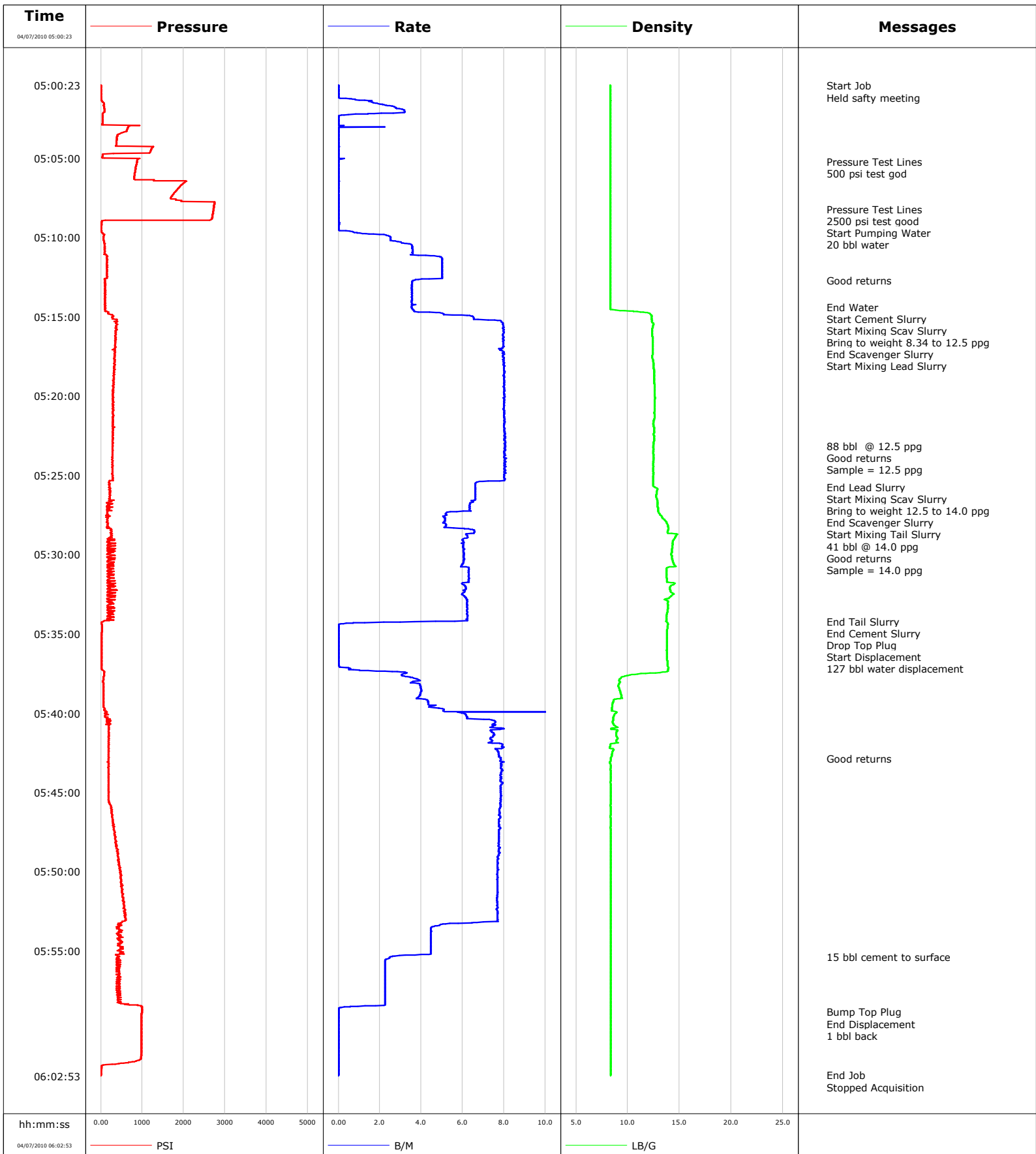


Well	WF13D-22 K22 596, 1	Client	Encana
Field	N. Parachute	SIR No.	B2K7-00041
Engineer	Terry Borg	Job Type	9 5/8 Surface
Country	United States	Job Date	04-06-2010



Cementing Service Report

Customer Encana				Job Number B2K7-00041							
Well WF13D-22 K22 596, 1 WF13D-22 K22 596, 1			Location (legal) K22 596, 1			Schlumberger Location GCO		Job Start Apr/06/2010			
Field N. Parachute		Formation Name/Type Shale		Deviation 0 deg		Bit Size 12.3 in		Well MD 1682.0 ft		Well TVD 1682.0 ft	
County Garfield		State/Province Colorado		BHP		BHST 100 degF		BHCT 87 degF		Pore Press. Gradient	
Well Master 0631170513		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 Development		1682.0	9.630	36.0	J55	8RD	
						0.0	0.000	0.0			
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 9 5/8		Perforations/Open Hole					
						Top,	Bottom,		No. of Shots	Total Interval	
										Diameter	
						Treat Down Casing	Displacement 127.0 bbl		Packer Type		Packer Depth
						Tubing Vol.	Casing Vol. 130.0 bbl		Annular Vol. 126.0 bbl		Openhole Vol. 243.0 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 832 psi				Shoe Type Guide				Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 1682.0 ft				Tool Type			
No. Centralizers 22		Top Plugs 1		Bottom Plugs		Stage Tool Type				Tool Depth	
Cement Head Type Single				Stage Tool Depth				Tail Pipe Size			
Job Scheduled For Apr/06/2010 19:00		Arrived on Location Apr/06/2010 23:00		Leave Location Apr/07/2010 07:00		Collar Type Diff-Fill				Tail Pipe Depth	
						Collar Depth 1640.0 ft				Sqz. Total Vol.	
Date	Time 24-hr clock	Treating Pressure PSI		Flow Rate B/M	Density LB/G	Volume BBL		Message			
04/07/2010	02:50:55							Started Acquisition			
04/07/2010	05:00:23	5		0.0	8.33	0.0					
04/07/2010	05:00:25							Start Job			
04/07/2010	05:00:25	5		0.0	8.33	0.0					
04/07/2010	05:00:28							Held safty meeting			
04/07/2010	05:00:28	6		0.0	8.33	0.0					
04/07/2010	05:00:55	5		0.0	8.33	0.0					
04/07/2010	05:02:35	38		0.0	8.31	2.2					
04/07/2010	05:04:15	368		0.0	8.32	2.3					
04/07/2010	05:05:13							Pressure Test Lines			
04/07/2010	05:05:13	876		0.0	8.32	2.3					
04/07/2010	05:05:19							500 psi test god			
04/07/2010	05:05:19	867		0.0	8.32	2.3					
04/07/2010	05:05:55	824		0.0	8.32	2.3					
04/07/2010	05:07:35	1713		0.0	8.32	2.3					
04/07/2010	05:08:12							Pressure Test Lines			
04/07/2010	05:08:12	2725		0.0	8.32	2.3					
04/07/2010	05:08:15							2500 psi test good			
04/07/2010	05:08:15	2722		0.0	8.32	2.3					
04/07/2010	05:09:10							Start Pumping Water			
04/07/2010	05:09:10	13		0.0	8.32	2.3					

Well		Field		Job Start		Customer		Job Number	
WF13D-22 K22 596, 1 WF13D-22 K22 596, 1		N. Parachute		Apr/06/2010		Encana		B2K7-00041	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
04/07/2010	05:09:14	12	0.0	8.32	2.3				
04/07/2010	05:09:15	12	0.0	8.32	2.3				
04/07/2010	05:10:55	95	3.6	8.31	5.9				
04/07/2010	05:12:35	151	5.0	8.31	13.9				
04/07/2010	05:12:42					Good returns			
04/07/2010	05:12:42	111	3.7	8.31	14.4				
04/07/2010	05:14:15	92	3.5	8.30	19.9				
04/07/2010	05:14:22					End Water			
04/07/2010	05:14:22	104	3.5	8.30	20.3				
04/07/2010	05:14:24					Start Cement Slurry			
04/07/2010	05:14:24	100	3.5	8.29	20.4				
04/07/2010	05:14:25					Start Mixing Scav Slurry			
04/07/2010	05:14:25	110	3.5	8.29	20.5				
04/07/2010	05:14:27					Bring to weight 8.34 to 12.5 ppg			
04/07/2010	05:14:27	102	3.5	8.29	20.6				
04/07/2010	05:15:27					End Scavenger Slurry			
04/07/2010	05:15:27	371	7.9	12.47	26.4				
04/07/2010	05:15:30					Start Mixing Lead Slurry			
04/07/2010	05:15:30	396	8.0	12.48	26.8				
04/07/2010	05:15:55	356	8.0	12.35	30.1				
04/07/2010	05:17:35	343	8.0	12.37	43.3				
04/07/2010	05:19:15	308	8.0	12.57	56.7				
04/07/2010	05:20:55	299	8.0	12.59	69.7				
04/07/2010	05:22:35	288	8.1	12.53	83.1				
04/07/2010	05:23:09					88 bbl @ 12.5 ppg			
04/07/2010	05:23:09	286	8.1	12.47	87.7				
04/07/2010	05:23:10					Good returns			
04/07/2010	05:23:10	286	8.0	12.46	87.8				
04/07/2010	05:23:12					Sample = 12.5 ppg			
04/07/2010	05:23:12	280	8.1	12.48	88.1				
04/07/2010	05:24:15	286	8.0	12.47	96.5				
04/07/2010	05:25:44					End Lead Slurry			
04/07/2010	05:25:44	205	6.6	12.57	107.9				
04/07/2010	05:25:48					Start Mixing Scav Slurry			
04/07/2010	05:25:48	209	6.6	12.75	108.4				
04/07/2010	05:25:55	216	6.6	12.86	109.1				
04/07/2010	05:26:01					Bring to weight 12.5 to 14.0 ppg			
04/07/2010	05:26:01	245	6.6	12.80	109.8				
04/07/2010	05:27:35	224	5.2	13.25	119.6				
04/07/2010	05:27:45					End Scavenger Slurry			
04/07/2010	05:27:45	166	5.1	13.41	120.4				
04/07/2010	05:27:48					Start Mixing Tail Slurry			
04/07/2010	05:27:48	158	5.2	13.53	120.7				
04/07/2010	05:28:14					41 bbl @ 14.0 ppg			
04/07/2010	05:28:14	174	5.2	13.87	122.9				
04/07/2010	05:28:16					Good returns			
04/07/2010	05:28:16	186	5.2	13.89	123.1				
04/07/2010	05:28:19					Sample = 14.0 ppg			
04/07/2010	05:28:19	203	5.1	13.92	123.4				
04/07/2010	05:29:15	147	6.1	14.35	129.2				
04/07/2010	05:30:55	320	6.3	13.75	139.3				
04/07/2010	05:32:35	362	6.1	14.27	149.6				
04/07/2010	05:34:13					End Tail Slurry			
04/07/2010	05:34:13	66	5.6	13.71	159.5				

Well		Field		Job Start		Customer		Job Number	
WF13D-22 K22 596, 1 WF13D-22 K22 596, 1		N. Parachute		Apr/06/2010		Encana		B2K7-00041	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
04/07/2010	05:34:15	71	3.7	13.74	159.7				
04/07/2010	05:34:20					Drop Top Plug			
04/07/2010	05:34:20	26	0.7	13.85	159.8				
04/07/2010	05:34:24					Start Displacement			
04/07/2010	05:34:24	24	0.1	13.86	159.9				
04/07/2010	05:34:27					127 bbl water displacement			
04/07/2010	05:34:27	25	0.0	13.86	159.9				
04/07/2010	05:35:55	18	0.0	13.76	159.9				
04/07/2010	05:37:35	75	3.1	10.42	160.7				
04/07/2010	05:39:15	67	4.3	8.63	167.1				
04/07/2010	05:40:55	199	7.3	9.01	179.8				
04/07/2010	05:42:35	188	7.8	8.47	192.5				
04/07/2010	05:42:53					Good returns			
04/07/2010	05:42:53	183	7.8	8.35	194.8				
04/07/2010	05:44:15	185	7.8	8.35	205.6				
04/07/2010	05:45:55	250	7.8	8.34	218.7				
04/07/2010	05:47:35	322	7.8	8.34	231.6				
04/07/2010	05:49:15	431	7.7	8.34	244.5				
04/07/2010	05:50:55	507	7.7	8.34	257.4				
04/07/2010	05:52:35	570	7.7	8.34	270.2				
04/07/2010	05:54:15	414	4.5	8.34	279.8				
04/07/2010	05:55:22					15 bbl cement to surface			
04/07/2010	05:55:22	449	2.6	8.34	284.6				
04/07/2010	05:55:55	385	2.2	8.34	285.9				
04/07/2010	05:57:35	428	2.3	8.34	289.7				
04/07/2010	05:58:51					Bump Top Plug			
04/07/2010	05:58:51	989	0.0	8.34	291.7				
04/07/2010	05:58:52					End Displacement			
04/07/2010	05:58:52	989	0.0	8.34	291.7				
04/07/2010	05:58:56					1 bbl back			
04/07/2010	05:58:56	989	0.0	8.34	291.7				
04/07/2010	05:59:15	986	0.0	8.34	291.7				
04/07/2010	06:00:55	977	0.0	8.34	291.7				
04/07/2010	06:02:35	11	0.0	8.34	291.7				
04/07/2010	06:02:50					End Job			
04/07/2010	06:02:50	10	0.0	8.34	291.7				

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
6.0		0.0	170.7	129.0	0.0	20.4	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
2747	1000	390					
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?		Volume
	129.0 bbl		127.0 bbl	70 degF	<input checked="" type="checkbox"/>		15.0 bbl
Customer or Authorized Representative				Schlumberger Supervisor		Circulation Lost	
Steve Records				Terry Borg		<input type="checkbox"/>	
						Job Completed <input checked="" type="checkbox"/>	