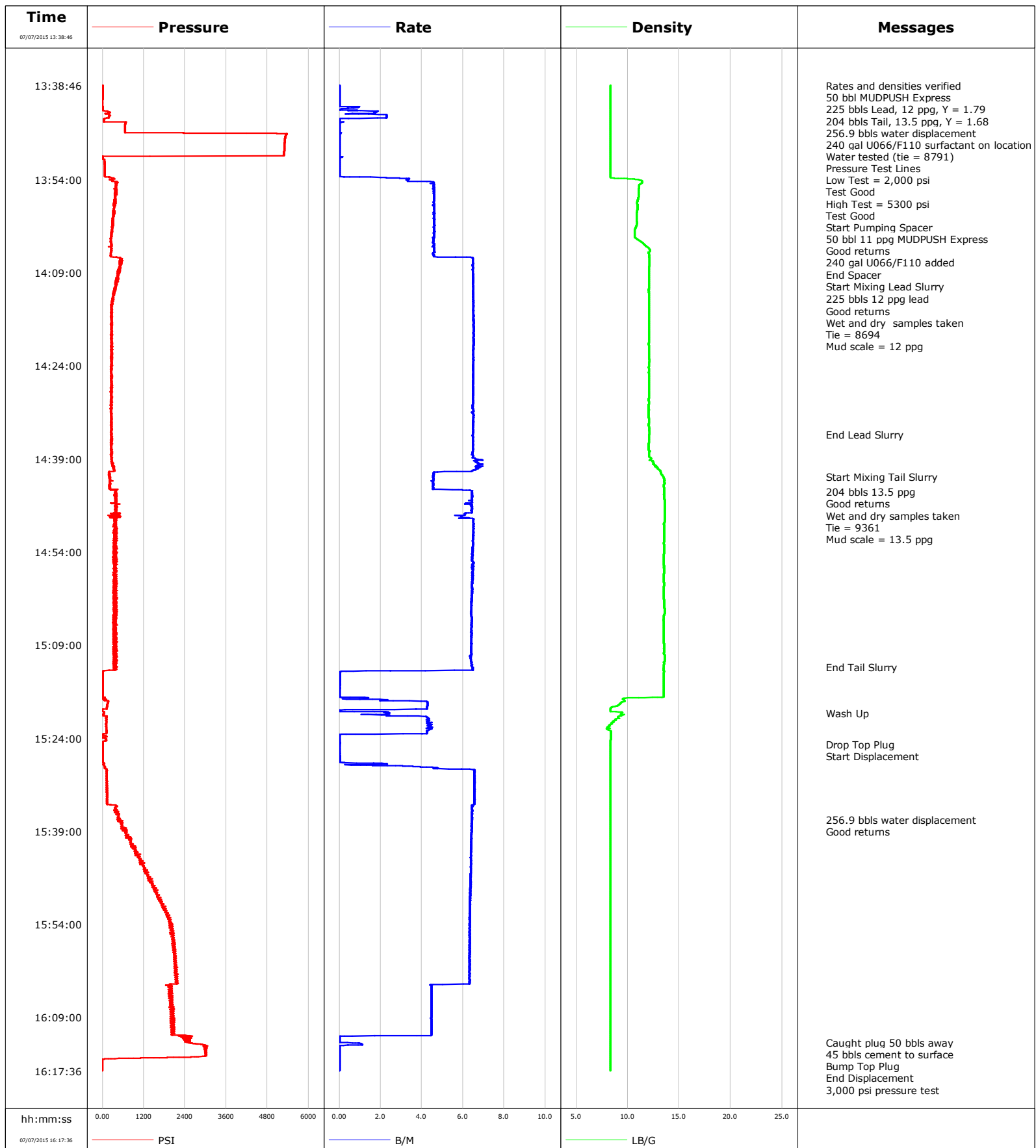


Well Wind 11
Field Wattenberg
Engineer Langley/Moreland
Country United States

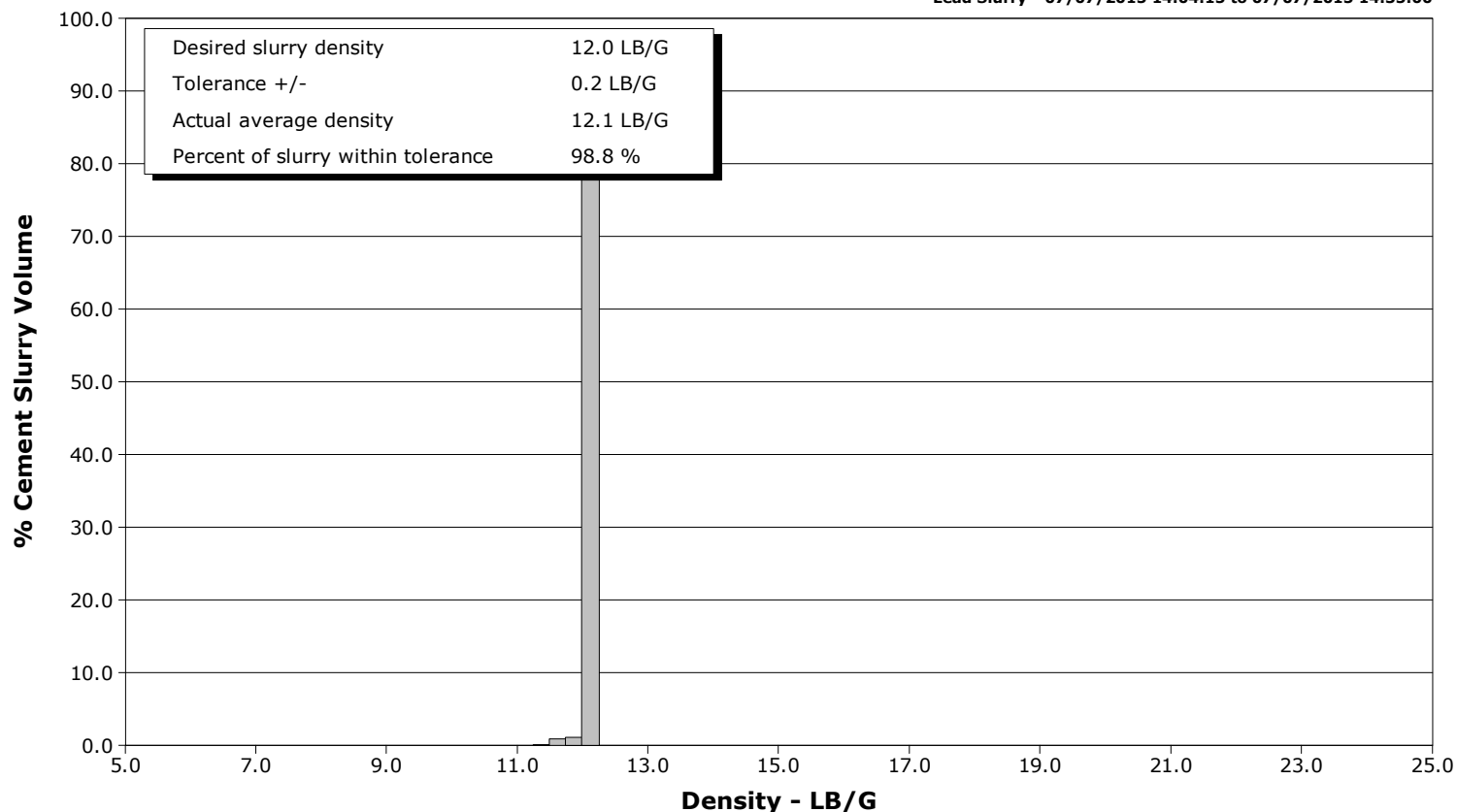
Client Extraction Oil Gas
SIR No. D5VO-00676
Job Type 5.5" Production Monobore
Job Date 07-07-2015



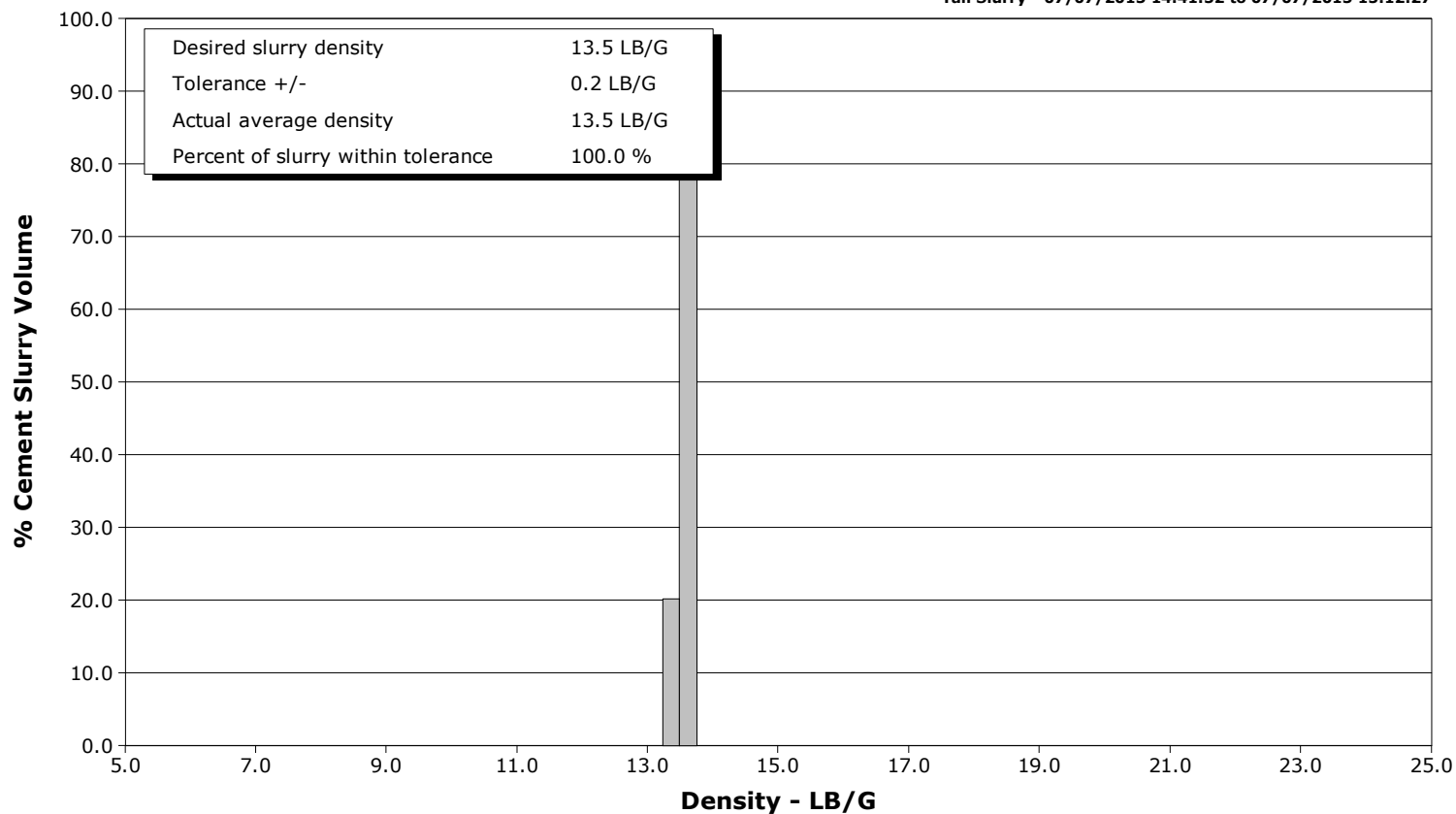
Well Wind 11
Field Wattenberg
Engineer Langley/Moreland
Country United States

Client Extraction Oil Gas
SIR No. D5VO-00676
Job Type 5.5" Production Monobore
Job Date 07-07-2015

Lead Slurry - 07/07/2015 14:04:15 to 07/07/2015 14:35:00



Tail Slurry - 07/07/2015 14:41:52 to 07/07/2015 15:12:27



Cementing Service Report

				Customer Extraction Oil & Gas			Job Number D5VO-00676			
Well Wind 11 11			Location (legal) Savanna 802			Schlumberger Location Cheyenne			Job Start Jul/07/2015	
Field Wattenberg		Formation Name/Type Shale		Deviation deg		Bit Size 7.9 in		Well MD 11586.0 ft		Well TVD 6800.0 ft
County Weld		State/Province Colorado		BHP psi		BHST 202 degF		BHCT 200 degF		Pore Press. Gradient lb/gal
Well Master 06311619599		API/UWI 05123410150000								
Rig Name Savanna 802	Drilled For Oil		Service Via Land		Casing/Liner					
						Depth, ft		Size, in		Weight, lb/ft
										Grade
										Thread
Offshore Zone	Well Class New		Well Type Development		11586.0		5.5		20.0	
					1514.0		9.6		36.0	
Drilling Fluid Type OBM		Max. Density 9.50 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe				
						T/D		Depth, ft		Size, in
										Weight, lb/ft
										Grade
										Thread
Service Line Cementing	Job Type 5.5" Production Monobore									
Max. Allowed Tub. Press psi	Max. Allowed Ann. Press psi		WH Connection Single		Perforations/Open Hole					
						Top, ft		Bottom, ft		shot/ft
										No. of Shots
										Total Interval
						ft		ft		ft
						ft		ft		Diameter
						ft		ft		in
						Treat Down		Displacement 256.9 bbl		Packer Type
										Packer Depth
										ft
						Tubing Vol. bbl		Casing Vol. 257.0 bbl		Annular Vol. 72.5 bbl
										Openhole Vol. 356.4 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 9600 psi						Shoe Type Float		Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 11586.0 ft		Tool Type		
No. Centralizers		Top Plugs 1		Bottom Plugs		Stage Tool Type		Tool Depth ft		
Cement Head Type Single						Stage Tool Depth ft		Tail Pipe Size in		
Job Scheduled For Jul/07/2015 14:00		Arrived on Location Jul/07/2015 09:00		Leave Location Jul/07/2015 18:00		Collar Type Float		Tail Pipe Depth ft		
						Collar Depth 11582.0 ft		Sqz. Total Vol. bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
07/07/2015	13:38:46	2	0.0	8.32	0.0	Started Acquisition				
07/07/2015	13:38:47	2	0.0	8.32	0.0	240 gal U066/F110 surfactant on location				
07/07/2015	13:38:51	3	0.0	8.32	0.0	Pressure Test Lines				
07/07/2015	13:38:52	2	0.0	8.32	0.0	Low Test = 2,000 psi				
07/07/2015	13:38:53	3	0.0	8.32	0.0	High Test = 5300 psi				
07/07/2015	13:40:46	3	0.0	8.32	0.0					
07/07/2015	13:42:46	11	0.0	8.32	0.2					
07/07/2015	13:44:46	672	0.0	8.32	2.7					
07/07/2015	13:46:46	5338	0.0	8.32	2.7					
07/07/2015	13:48:46	5288	0.0	8.32	2.7					
07/07/2015	13:50:46	56	0.0	8.32	2.7					
07/07/2015	13:52:46	68	0.0	8.32	2.7					
07/07/2015	13:53:00	65	0.0	8.32	2.7	Start Pumping Spacer				
07/07/2015	13:54:46	382	4.6	11.16	7.1					
07/07/2015	13:55:18	376	4.6	11.09	9.5	50 bbl 11 ppg MUDPUSH Express				
07/07/2015	13:55:19	376	4.6	11.10	9.6	Good returns				
07/07/2015	13:56:46	360	4.6	11.05	16.3					
07/07/2015	13:58:46	317	4.6	10.94	25.4					
07/07/2015	14:00:46	300	4.6	10.88	34.6					
07/07/2015	14:02:46	255	4.6	10.66	43.8					
07/07/2015	14:04:13	248	4.6	11.49	50.4	End Spacer				

Well			Field	Job Start		Customer		Job Number	
Wind 11 11			Wattenberg		Jul/07/2015		Extraction Oil & Gas		D5VO-00676
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
07/07/2015	14:04:46	259	4.6	11.82	53.0				
07/07/2015	14:06:46	511	6.5	12.09	62.7				
07/07/2015	14:08:46	449	6.5	12.07	75.6				
07/07/2015	14:10:46	391	6.5	12.06	88.6				
07/07/2015	14:12:46	318	6.5	12.04	101.6				
07/07/2015	14:13:10	301	6.5	12.04	104.2	225 bbls 12 ppg lead			
07/07/2015	14:14:46	259	6.5	12.06	114.6				
07/07/2015	14:16:46	265	6.5	12.07	127.6				
07/07/2015	14:17:41	262	6.5	12.07	133.5	Mud scale = 12 ppg			
07/07/2015	14:18:46	271	6.5	12.04	140.6				
07/07/2015	14:20:46	280	6.5	12.04	153.6				
07/07/2015	14:22:46	275	6.5	12.08	166.6				
07/07/2015	14:24:46	252	6.5	12.05	179.6				
07/07/2015	14:26:46	257	6.5	12.06	192.6				
07/07/2015	14:28:46	243	6.5	12.05	205.5				
07/07/2015	14:30:46	264	6.5	12.02	218.5				
07/07/2015	14:32:46	264	6.5	12.06	231.5				
07/07/2015	14:34:46	239	6.5	12.10	244.4				
07/07/2015	14:35:00	247	6.5	12.09	245.9	End Lead Slurry			
07/07/2015	14:36:46	252	6.5	12.01	257.4				
07/07/2015	14:38:46	277	6.5	12.18	270.3				
07/07/2015	14:40:46	348	6.6	13.06	283.7				
07/07/2015	14:41:52	199	4.6	13.44	289.3	Start Mixing Tail Slurry			
07/07/2015	14:42:46	210	4.5	13.56	293.4				
07/07/2015	14:44:16	378	6.4	13.55	300.8	204 bbls 13.5 ppg			
07/07/2015	14:44:17	383	6.4	13.55	300.9	Good returns			
07/07/2015	14:44:46	364	6.4	13.52	304.0				
07/07/2015	14:46:46	363	6.4	13.58	316.8				
07/07/2015	14:48:46	380	6.5	13.58	329.3				
07/07/2015	14:50:46	353	6.5	13.53	342.3				
07/07/2015	14:52:46	366	6.5	13.52	355.3				
07/07/2015	14:54:46	358	6.4	13.50	368.2				
07/07/2015	14:56:46	355	6.4	13.52	381.1				
07/07/2015	14:58:46	419	6.4	13.51	394.0				
07/07/2015	15:00:46	348	6.4	13.47	406.9				
07/07/2015	15:02:46	373	6.4	13.56	419.7				
07/07/2015	15:04:46	369	6.4	13.48	432.5				
07/07/2015	15:06:46	325	6.4	13.49	445.4				
07/07/2015	15:08:46	416	6.4	13.52	458.2				
07/07/2015	15:10:46	380	6.4	13.60	471.0				
07/07/2015	15:12:27	385	6.4	13.47	481.7	End Tail Slurry			
07/07/2015	15:12:46	350	6.5	13.47	483.8				
07/07/2015	15:14:46	11	0.0	13.50	486.2				
07/07/2015	15:16:46	3	0.0	13.49	486.3				
07/07/2015	15:18:46	132	4.3	9.00	490.4				
07/07/2015	15:20:00	36	2.4	9.40	493.7	Wash Up			
07/07/2015	15:20:46	98	4.3	9.11	496.1				
07/07/2015	15:22:46	114	4.2	8.33	504.8				
07/07/2015	15:24:46	2	0.0	8.34	507.2				
07/07/2015	15:25:00	3	0.0	8.34	507.2	Drop Top Plug			
07/07/2015	15:26:46	4	0.0	8.33	507.2				
07/07/2015	15:28:46	67	4.8	8.31	509.2				
07/07/2015	15:30:46	120	6.6	8.31	521.9				
07/07/2015	15:32:46	135	6.5	8.31	535.0				

Well			Field	Job Start	Customer	Job Number
Wind 11 11			Wattenberg	Jul/07/2015	Extraction Oil & Gas	D5VO-00676
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
07/07/2015	15:36:46	439	6.4	8.32	561.0	
07/07/2015	15:37:07	437	6.4	8.32	563.3	256.9 bbls water displacement
07/07/2015	15:38:46	682	6.4	8.32	573.8	
07/07/2015	15:40:46	817	6.4	8.32	586.7	
07/07/2015	15:42:46	1019	6.4	8.32	599.4	
07/07/2015	15:44:46	1201	6.4	8.32	612.2	
07/07/2015	15:46:46	1391	6.3	8.32	624.9	
07/07/2015	15:48:46	1529	6.3	8.32	637.6	
07/07/2015	15:50:46	1778	6.3	8.32	650.3	
07/07/2015	15:52:46	1875	6.3	8.32	663.0	
07/07/2015	15:54:46	2016	6.3	8.32	675.6	
07/07/2015	15:56:46	2053	6.3	8.32	688.3	
07/07/2015	15:58:46	2114	6.3	8.32	700.9	
07/07/2015	16:00:46	2092	6.3	8.32	713.6	
07/07/2015	16:02:46	2168	6.3	8.32	726.2	
07/07/2015	16:04:46	2030	4.5	8.32	736.8	
07/07/2015	16:06:46	1989	4.5	8.32	745.7	
07/07/2015	16:08:46	2068	4.5	8.31	754.7	
07/07/2015	16:10:46	2049	4.5	8.32	763.6	
07/07/2015	16:12:46	2507	0.0	8.32	769.0	
07/07/2015	16:13:04	2525	0.4	8.32	769.0	Caught plug 50 bbls away
07/07/2015	16:13:15	2721	1.0	8.32	769.1	Bump Top Plug
07/07/2015	16:13:16	2786	1.0	8.32	769.1	End Displacement
07/07/2015	16:14:08	3033	0.0	8.32	769.4	3,000 psi pressure test
07/07/2015	16:14:46	3031	0.0	8.32	769.4	
07/07/2015	16:16:01	-7	0.0	8.32	769.4	Bumped at calculated (256.9)
07/07/2015	16:16:02	-3	0.0	8.32	769.4	End Job
07/07/2015	16:16:40	-4	0.0	8.32	769.4	Rig Down

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl							
Slurry 5.0	N2	Mud	Maximum Rate 7.0		Total Slurry 769.4	Mud 0.0	Spacer 42.1	N2				
Treating Pressure Summary, psi					Breakdown Fluid							
Maximum 5365	Final -5	Average 757	Bump Plug to 2500	Breakdown	Type	Volume bbl	Density lb/gal					
Avg. N2 Percent %	Designed Slurry Volume 0.0 bbl	Displacement 229.1 bbl	Mix Water Temp 70 degF	Cement Circulated to Surface?		Volume bbl						
				Washed Thru Perfs		To ft						
Customer or Authorized Representative			Schlumberger Supervisor Langley/Moreland			Circulation Lost	Job Completed					
						-	-					



Service Order #:	
Date:	Jul/07/2015
Operating Time (hh:mm):	00:00
Client Rep:	
Schlumberger Engineer:	Langley/Moreland
Schlumberger FSM:	Dan Joelson

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 checked="" type="checkbox"/>	no <input type="checkbox"/>	10
Sub-total					100%

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

Client:	Schlumberger:
Client Signature:	Schlumberger Signature: