft		ft		No. of Shots	
						ft		ft		Total Interval ft	
						ft		ft		Diameter in	
						Treat Down Casing		Displacement 193.5 bbl		Packer Type	
										Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 193.5 bbl		Annular Vol. 232.0 bbl	
										Openhole Vol. 440.0 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 psi						Shoe Type Guide		Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 12965.0 ft		Tool Type			
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type		Tool Depth ft			
Cement Head Type						Stage Tool Depth ft		Tail Pipe Size in			
Job Scheduled For Mar/29/2015 10:00		Arrived on Location Mar/29/2015 10:00		Leave Location Mar/29/2015		Collar Type Float		Tail Pipe Depth ft			
						Collar Depth 12961.0 ft		Sqz. Total Vol. bbl			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
03/29/2015	17:08:31	8	0.0	8.38	0.0	Started Acquisition					
03/29/2015	17:08:33	7	0.0	8.38	0.0	Start Job					
03/29/2015	17:09:00	7	0.0	8.38	0.0	Take H2O Sample = 008601					
03/29/2015	17:10:00	8	0.0	8.38	0.0	Rig Up					
03/29/2015	17:10:01	7	0.0	8.38	0.0						
03/29/2015	17:11:00	7	0.0	8.38	0.0	Hold Safety Meeting					
03/29/2015	17:11:31	7	0.0	8.38	0.0						
03/29/2015	17:13:01	4	0.0	8.38	0.0						
03/29/2015	17:14:00	250	1.4	8.38	0.3	Flush Lines					
03/29/2015	17:14:31	573	4.5	8.38	1.3						
03/29/2015	17:16:00	77	0.0	8.43	0.0	Pressure Test Lines					
03/29/2015	17:16:01	77	0.0	8.43	0.0						
03/29/2015	17:17:00	77	0.0	8.42	0.0	Low 600 PSI = Good					
03/29/2015	17:17:31	76	0.0	8.41	0.1						
03/29/2015	17:19:01	677	0.0	8.42	0.1						
03/29/2015	17:20:31	658	0.0	8.41	0.2						
03/29/2015	17:21:00	653	0.0	8.41	0.2	High 5200 PSI = Good					
03/29/2015	17:22:01	5351	0.0	8.41	0.3						
03/29/2015	17:23:31	5310	0.0	8.40	0.3						
03/29/2015	17:25:01	5288	0.0	8.40	0.4						
03/29/2015	17:26:31	19	0.0	8.40	0.4						

Well			Field	Job Start		Customer	Job Number
Sprague 3F 9H 3F 9H			DJ	Mar/29/2015		Encana	2116997
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
03/29/2015	17:29:31	73	0.0	8.40	0.1		
03/29/2015	17:30:00	75	0.0	8.40	0.0	Start Pumping Spacer	
03/29/2015	17:31:01	785	4.5	12.28	3.2		
03/29/2015	17:32:31	769	4.5	12.47	9.9		
03/29/2015	17:33:38	750	4.5	12.59	14.9	Pump 40 BBLS 12.5 PPG MudPush	
03/29/2015	17:33:52	549	4.4	12.63	16.0	WItH 400 LBS Of D097	
03/29/2015	17:34:01	760	4.5	12.63	16.7		
03/29/2015	17:35:31	698	4.5	12.56	23.4		
03/29/2015	17:37:01	712	4.5	12.56	30.1		
03/29/2015	17:38:00	712	4.5	12.55	34.5	End Spacer	
03/29/2015	17:38:31	703	4.5	13.08	36.8		
03/29/2015	17:40:00	816	4.5	13.39	43.5	Start Cement Slurry	
03/29/2015	17:40:01	821	4.5	13.40	43.6		
03/29/2015	17:41:31	809	4.5	13.60	3.5		
03/29/2015	17:43:01	720	4.5	13.57	10.2		
03/29/2015	17:44:31	644	4.5	13.57	17.0		
03/29/2015	17:46:01	1095	6.3	13.53	23.9		
03/29/2015	17:47:31	1062	6.0	13.59	33.1		
03/29/2015	17:49:01	1037	5.9	13.57	42.0		
03/29/2015	17:50:31	984	6.0	13.57	51.0		
03/29/2015	17:52:01	949	6.0	13.62	60.1		
03/29/2015	17:53:31	892	6.0	13.62	69.1		
03/29/2015	17:53:42	895	6.0	13.62	70.2	Pump 138 BBLS 13.5 PPG Slurry	
03/29/2015	17:54:00	875	6.0	13.56	72.0	With 300 LBS D095	
03/29/2015	17:54:09	866	6.0	13.54	72.9	Take Dry Sample = 009472	
03/29/2015	17:54:43	845	6.0	13.52	76.3	Take wet Sample = 13.5 PPG	
03/29/2015	17:55:01	836	6.0	13.51	78.1		
03/29/2015	17:56:31	859	6.0	13.53	87.2		
03/29/2015	17:58:01	852	6.0	13.54	96.2		
03/29/2015	17:59:31	777	5.9	13.56	105.3		
03/29/2015	18:01:01	801	6.0	13.58	114.2		
03/29/2015	18:02:31	865	6.0	13.57	123.3		
03/29/2015	18:03:00	854	6.0	13.50	126.2	End Lead Slurry	
03/29/2015	18:04:01	347	4.2	13.44	131.7		
03/29/2015	18:05:31	33	0.1	13.94	136.5		
03/29/2015	18:07:01	32	0.1	13.95	136.6		
03/29/2015	18:08:31	24	0.1	13.95	136.7		
03/29/2015	18:10:00	25	0.1	13.94	0.0	Wash Pump To Tank	
03/29/2015	18:10:01	25	0.1	13.94	0.0		
03/29/2015	18:11:31	75	2.5	8.85	1.4		
03/29/2015	18:13:01	117	3.6	8.83	6.6		
03/29/2015	18:14:31	188	4.2	9.47	10.8		
03/29/2015	18:16:01	179	4.2	8.30	15.6		
03/29/2015	18:17:31	179	4.2	8.28	29.1		
03/29/2015	18:19:01	62	2.2	8.37	40.3		
03/29/2015	18:20:31	19	0.0	8.38	0.0		
03/29/2015	18:22:00	17	0.0	8.38	0.0	Drop Top Plug	
03/29/2015	18:22:01	17	0.0	8.38	0.0		
03/29/2015	18:23:31	145	4.6	8.38	1.5		
03/29/2015	18:25:01	19	0.0	8.39	2.2		
03/29/2015	18:26:31	19	0.0	8.39	2.2		
03/29/2015	18:28:01	239	6.1	8.39	7.2		
03/29/2015	18:29:31	1070	6.0	8.38	16.3		
03/29/2015	18:31:01	1116	6.0	8.38	25.2		

Well Sprague 3F 9H 3F 9H			Field DJ		Job Start Mar/29/2015		Customer Encana		Job Number 2116997	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
03/29/2015	18:32:31	1227	6.0	8.39	34.2					
03/29/2015	18:34:01	1319	6.0	8.38	43.2					
03/29/2015	18:35:31	1457	6.0	8.38	52.1					
03/29/2015	18:36:56	1606	6.0	8.38	60.6	Displace 196 BBLS H2O				
03/29/2015	18:37:01	1607	6.0	8.38	61.1					
03/29/2015	18:37:08	1601	6.0	8.38	61.8	Good Returns				
03/29/2015	18:38:31	1777	6.0	8.38	70.0					
03/29/2015	18:40:01	1932	5.9	8.38	78.9					
03/29/2015	18:41:31	2112	5.9	8.38	87.8					
03/29/2015	18:43:01	2247	5.9	8.38	96.7					
03/29/2015	18:44:31	2414	5.9	8.38	105.6					
03/29/2015	18:46:01	2521	5.9	8.38	114.5					
03/29/2015	18:47:31	2513	5.9	8.38	123.3					
03/29/2015	18:49:01	2515	5.9	8.38	132.2					
03/29/2015	18:50:31	2569	5.9	8.38	141.0					
03/29/2015	18:52:01	2591	5.9	8.38	149.9					
03/29/2015	18:53:31	2679	5.9	8.38	158.7					
03/29/2015	18:55:01	2694	5.9	8.38	167.6					
03/29/2015	18:56:31	2762	5.9	8.38	176.4					
03/29/2015	18:58:01	1953	2.0	8.38	183.6					
03/29/2015	18:59:31	1983	2.0	8.38	186.5					
03/29/2015	19:01:01	2021	2.0	8.38	189.5					
03/29/2015	19:02:31	2040	2.0	8.38	192.4					
03/29/2015	19:03:48	2980	0.0	8.38	194.8	Bump Top Plug 3000 PSI				
03/29/2015	19:03:49	2983	0.0	8.38	194.8	End Displacement				
03/29/2015	19:04:01	3014	0.0	8.38	194.8					
03/29/2015	19:05:31	3040	0.0	8.38	194.8					
03/29/2015	19:07:01	3081	0.0	8.38	194.8					
03/29/2015	19:08:31	3112	0.0	8.38	194.8					
03/29/2015	19:10:01	3104	0.0	8.38	194.8					
03/29/2015	19:10:38	11	0.0	8.38	194.8	Floats Held				
03/29/2015	19:11:31	10	0.0	8.38	194.8					
03/29/2015	19:13:01	14	0.0	8.37	194.8					

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl				
Slurry 4.0	N2	Mud	Maximum Rate 25.0	Total Slurry 425.9	Mud 0.0	Spacer 118.2	N2		
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum 5364	Final 9	Average 1155	Bump Plug to 3000	Breakdown	Type	Volume bbl	Density lb/gal		
Avg. N2 Percent %		Designed Slurry Volume 138.0 bbl		Displacement 175.3 bbl	Mix Water Temp 65 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl		
						Washed Thru Perfs <input type="checkbox"/>	To ft		
Customer or Authorized Representative Chris Clemens			Schlumberger Supervisor Conley Jensen/ Ken Sovereign			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
						-	-		



Service Order #:	
Date:	Mar/29/2015
Operating Time (hh:mm):	00:00
Client Rep:	Chris Clemens
Schlumberger Engineer:	Conley Jensen/ Ken Sovereign
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: