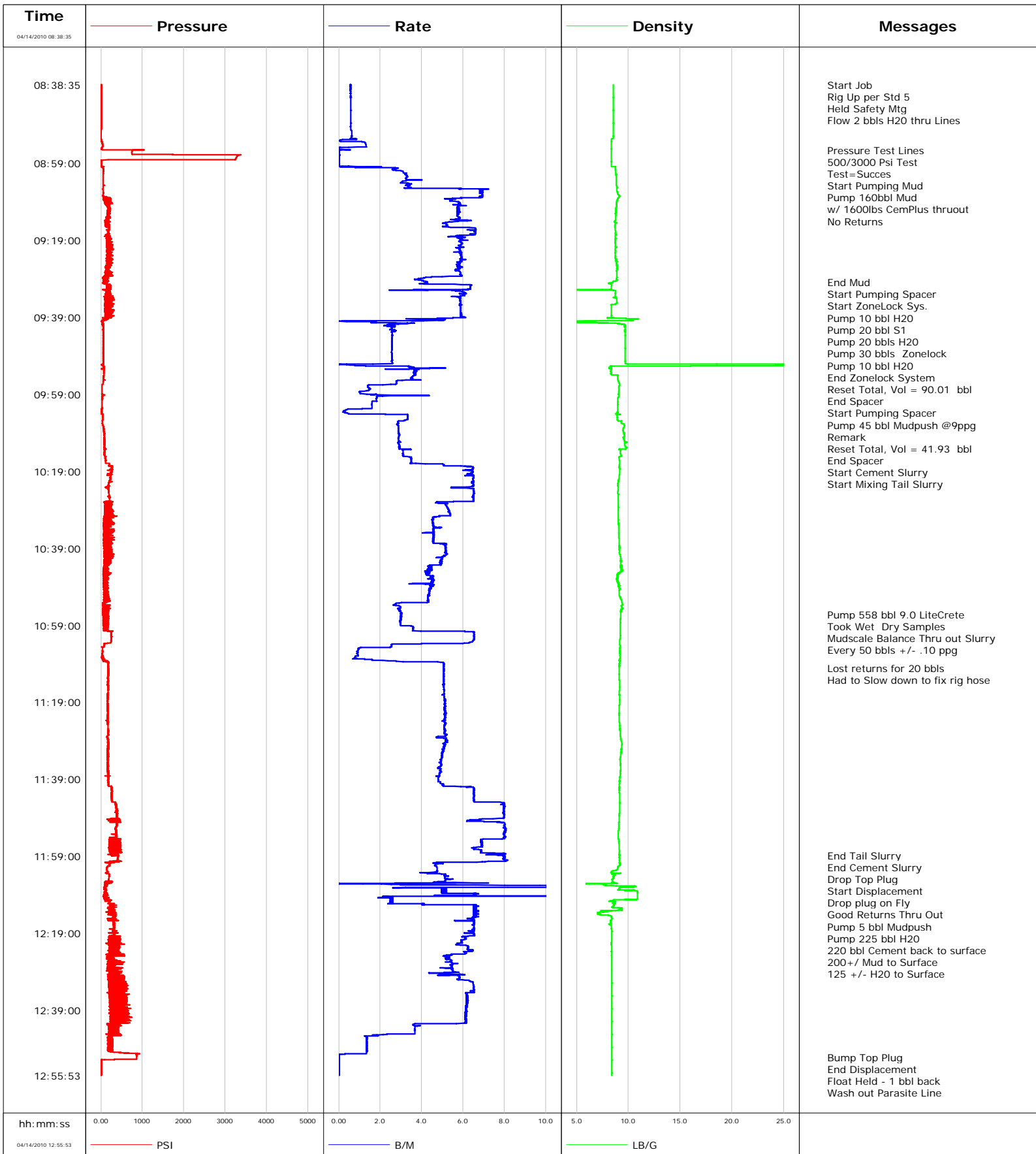


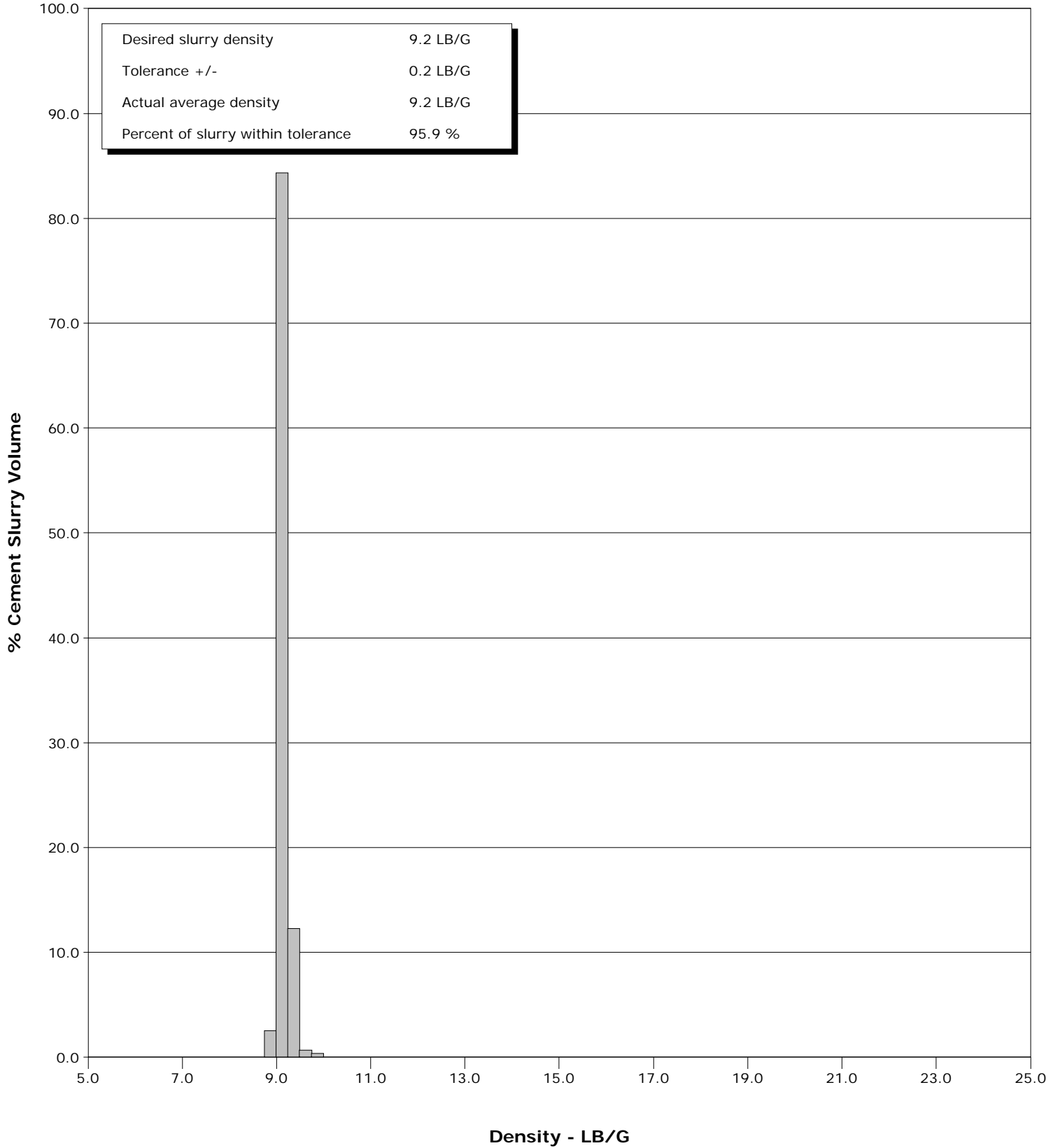
Well	SGU 8506D-25 F25 496	Client	Encana Oil Gas
Field	N Piceance	SIR No.	348819
Engineer	B. Farnham	Job Type	9 5/8" surface
Country	United States	Job Date	04-07-2010



Well SGU 8506D-25 F25 496
Field N Piceance
Engineer B. Farnham
Country United States

Client Encana Oil Gas
SIR No. 348819
Job Type 9 5/8" surface
Job Date 04-07-2010

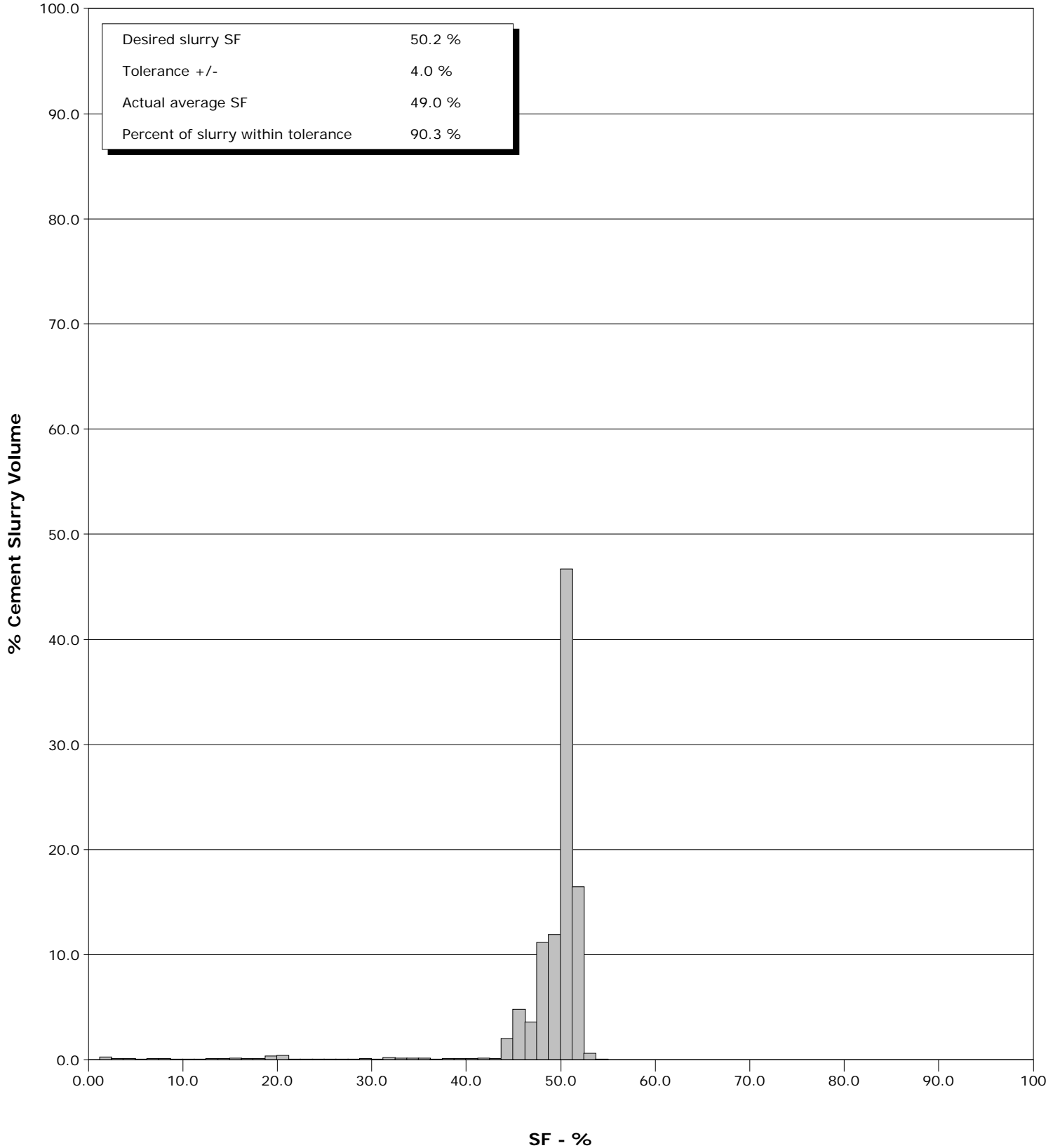
Cement Slurry - 04/14/2010 10:11:26 to 04/14/2010 11:58:50



Well SGU 8506D-25 F25 496
Field N Piceance
Engineer B. Farnham
Country United States

Client Encana Oil Gas
SIR No. 348819
Job Type 9 5/8" surface
Job Date 04-07-2010

Cement Slurry - 04/14/2010 10:11:26 to 04/14/2010 11:58:50





Cementing Service Report

Customer Encana Oil & Gas	Job Number 348819
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Well SGU 8506D-25 F25 496 SGU 8506D-25 F25 496	Location (legal) Patterson 306	Schlumberger Location	Job Start Apr/14/2010
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Field N Piceance	Formation Name/Type shale	Deviation 15 deg	Bit Size 14.8 in	Well MD 3016.0 ft	Well TVD 3016.0 ft
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County Garfield	State/Province Colorado	BHP	BHST 115 degF	BHCT 95 degF	Pore Press. Gradient
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Well Master 0631174261	API/UWI	Casing/Liner			
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Rig Name Patterson 306	Drilled For Gas	Service Via Land	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
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Offshore Zone	Well Class New	Well Type New Well Completion	120.0	20.000	94.0		8RD
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Drilling Fluid Type Bentonite	Max. Density 8.90 lb/gal	Plastic Viscosity 14.000 cP	Tubing/Drill Pipe				
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Service Line Cementing	Job Type 9 5/8" surface					
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Max. Allowed Tub. Press 3000 psi	Max. Allowed Ann. Press 1500 psi	WH Connection Single Cement head	Perforations/Open Hole				
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			Top,	Bottom,		No. of Shots	Total Interval
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Service Instructions Cement 9 5/8" Surface Casing @ 3000ft w/ 50% Excess 160 bbls CemNET + in mud 30 bbls ZONELOCK 50 bbls MUDPUSH @ 8.6 ppg 1108sks 9.0ppg LiteCRETE Drop plug on fly with 5 bbls 8.6 ppg MudPUSH II Displace w water CemNET in all slurry							
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Treat Down Casing	Displacement 230.0 bbl	Packer Type		Packer Depth
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Tubing Vol.	Casing Vol. 230.0 bbl	Annular Vol. 384.0 bbl		Openhole Vol. 635.0 bbl
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Casing/Tubing Secured <input checked="" type="checkbox"/>	1 Hole Vol. Circulated prior to Cement <input type="checkbox"/>	Casing Tools			Squeeze Job		
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Lift Pressure 1497 psi	Shoe Type guide	Squeeze Type		
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Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Shoe Depth 3016.0 ft	Tool Type				
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No. Centralizers 22	Top Plugs 1	Bottom Plugs	Stage Tool Type			Tool Depth		
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Cement Head Type Single			Stage Tool Depth			Tail Pipe Size		
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Job Scheduled For Apr/14/2010 05:30	Arrived on Location Apr/14/2010 05:30	Leave Location Apr/14/2010 13:00	Collar Type Float			Tail Pipe Depth		
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			Collar Depth 2970.0 ft			Sqz. Total Vol.		
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Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
04/14/2010	07:53:17					Started Acquisition
04/14/2010	08:38:35	1	0.6	8.53	0.0	
04/14/2010	08:38:36					Start Job
04/14/2010	08:38:36	1	0.6	8.53	0.0	
04/14/2010	08:38:41					Rig Up per Std 5
04/14/2010	08:38:41	1	0.6	8.53	0.1	
04/14/2010	08:38:42					Held Safety Mtg
04/14/2010	08:38:42	1	0.6	8.53	0.1	
04/14/2010	08:38:45					Flow 2 bbls H2O thru Lines
04/14/2010	08:38:45	1	0.6	8.53	0.1	
04/14/2010	08:43:17	1	0.6	8.53	2.7	
04/14/2010	08:48:17	1	0.6	8.53	5.6	
04/14/2010	08:53:17	2	0.1	8.38	8.5	
04/14/2010	08:55:36					Pressure Test Lines
04/14/2010	08:55:36	879	0.1	8.37	10.4	
04/14/2010	08:55:40					500/3000 Psi Test
04/14/2010	08:55:40	769	0.0	8.37	10.4	
04/14/2010	08:57:02					Test=Success
04/14/2010	08:57:02	3297	0.0	8.37	10.4	
04/14/2010	08:58:17	3	0.0	8.37	10.4	
04/14/2010	09:00:04					Start Pumping Mud

Well		Field		Job Start	Customer	Job Number
SGU 8506D-25 F25 496 SGU 8506D-25 F25 496		N Piceance		Apr/14/2010	Encana Oil & Gas	348819
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
04/14/2010	09:00:06					Pump 160bbl Mud
04/14/2010	09:00:06					w/ 1600lbs CemPlus thruout
04/14/2010	09:00:06	25	0.3	8.77	10.6	
04/14/2010	09:00:07					No Returns
04/14/2010	09:00:07	35	0.8	8.76	10.7	
04/14/2010	09:03:17	53	3.3	8.83	9.5	
04/14/2010	09:08:17	75	5.4	8.99	35.3	
04/14/2010	09:13:17	227	5.9	8.79	63.9	
04/14/2010	09:18:17	160	6.1	8.74	93.5	
04/14/2010	09:23:17	201	5.9	8.75	122.9	
04/14/2010	09:28:17	142	5.9	8.87	152.1	
04/14/2010	09:29:56					End Mud
04/14/2010	09:29:56	103	4.2	8.51	159.2	
04/14/2010	09:29:59					Start Pumping Spacer
04/14/2010	09:29:59	129	4.2	8.51	159.4	
04/14/2010	09:30:02					Start ZoneLock Sys.
04/14/2010	09:30:02	66	4.2	8.44	159.6	
04/14/2010	09:30:27					Pump 10 bbl H2O
04/14/2010	09:30:27	211	4.8	8.41	161.3	
04/14/2010	09:31:52					Pump 20 bbl S1
04/14/2010	09:31:52	47	5.0	6.29	170.2	
04/14/2010	09:33:17	124	6.1	8.75	178.4	
04/14/2010	09:36:22					Pump 20 bbls H2O
04/14/2010	09:36:22	98	5.9	8.35	196.4	
04/14/2010	09:38:17	228	5.9	8.34	207.7	
04/14/2010	09:39:45					Pump 30 bbls Zonelock
04/14/2010	09:39:45	138	5.0	10.23	215.8	
04/14/2010	09:43:17	56	2.6	9.68	224.7	
04/14/2010	09:48:17	60	2.6	9.68	237.5	
04/14/2010	09:51:36					Pump 10 bbl H2O
04/14/2010	09:51:36	65	0.8	25.00	245.1	
04/14/2010	09:51:46					End Zonelock System
04/14/2010	09:51:46	75	3.3	8.27	245.4	
04/14/2010	09:53:17	78	3.7	8.33	251.0	
04/14/2010	09:53:30					Reset Total, Vol = 90.01 bbl
04/14/2010	09:53:30	80	3.6	8.35	251.8	
04/14/2010	09:53:35					End Spacer
04/14/2010	09:53:35	76	3.7	8.29	252.1	
04/14/2010	09:53:37					Start Pumping Spacer
04/14/2010	09:53:37	73	3.7	8.31	252.2	
04/14/2010	09:53:39					Pump 45 bbl Mudpush @9ppg
04/14/2010	09:53:39	74	3.7	8.34	252.4	
04/14/2010	09:53:40					Remark
04/14/2010	09:53:40	74	3.7	8.34	252.4	
04/14/2010	09:58:17	29	1.0	9.09	264.3	
04/14/2010	10:03:17	19	0.3	8.96	272.2	
04/14/2010	10:08:17	68	2.9	9.50	284.9	
04/14/2010	10:11:19					Reset Total, Vol = 41.93 bbl
04/14/2010	10:11:19	85	2.9	9.68	293.7	
04/14/2010	10:11:24					End Spacer
04/14/2010	10:11:24	86	2.9	9.74	294.0	
04/14/2010	10:11:26					Start Cement Slurry
04/14/2010	10:11:26	82	3.0	9.84	294.1	
04/14/2010	10:11:29					Start Mixing Tail Slurry

Well		Field		Job Start	Customer		Job Number
SGU 8506D-25 F25 496 SGU 8506D-25 F25 496		N Piceance		Apr/14/2010	Encana Oil & Gas		348819
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
04/14/2010	10:13:17	126	3.4	9.25	299.5		
04/14/2010	10:18:17	269	6.5	9.15	319.0		
04/14/2010	10:23:17	121	5.4	9.03	351.1		
04/14/2010	10:28:17	144	5.2	9.01	381.4		
04/14/2010	10:33:17	238	4.6	9.06	406.0		
04/14/2010	10:38:17	95	5.2	9.14	429.2		
04/14/2010	10:43:17	191	4.9	9.30	454.5		
04/14/2010	10:48:17	130	3.7	9.14	476.6		
04/14/2010	10:53:17	53	2.8	9.40	498.2		
04/14/2010	10:56:15					Pump 558 bbl 9.0 LiteCrete	
04/14/2010	10:56:15	82	3.0	9.27	506.8		
04/14/2010	10:56:16					Took Wet Dry Samples	
04/14/2010	10:56:16	49	3.0	9.27	506.9		
04/14/2010	10:56:17					Mudscale Balance Thru out Slurry	
04/14/2010	10:56:17	49	3.0	9.27	506.9		
04/14/2010	10:58:17	53	3.0	9.23	512.9		
04/14/2010	11:00:25					Every 50 bbls +/- .10 ppg	
04/14/2010	11:00:25	68	3.6	9.22	520.0		
04/14/2010	11:03:17	249	6.4	9.17	538.2		
04/14/2010	11:08:17	72	2.8	9.16	547.6		
04/14/2010	11:10:03					Lost returns for 20 bbls	
04/14/2010	11:10:03	179	5.1	9.14	556.1		
04/14/2010	11:10:24					Had to Slow down to fix rig hose	
04/14/2010	11:10:24	188	5.1	9.14	557.8		
04/14/2010	11:13:17	177	5.1	9.14	572.4		
04/14/2010	11:18:17	166	5.1	9.16	597.8		
04/14/2010	11:23:17	169	5.1	9.11	623.5		
04/14/2010	11:28:17	163	4.9	9.26	648.9		
04/14/2010	11:33:17	170	5.0	9.22	674.3		
04/14/2010	11:38:17	187	4.8	9.19	698.8		
04/14/2010	11:43:17	264	6.5	9.15	727.1		
04/14/2010	11:48:17	382	8.0	9.12	764.6		
04/14/2010	11:53:17	372	8.0	9.04	803.5		
04/14/2010	11:58:17	399	8.0	9.13	839.1		
04/14/2010	11:58:48					End Tail Slurry	
04/14/2010	11:58:48	417	8.0	9.14	843.2		
04/14/2010	11:58:50					End Cement Slurry	
04/14/2010	11:58:50	416	8.0	9.14	843.4		
04/14/2010	11:58:54					Drop Top Plug	
04/14/2010	11:58:54	416	7.9	9.14	844.0		
04/14/2010	11:58:55					Start Displacement	
04/14/2010	11:58:55	421	7.9	9.14	844.1		
04/14/2010	11:59:04					Drop plug on Fly	
04/14/2010	11:59:04					Good Returns Thru Out	
04/14/2010	11:59:04	413	8.0	9.14	845.3		
04/14/2010	11:59:05					Pump 5 bbl Mudpush	
04/14/2010	11:59:05	411	8.0	9.14	845.4		
04/14/2010	12:00:35					Pump 225 bbl H2O	
04/14/2010	12:00:35	98	4.9	9.16	857.1		
04/14/2010	12:03:17	150	4.0	8.37	869.8		
04/14/2010	12:05:06					220 bbl Cement back to surface	
04/14/2010	12:05:06	197	5.1	8.42	879.0		
04/14/2010	12:08:17	112	5.2	10.86	897.1		
04/14/2010	12:13:17	304	6.6	7.58	922.8		

Well		Field		Job Start		Customer		Job Number	
SGU 8506D-25 F25 496 SGU 8506D-25 F25 496		N Piceance		Apr/14/2010		Encana Oil & Gas		348819	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
04/14/2010	12:23:17	330	6.5	8.38	986.2				
04/14/2010	12:24:26					200+/- Mud to Surface			
04/14/2010	12:24:26	419	5.6	8.38	993.3				
04/14/2010	12:24:44					125 +/- H2O to Surface			
04/14/2010	12:24:44	289	5.2	8.38	994.9				
04/14/2010	12:28:17	199	5.5	8.38	1014.0				
04/14/2010	12:33:17	335	6.5	8.39	1043.7				
04/14/2010	12:38:17	628	6.1	8.39	1074.9				
04/14/2010	12:43:17	255	3.7	8.39	1103.6				
04/14/2010	12:48:17	203	1.4	8.39	1115.0				
04/14/2010	12:51:16					Bump Top Plug			
04/14/2010	12:51:16	866	0.0	8.39	1117.8				
04/14/2010	12:51:17					End Displacement			
04/14/2010	12:51:17	864	0.0	8.39	1117.8				
04/14/2010	12:51:18					Float Held - 1 bbl back			
04/14/2010	12:51:18	863	0.0	8.39	1117.8				
04/14/2010	12:53:17	5	0.0	8.39	1117.8				
04/14/2010	12:54:57					Wash out Parasite Line			
04/14/2010	12:54:57	3	0.0	8.39	1117.8				

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
5.0			8.0	558.0	160.0	90.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
3500	1100	300	875		FreshWater	764.0 bbl	8.34 lb/gal
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume	220.0 bbl
	558.0 bbl	230.0 bbl	60 degF	Washed Thru Perfs	<input type="checkbox"/>	To	
Customer or Authorized Representative		Schlumberger Supervisor			Circulation Lost	<input checked="" type="checkbox"/>	Job Completed
Norm McCreary		B. Farnham			-	<input checked="" type="checkbox"/>	-