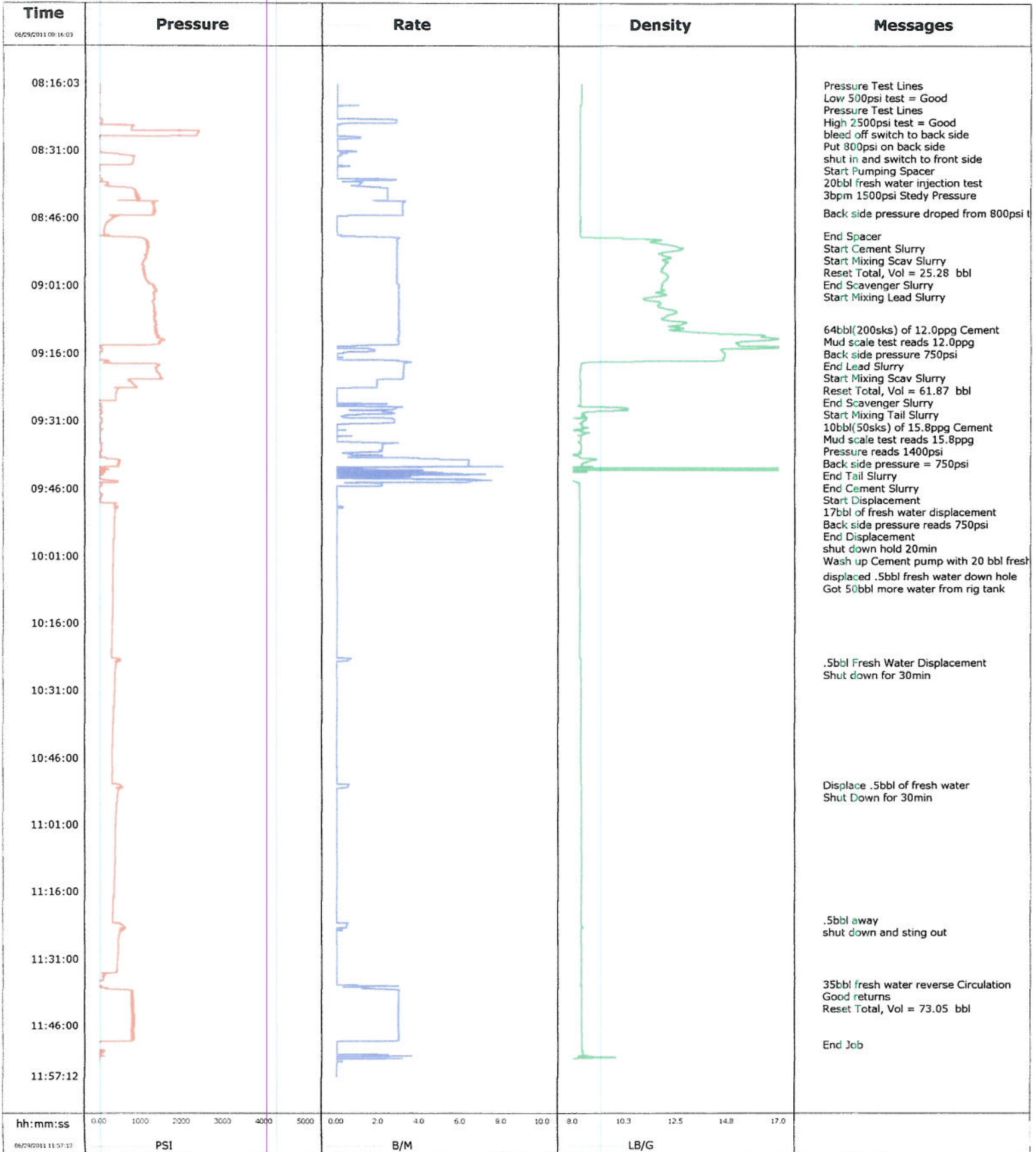


<b>Well</b>	FEDERAL 25-8BB( PH	<b>Client</b>	ENCANA OIL GAS
<b>Field</b>	MAMM CREEK	<b>SIR No.</b>	000597169
<b>Engineer</b>	Dustin C Krueger	<b>Job Type</b>	SQUEEZE
<b>Country</b>	United States	<b>Job Date</b>	06-29-2011



# Cementing Service Report

Customer ENCANA OIL & GAS				Job Number 000597169			
Well FEDERAL 25-8BB( PH FEDERAL 25-8BB( PH			Location (legal)		Schlumberger Location GRAND JUNCTION		Job Start Jun/29/2011
Field MAMM CREEK		Formation Name/Type		Deviation deg	Bit Size in	Well MD ft	Well TVD 0.0 ft
County GARFIELD		State/Province Colorado		BHP psi	BHST degF	BHCT degF	Pore Press. Gradient lb/gal
Well Master		API/UWI					
Rig Name Work Over		Drilled For Gas	Service Via Land	Casing/Liner			
				Depth, ft	Size, in	Weight, lb/ft	Grade
Offshore Zone		Well Class Old	Well Type Development				
Drilling Fluid Type		Max. Density lb/gal	Plastic Viscosity 58.000 cP	Tubing/Drill Pipe			
				T/D	Depth, ft	Size, in	Weight, lb/ft
Service Line Cementing		Job Type SQUEEZE					
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi	WN Connection Single Cement head	Perforations/Open Hole			
				Top, ft	Bottom, ft	shot/ft	No. of Shots
				ft	ft		Total Interval ft
				ft	ft		Diameter in
				ft	ft		
Service Instructions Provide equipment and services to preform squeeze operations using: 20bbl fresh water injection test a 3bpm 1500psi 64bbl(200sks) of 12.0ppg Cement 10bbl (50sks) of 15.8ppg Cement 17bbl fresh water displacment Hesatation Squeeze Sting out pull up Reverse 34bbl fresh water break off turn over to rig				Treat Down Casing	Displacement bbl	Packer Type	Packer Depth ft
				Tubing Vol. 0.0 bbl	Casing Vol. 0.0 bbl	Annular Vol. 0.0 bbl	Openhole Vol. 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 0 psi				Shoe Type	Other	Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth	ft	Tool Type	
No. Centralizers		Top Plugs 0	Bottom Plugs	Stage Tool Type		Tool Depth ft	
Cement Head Type Single				Stage Tool Depth	ft	Tail Pipe Size in	
Job Scheduled For Jun/29/2011 06:00		Arrived on Location Jun/29/2011 06:00	Leave Location Jun/29/2011 13:00	Collar Type	None	Tail Pipe Depth ft	
				Collar Depth	ft	Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
06/29/2011	08:16:03	1	0.4	8.37	15.6	Started Acquisition	
06/29/2011	08:16:35	1	0.4	8.37	15.6	Pressure Test Lines	
06/29/2011	08:16:38	1	0.4	8.37	15.6	Low 500psi test = Good	
06/29/2011	08:16:41	1	0.4	8.37	15.6	Pressure Test Lines	
06/29/2011	08:16:43	0	0.4	8.37	15.6	High 2500psi test = Good	
06/29/2011	08:16:51	1	0.3	8.37	15.6	bleed off switch to back side	
06/29/2011	08:16:52	1	0.3	8.37	15.6	shut in and switch to front side	
06/29/2011	08:16:56	1	0.3	8.37	15.6	Start Pumping Spacer	
06/29/2011	08:16:59	1	0.3	8.37	15.6	20bbl fresh water injection test	
06/29/2011	08:18:33	-2	0.4	8.37	0.0		
06/29/2011	08:21:03	-3	0.4	8.33	0.1		
06/29/2011	08:23:33	-3	0.3	8.33	0.1		
06/29/2011	08:26:03	770	0.3	8.33	2.8		
06/29/2011	08:28:33	-9	0.3	8.33	3.4		
06/29/2011	08:31:03	17	0.3	8.33	3.5		
06/29/2011	08:33:33	809	0.3	8.33	3.7		
06/29/2011	08:36:03	-0	0.2	8.33	0.0		
06/29/2011	08:38:33	137	0.2	8.33	2.1		
06/29/2011	08:41:03	885	0.2	8.33	7.7		
06/29/2011	08:43:33	1329	6.1	8.33	15.0		
06/29/2011	08:44:54	1303	6.3	8.33	19.3	Back side pressure dropped from 800psi to 750psi	

Well FEDERAL 25-8BB( PH FEDERAL 25-8BB( PH			Field MAMM CREEK	Job Start Jun/29/2011	Customer ENCANA OIL & GAS	Job Number 000597169
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
06/29/2011	08:48:33		121	6.3	8.33	20.3
06/29/2011	08:50:00		682	6.7	8.36	20.6
06/29/2011	08:50:02		877	6.8	8.59	20.7
06/29/2011	08:50:03		877	6.8	8.59	20.7
06/29/2011	08:50:16		1066	6.8	10.86	21.4
06/29/2011	08:51:00		1128	6.9	11.38	23.5
06/29/2011	08:51:01		1128	7.0	11.38	23.6
06/29/2011	08:51:03		1139	7.0	11.39	23.7
06/29/2011	08:53:33		1153	7.1	11.73	31.0
06/29/2011	08:56:03		1032	7.0	12.03	38.3
06/29/2011	08:58:33		1095	6.9	12.14	45.6
06/29/2011	09:01:03		1339	7.0	11.87	53.0
06/29/2011	09:03:33		1340	6.8	11.09	60.5
06/29/2011	09:06:03		1344	6.9	12.26	68.1
06/29/2011	09:08:33		1354	6.6	12.30	75.6
06/29/2011	09:10:52		1373	6.1	12.79	82.6
06/29/2011	09:10:59		1368	6.6	13.08	82.9
06/29/2011	09:11:00		1368	6.6	13.08	83.0
06/29/2011	09:11:03		1391	6.9	13.20	83.1
06/29/2011	09:11:05		1375	7.0	13.32	83.2
06/29/2011	09:13:33		1464	6.1	15.14	90.6
06/29/2011	09:13:44		1440	5.7	15.19	91.1
06/29/2011	09:15:45		0	0.0	14.62	93.6
06/29/2011	09:15:47		0	0.0	14.62	93.6
06/29/2011	09:15:48		-3	0.0	14.62	93.6
06/29/2011	09:15:49		-3	0.0	14.62	93.6
06/29/2011	09:15:50		-3	0.0	14.62	93.6
06/29/2011	09:15:54		-4	0.0	14.62	93.6
06/29/2011	09:15:55		-4	0.0	14.62	93.6
06/29/2011	09:15:58		-4	0.0	14.62	93.6
06/29/2011	09:16:03		-4	0.0	14.62	93.6
06/29/2011	09:16:04		-3	0.0	14.62	93.6
06/29/2011	09:18:33		1441	0.0	8.34	97.6
06/29/2011	09:21:03		1487	0.0	8.33	105.7
06/29/2011	09:23:33		546	0.2	8.33	111.3
06/29/2011	09:23:35		422	0.2	8.33	111.3
06/29/2011	09:23:40		457	0.2	8.33	111.3
06/29/2011	09:26:03		412	0.0	8.33	111.3
06/29/2011	09:28:33		40	0.0	10.15	114.2
06/29/2011	09:31:03		54	0.0	8.42	119.1
06/29/2011	09:33:33		13	5.9	8.61	120.0
06/29/2011	09:36:03		58	0.0	8.35	121.3
06/29/2011	09:38:33		58	0.0	8.13	125.8
06/29/2011	09:41:03		20	0.0	4.36	138.9
06/29/2011	09:43:33		9	0.0	3.88	143.6
06/29/2011	09:46:03		7	0.0	8.33	150.5
06/29/2011	09:48:33		13	1.7	8.33	150.5
06/29/2011	09:51:03		379	1.0	8.33	150.6
06/29/2011	09:53:33		364	0.8	8.33	150.6
06/29/2011	09:56:03		359	0.7	8.33	150.6
06/29/2011	09:58:33		352	0.6	8.33	150.6
06/29/2011	10:01:03		348	0.5	8.33	150.6
06/29/2011	10:03:33		343	0.4	8.33	150.6
06/29/2011	10:05:49		337	0.4	8.33	150.6
06/29/2011						displaced .5bbl fresh water down hole

<b>Well</b> FEDERAL 25-8BB( PH FEDERAL 25-8BB( PH	<b>Field</b> MAMM CREEK	<b>Job Start</b> Jun/29/2011	<b>Customer</b> ENCANA OIL & GAS	<b>Job Number</b> 000597169
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### Post Job Summary

<b>Average Pump Rates, bbl/ min</b>					<b>Volume of Fluid Injected, bbl</b>			
<b>Slurry</b> 2.6	<b>N2</b>	<b>Mud</b> 4.6	<b>Maximum Rate</b> 5.5	<b>Total Slurry</b> 74.0	<b>Mud</b> 0.0	<b>Spacer</b> 20.0	<b>N2</b>	
<b>Treating Pressure Summary, psi</b>					<b>Breakdown Fluid</b>			
<b>Maximum</b> 2998	<b>Final</b> -4	<b>Average</b> 508	<b>Bump Plug to</b> 0	<b>Breakdown</b> 194	<b>Type</b> FreshWater	<b>Volume</b> 135.0 bbl	<b>Density</b> 8.34 lb/gal	
<b>Avg. N2 Percent</b> %	<b>Designed Slurry Volume</b> 74.0 bbl	<b>Displacement</b> 17.0 bbl	<b>Mix Water Temp</b> 85 degF	<b>Cement Circulated to Surface?</b> <input checked="" type="checkbox"/>	<b>Volume</b> bbl			
				<b>Washed Thru Perfs</b> <input type="checkbox"/>	<b>To</b> ft			
<b>Customer or Authorized Representative</b> Randy Williams			<b>Schlumberger Supervisor</b> Dustin C Krueger		<b>Circulation Lost</b> <input type="checkbox"/>	<b>Job Completed</b> <input checked="" type="checkbox"/>		
					-	-		