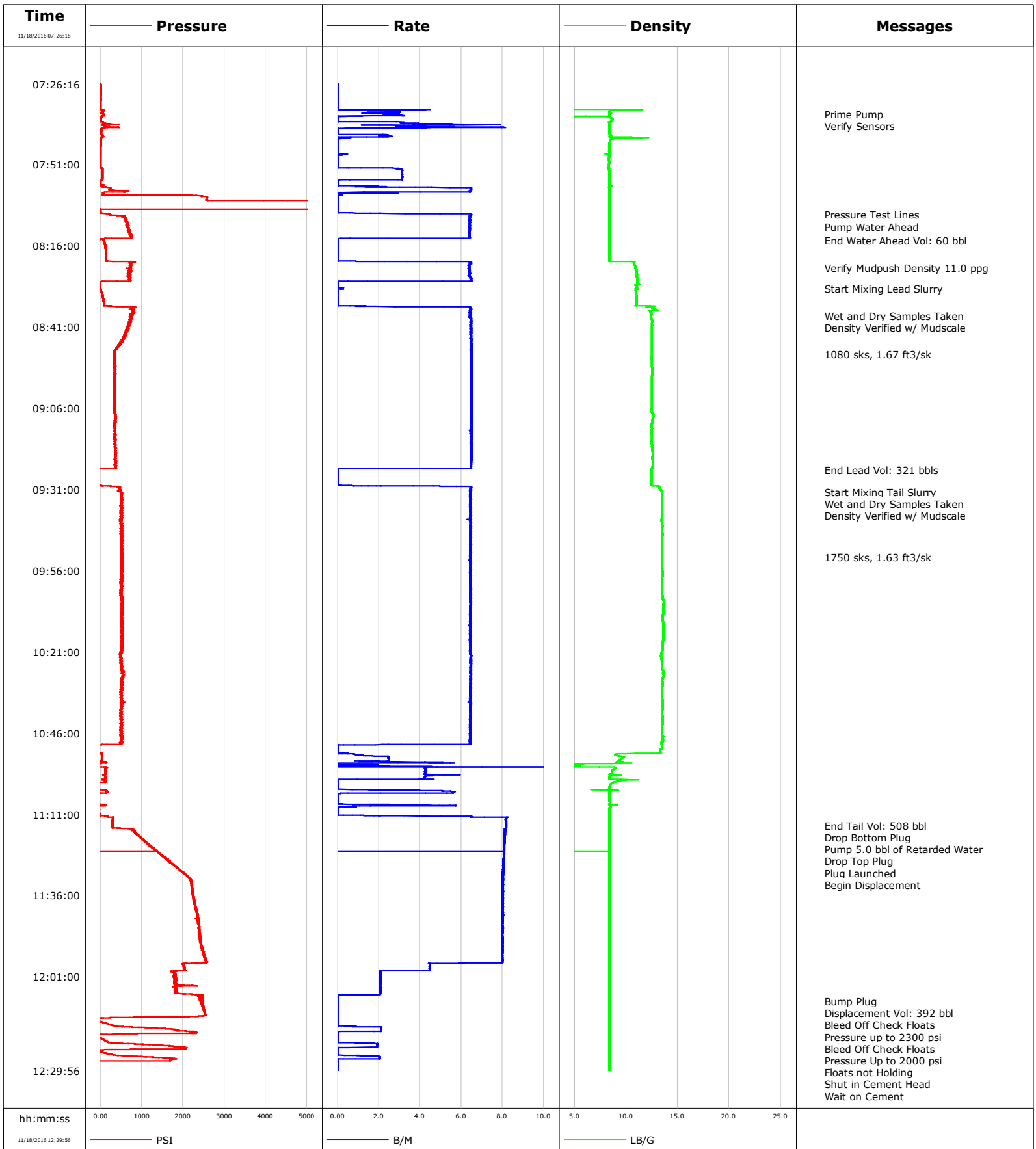


Well	Thornton G-29-30HN	Client	BAYSWATER EXPLORATION PRODUC
Field	Wattenberg	SIR No.	DMBW-00472
Engineer	Billy Barg	Job Type	Production
Country	United States	Job Date	11-18-2016



				Customer			Job Number			
				BAYSWATER EXPLORATION & PRODUC			DMBW-00472			
Well		Location (legal)			Schlumberger Location			Job Start		
Thornton G-29-30HN					Cheyenne, WY			Nov/08/2016		
Field		Formation Name/Type			Deviation	Bit Size		Well MD	Well TVD	
Wattenberg					deg	8.5 in		17611.0 ft	7299.0 ft	
County		State/Province			BHP	BHST	BHCT	Pore Press. Gradient		
Weld		Colorado			psi	220 degF	220 degF	lb/gal		
Well Master		API/UWI								
0631691937										
Rig Name	Drilled For		Service Via		Casing/Liner					
Extreme 18	Oil		Land		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class		Well Type		1500.0	9.6	36.0	J-55		
	New		Development		17606.0	5.5	20.0	P-110		
Drilling Fluid Type		Max. Density	Plastic Viscosity		Tubing/Drill Pipe					
WBM		10.50 lb/gal	cP		T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line	Job Type					0.0				
Cementing	Production					0.0				
Max. Allowed Tub. Press	Max. Allowed Ann. Press		WH Connection		Perforations/Open Hole					
psi	psi		5.5" Tenaris Blue		Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval	
Service Instructions 9 5/8" previous casing at 1,500 ft 8 1/2" hole, 15% Excess 5 1/2" casing at 17,611 ft (7,299 ft) 60 bbls Water ahead with 0.5 gal/bbl D122A mud thinning agent 40 bbls 11.0 ppg MUDPUSH Express Ahead Top of 12.5 ppg Lead: 730' Top of 13.5 ppg Tail: 5100'					ft	ft			ft	
					ft	ft			Diameter	
					ft	ft			in	
		Treat Down	Displacement		Packer Type		Packer Depth			
		Casing	390.1 bbl				ft			
		Tubing Vol.	Casing Vol.		Annular Vol.		Openhole Vol.			
		bbl	391.8 bbl		729.0 bbl		bbl			
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement			Casing Tools			Squeeze Job		
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								
Lift Pressure		14820 psi			Shoe Type		Float	Squeeze Type		
Pipe Rotated		<input type="checkbox"/>	Pipe Reciprocated		<input type="checkbox"/>	Shoe Depth		17606.0 ft	Tool Type	
No. Centralizers		Top Plugs	1	Bottom Plugs	1	Stage Tool Type		Tool Depth		
								ft		
Cement Head Type		Single			Stage Tool Depth		ft	Tail Pipe Size		
								in		
Job Scheduled For		Arrived on Location		Leave Location		Collar Type		Float	Tail Pipe Depth	
Nov/17/2016 23:00		Nov/17/2016 23:00		Nov/18/2016 14:30					ft	
						Collar Depth		17591.0 ft	Sqz. Total Vol.	
									bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
11/18/2016	07:26:16	0	0.0	0.02	0.0	Stopped Acquisition				
11/18/2016	07:27:56	-1	0.0	0.02	0.0					
11/18/2016	07:29:36	-0	0.0	0.02	0.0					
11/18/2016	07:31:16	-0	0.0	0.02	0.0					
11/18/2016	07:32:56	-0	0.0	0.02	0.0					
11/18/2016	07:34:36	55	2.2	8.37	0.0					
11/18/2016	07:35:37	55	2.4	8.38	0.0	Prime Pump				
11/18/2016	07:36:16	21	0.6	3.59	0.0					
11/18/2016	07:37:51	1	0.0	8.58	0.0	Verify Sensors				
11/18/2016	07:37:56	62	3.0	8.32	0.0					
11/18/2016	07:39:36	425	8.0	8.37	0.0					
11/18/2016	07:41:16	8	0.0	8.36	0.0					
11/18/2016	07:42:56	9	0.0	11.12	0.0					
11/18/2016	07:44:36	1	0.0	8.40	0.0					
11/18/2016	07:46:16	-1	0.0	8.37	0.0					
11/18/2016	07:47:56	-3	0.0	8.01	0.0					
11/18/2016	07:49:36	-5	0.0	8.35	0.0					
11/18/2016	07:51:16	-6	0.0	8.34	0.0					
11/18/2016	07:52:56	40	3.1	8.35	0.0					
11/18/2016	07:54:36	43	3.1	8.36	0.0					
11/18/2016	07:56:16	-6	0.0	8.35	0.0					

Well		Field		Job Start		Customer		Job Number	
Thornton G-29-30HN		Wattenberg		Nov/08/2016		BAYSWATER EXPLORATION & PRODUC		DMBW-00472	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
11/18/2016	07:59:36	103	1.3	8.35	10.6				
11/18/2016	08:01:16	2574	0.0	8.36	11.0				
11/18/2016	08:02:56	7038	0.0	8.36	11.0				
11/18/2016	08:04:36	6944	0.0	8.36	11.0				
11/18/2016	08:06:16	224	6.4	8.35	12.0				
11/18/2016	08:06:26	225	6.5	8.36	13.0	Pressure Test Lines			
11/18/2016	08:07:51	619	6.4	8.36	22.1	Pump Water Ahead			
11/18/2016	08:07:56	591	6.4	8.36	22.7				
11/18/2016	08:09:36	647	6.4	8.36	33.3				
11/18/2016	08:11:16	702	6.4	8.36	44.0				
11/18/2016	08:12:56	729	6.4	8.36	54.7				
11/18/2016	08:14:27	72	0.0	8.36	60.2	End Water Ahead Vol: 60 bbl			
11/18/2016	08:14:36	76	0.0	8.36	60.2				
11/18/2016	08:16:16	113	0.0	8.36	60.2				
11/18/2016	08:17:56	123	0.0	8.36	60.2				
11/18/2016	08:19:36	125	0.0	8.36	60.2				
11/18/2016	08:21:16	742	6.5	10.74	62.6				
11/18/2016	08:22:55	689	6.4	10.90	73.2	Verify Mudpush Density 11.0 ppg			
11/18/2016	08:22:56	689	6.4	10.91	73.3				
11/18/2016	08:24:36	668	6.4	11.03	83.9				
11/18/2016	08:26:16	696	6.5	11.07	94.6				
11/18/2016	08:27:56	-21	0.0	11.21	99.1				
11/18/2016	08:29:16	-9	0.2	11.12	99.2	Start Mixing Lead Slurry			
11/18/2016	08:29:36	-0	0.0	10.97	99.2				
11/18/2016	08:31:16	42	0.0	10.98	99.2				
11/18/2016	08:32:56	68	0.0	10.99	99.2				
11/18/2016	08:34:36	274	1.3	12.31	99.3				
11/18/2016	08:36:16	822	6.4	12.32	108.9				
11/18/2016	08:37:32	772	6.4	12.40	117.1	Wet and Dry Samples Taken			
11/18/2016	08:37:44	758	6.4	12.40	118.3	Density Verified w/ Mudscales			
11/18/2016	08:37:56	740	6.4	12.39	119.6				
11/18/2016	08:39:36	719	6.5	12.52	130.4				
11/18/2016	08:41:16	658	6.5	12.49	141.1				
11/18/2016	08:42:56	618	6.5	12.49	151.9				
11/18/2016	08:44:36	549	6.5	12.50	162.7				
11/18/2016	08:46:16	480	6.5	12.50	173.5				
11/18/2016	08:47:56	366	6.5	12.48	184.3				
11/18/2016	08:49:20	344	6.5	12.47	193.3	1080 sks, 1.67 ft3/sk			
11/18/2016	08:49:36	315	6.5	12.47	195.1				
11/18/2016	08:51:16	346	6.5	12.49	205.9				
11/18/2016	08:52:56	350	6.5	12.50	216.7				
11/18/2016	08:54:36	335	6.5	12.53	227.5				
11/18/2016	08:56:16	324	6.5	12.51	238.3				
11/18/2016	08:57:56	334	6.5	12.49	249.1				
11/18/2016	08:59:36	340	6.5	12.47	259.9				
11/18/2016	09:01:16	357	6.5	12.47	270.7				
11/18/2016	09:02:56	356	6.5	12.47	281.5				
11/18/2016	09:04:36	335	6.5	12.48	292.3				
11/18/2016	09:06:16	334	6.5	12.46	303.1				
11/18/2016	09:07:56	364	6.5	12.60	313.9				
11/18/2016	09:09:36	361	6.5	12.56	324.8				
11/18/2016	09:11:16	340	6.5	12.44	335.6				
11/18/2016	09:12:56	340	6.4	12.46	346.4				
11/18/2016	09:14:36	332	6.5	12.48	357.2				

Well		Field		Job Start		Customer		Job Number	
Thornton G-29-30HN		Wattenberg		Nov/08/2016		BAYSWATER EXPLORATION & PRODUC		DMBW-00472	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
11/18/2016	09:17:56	358	6.5	12.51	378.8				
11/18/2016	09:19:36	338	6.5	12.57	389.5				
11/18/2016	09:21:16	339	6.5	12.55	400.3				
11/18/2016	09:22:56	366	6.5	12.59	411.1				
11/18/2016	09:24:36	351	6.5	12.53	421.9				
11/18/2016	09:25:05	-33	0.0	12.45	422.5	End Lead Vol: 321 bbls			
11/18/2016	09:26:16	-31	0.0	12.45	422.5				
11/18/2016	09:27:56	-29	0.0	12.46	422.5				
11/18/2016	09:29:36	-29	0.0	12.45	422.5				
11/18/2016	09:31:16	479	6.5	13.36	430.3				
11/18/2016	09:31:51	498	6.5	13.45	434.1	Start Mixing Tail Slurry			
11/18/2016	09:31:58	492	6.4	13.46	434.8	Wet and Dry Samples Taken			
11/18/2016	09:32:08	485	6.4	13.48	435.9	Density Verified w/ Mudscales			
11/18/2016	09:32:56	516	6.4	13.51	441.1				
11/18/2016	09:34:36	507	6.4	13.48	451.8				
11/18/2016	09:36:16	492	6.4	13.49	462.5				
11/18/2016	09:37:56	500	6.4	13.48	473.3				
11/18/2016	09:39:36	509	6.4	13.49	484.0				
11/18/2016	09:41:16	505	6.4	13.45	494.7				
11/18/2016	09:42:56	518	6.5	13.50	505.5				
11/18/2016	09:44:36	524	6.4	13.52	516.2				
11/18/2016	09:46:16	507	6.4	13.51	527.0				
11/18/2016	09:47:56	511	6.4	13.49	537.7				
11/18/2016	09:49:36	525	6.4	13.50	548.4				
11/18/2016	09:51:16	532	6.5	13.50	559.1				
11/18/2016	09:52:02	499	6.4	13.49	564.1	1750 sks, 1.63 ft3/sk			
11/18/2016	09:52:56	528	6.4	13.50	569.9				
11/18/2016	09:54:36	502	6.4	13.51	580.6				
11/18/2016	09:56:16	507	6.4	13.52	591.3				
11/18/2016	09:57:56	531	6.4	13.52	602.1				
11/18/2016	09:59:36	502	6.4	13.46	612.8				
11/18/2016	10:01:16	511	6.4	13.49	623.5				
11/18/2016	10:02:56	480	6.5	13.45	634.3				
11/18/2016	10:04:36	487	6.5	13.55	645.0				
11/18/2016	10:06:16	528	6.5	13.61	655.8				
11/18/2016	10:07:56	531	6.4	13.58	666.5				
11/18/2016	10:09:36	509	6.4	13.57	677.2				
11/18/2016	10:11:16	498	6.4	13.55	687.9				
11/18/2016	10:12:56	490	6.4	13.57	698.7				
11/18/2016	10:14:36	534	6.4	13.57	709.4				
11/18/2016	10:16:16	528	6.4	13.58	720.1				
11/18/2016	10:17:56	525	6.4	13.56	730.8				
11/18/2016	10:19:36	532	6.4	13.54	741.6				
11/18/2016	10:21:16	503	6.4	13.42	752.3				
11/18/2016	10:22:56	496	6.5	13.40	763.0				
11/18/2016	10:24:36	487	6.4	13.43	773.8				
11/18/2016	10:26:16	492	6.5	13.47	784.6				
11/18/2016	10:27:56	538	6.4	13.60	795.3				
11/18/2016	10:29:36	528	6.4	13.50	806.0				
11/18/2016	10:31:16	509	6.4	13.53	816.8				
11/18/2016	10:32:56	501	6.4	13.49	827.5				
11/18/2016	10:34:36	503	6.4	13.49	838.3				
11/18/2016	10:36:16	516	6.4	13.54	849.0				
11/18/2016	10:37:56	507	6.4	13.54	859.7				

Well			Field		Job Start	Customer	Job Number
Thornton G-29-30HN			Wattenberg		Nov/08/2016	BAYSWATER EXPLORATION & PRODUC	DMBW-00472
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/18/2016	10:41:16	501	6.4	13.53	881.2		
11/18/2016	10:42:56	513	6.4	13.52	891.9		
11/18/2016	10:44:36	526	6.5	13.48	902.6		
11/18/2016	10:46:16	521	6.4	13.50	913.3		
11/18/2016	10:47:56	530	6.4	13.55	924.1		
11/18/2016	10:49:36	46	2.4	13.45	934.6		
11/18/2016	10:52:56	28	1.2	9.08	935.3		
11/18/2016	10:54:36	25	2.5	9.29	939.1		
11/18/2016	10:56:16	-56	0.1	4.76	941.6		
11/18/2016	10:57:56	117	4.2	8.63	948.2		
11/18/2016	10:59:36	115	4.2	8.38	955.5		
11/18/2016	11:01:16	114	0.0	8.77	958.7		
11/18/2016	11:02:56	-29	0.0	8.40	958.7		
11/18/2016	11:04:36	-32	0.5	8.37	963.8		
11/18/2016	11:06:16	-29	0.0	8.37	963.8		
11/18/2016	11:07:56	-25	0.0	8.43	963.8		
11/18/2016	11:09:36	-24	0.0	8.38	966.0		
11/18/2016	11:11:16	-23	0.0	8.37	966.0		
11/18/2016	11:12:56	286	8.2	8.37	976.5		
11/18/2016	11:14:30	285	8.2	8.37	989.3	End Tail Vol: 508 bbl	
11/18/2016	11:14:36	282	8.2	8.37	990.1		
11/18/2016	11:14:44	292	8.2	8.37	991.2	Drop Bottom Plug	
11/18/2016	11:14:56	280	8.2	8.37	992.8	Pump 5.0 bbl of Retarded Water	
11/18/2016	11:15:06	288	8.2	8.37	994.2	Drop Top Plug	
11/18/2016	11:15:12	292	8.2	8.37	995.0	Plug Launched	
11/18/2016	11:15:18	336	8.2	8.37	995.8	Begin Displacement	
11/18/2016	11:16:16	794	8.1	8.37	1003.6		
11/18/2016	11:17:56	944	8.1	8.37	1017.2		
11/18/2016	11:19:36	1089	8.1	8.36	1030.6		
11/18/2016	11:21:16	1242	8.1	8.37	1044.1		
11/18/2016	11:22:56	1409	8.1	8.37	1057.6		
11/18/2016	11:24:36	1583	8.0	8.37	1071.0		
11/18/2016	11:26:16	1716	8.0	8.37	1084.4		
11/18/2016	11:27:56	1889	8.0	8.36	1097.8		
11/18/2016	11:29:36	2049	8.0	8.36	1111.2		
11/18/2016	11:31:16	2175	8.0	8.36	1124.5		
11/18/2016	11:32:56	2202	8.0	8.36	1137.8		
11/18/2016	11:34:36	2220	8.0	8.36	1151.2		
11/18/2016	11:36:16	2239	8.0	8.36	1164.5		
11/18/2016	11:37:56	2286	8.0	8.36	1177.8		
11/18/2016	11:39:36	2307	8.0	8.36	1191.2		
11/18/2016	11:41:16	2333	8.0	8.36	1204.5		
11/18/2016	11:42:56	2362	8.0	8.36	1217.8		
11/18/2016	11:44:36	2370	8.0	8.36	1231.2		
11/18/2016	11:46:16	2378	8.0	8.36	1244.5		
11/18/2016	11:47:56	2398	8.0	8.36	1257.8		
11/18/2016	11:49:36	2418	8.0	8.36	1271.1		
11/18/2016	11:51:16	2427	8.0	8.36	1284.4		
11/18/2016	11:52:56	2465	8.0	8.36	1297.7		
11/18/2016	11:54:36	2505	8.0	8.36	1311.0		
11/18/2016	11:56:16	2553	8.0	8.36	1324.3		
11/18/2016	11:57:56	2025	4.5	8.36	1333.9		
11/18/2016	11:59:36	1781	2.1	8.36	1340.6		
11/18/2016	12:01:16	1816	2.1	8.36	1344.0		

Well			Field		Job Start	Customer		Job Number	
Thornton G-29-30HN			Wattenberg		Nov/08/2016	BAYSWATER EXPLORATION & PRODUC		DMBW-00472	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
11/18/2016	12:04:36	1818	2.0	8.36	1350.9				
11/18/2016	12:06:16	1816	2.1	8.36	1354.3				
11/18/2016	12:07:56	2408	0.0	8.36	1355.0				
11/18/2016	12:08:39	2458	0.0	8.36	1355.0	Bump Plug			
11/18/2016	12:08:53	2456	0.0	8.37	1355.0	Displacement Vol: 392 bbl			
11/18/2016	12:09:36	2484	0.0	8.36	1355.0				
11/18/2016	12:11:16	2505	0.0	8.37	1355.0				
11/18/2016	12:12:56	2533	0.0	8.37	1355.0				
11/18/2016	12:13:31	881	0.0	8.37	1355.0	Bleed Off Check Floats			
11/18/2016	12:14:36	-35	0.0	8.37	1355.0				
11/18/2016	12:16:16	389	0.3	8.37	1355.0				
11/18/2016	12:16:24	472	0.6	8.37	1355.1	Pressure up to 2300 psi			
11/18/2016	12:17:56	2151	0.6	8.36	1358.2				
11/18/2016	12:18:28	2289	0.0	8.36	1358.2	Bleed Off Check Floats			
11/18/2016	12:19:36	-33	0.0	8.37	1358.2				
11/18/2016	12:21:16	176	0.0	8.36	1358.2				
11/18/2016	12:21:30	395	1.2	8.36	1358.4	Pressure Up to 2000 psi			
11/18/2016	12:22:56	1921	0.0	8.36	1360.9				
11/18/2016	12:24:36	130	0.0	8.36	1360.9				
11/18/2016	12:26:16	1798	2.0	8.36	1362.7				
11/18/2016	12:27:42	-31	0.0	8.36	1362.9	Floats not Holding			
11/18/2016	12:27:52	-32	0.0	8.36	1362.9	Shut in Cement Head			
11/18/2016	12:27:56	-31	0.0	8.36	1362.9	Wait on Cement			
11/18/2016	12:29:36	-31	0.0	8.36	1362.9				

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2	
6.2			16.3	829.0	0.0	40.0		
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density	
7073	-31	864	2400			bbl	lb/gal	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input type="checkbox"/>	Volume	bbl	
%	0.0 bbl	192.0 bbl	47 degF	Washed Thru Perfs	<input type="checkbox"/>	To	ft	
Customer or Authorized Representative	Schlumberger Supervisor			Circulation Lost	<input type="checkbox"/>	Job Completed	<input checked="" type="checkbox"/>	
Scott Osborn	Billy Barg			-		-		