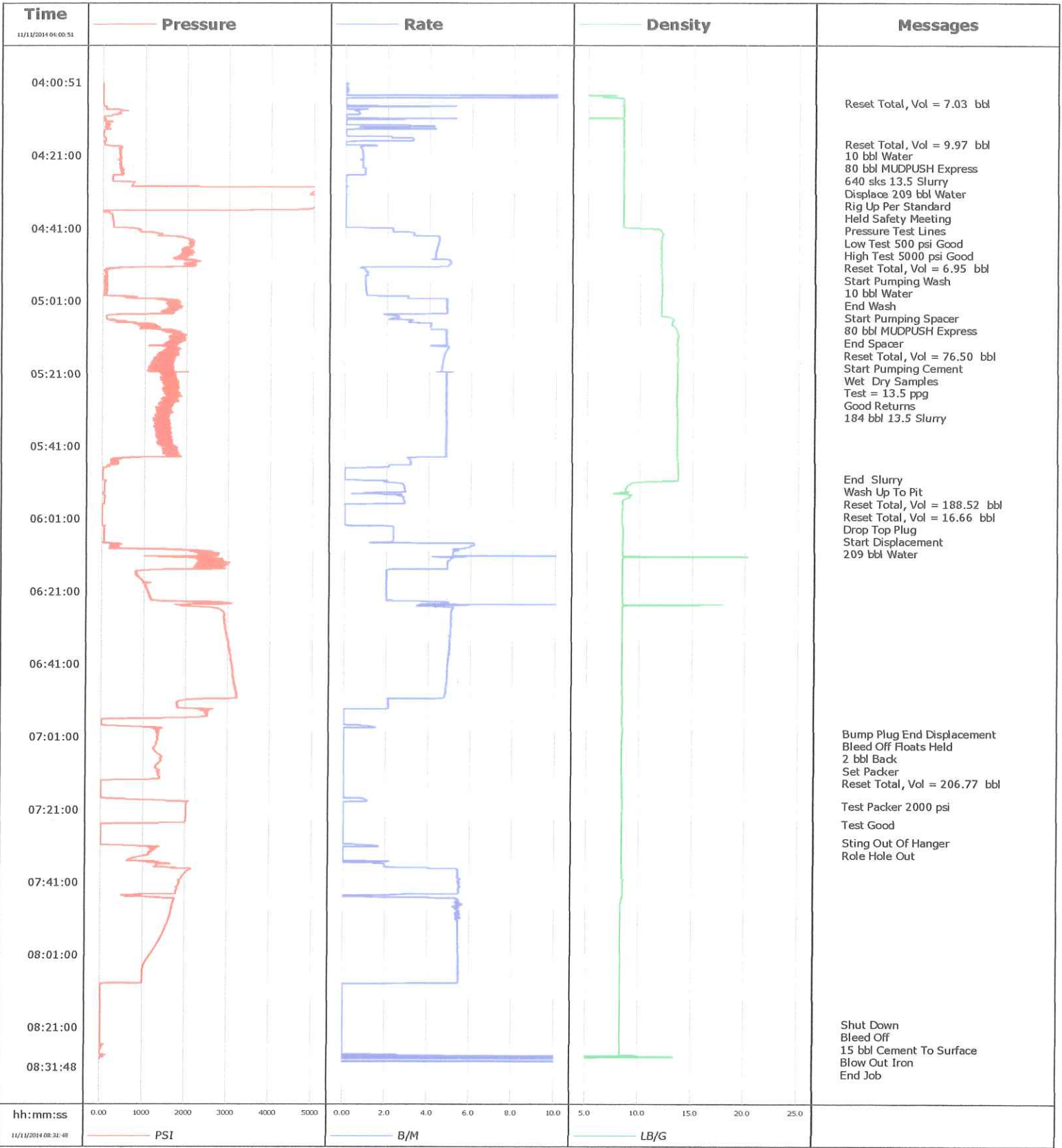


Well	Como 34N-14HZ	Client	Anadarko
Field	Wattenburge	SIR No.	D2IK-00418
Engineer	Jordan Moreland / Charles Peavey	Job Type	4 1/2 Liner
Country		Job Date	



Customer Anadarko				Job Number D2IK-00418							
Well Como 34N-14HZ			Location (legal)			Schlumberger Location CWY		Job Start Nov/11/2014			
Field Wattenburge		Formation Name/Type			Deviation		Bit Size		Well MD	Well TVD	
County Weld		State/Province Colorado			BHP		BHST 229 degF		BHCT 229 degF		Pore Press. Gradient
Well Master 0631600455		API/UWI									
Rig Name H&P 307		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		16649.0	4.500	11.6	P110	8RD	
						0.0	0.000	0.0			
Drilling Fluid Type		Max. Density		Plastic Viscosity		Tubing/Drill Pipe					
						Depth,	Size,	Weight,	Grade	Thread	
Service Line Cementing		Job Type 4 1/2 Liner									
Max. Allowed Tub. Press 5000 psi		Max. Allowed Ann. Press		WH Connection Single Cement head		Perforations/Open Hole					
						Top,	Bottom,	No. of Shots	Total Interval		
Service Instructions Rate And Density Checked 10 bbl Water 80 bbl MUDPUSH Express 640 sks 13.5 Slurry Displace 209 bbl Water									Diameter		
						Treat Down Drill Pipe	Displacement		Packer Type	Packer Depth	
						Tubing Vol.	Casing Vol.		Annular Vol.	Openhole Vol.	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>		Casing Tools			Squeeze Job				
Lift Pressure		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type Float		Squeeze Type			
Pipe Rotated		Pipe Reciprocated		Shoe Depth 16649.0 ft		Tool Type					
No. Centralizers		Top Plugs 1		Bottom Plugs		Stage Tool Type		Tool Depth			
Cement Head Type		Stage Tool Depth		Tail Pipe Size							
Job Scheduled For Nov/11/2014		Arrived on Location Nov/11/2014		Leave Location Nov/11/2014		Collar Type Float		Tail Pipe Depth			
						Collar Depth 16600.0 ft		Seq. Total Vol.			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
11/10/2014	17:25:56					Started Acquisition					
11/11/2014	04:00:51	8	0.0	0.03	0.0						
11/11/2014	04:01:56	8	0.0	0.03	0.0						
11/11/2014	04:03:56	9	0.0	0.03	0.1						
11/11/2014	04:05:56	9	0.0	8.36	7.0						
11/11/2014	04:06:30					Reset Total, Vol = 7.03 bbl					
11/11/2014	04:06:30	8	0.0	8.36	7.0						
11/11/2014	04:07:56	75	0.0	8.36	0.7						
11/11/2014	04:09:56	212	0.0	8.35	1.6						
11/11/2014	04:11:56	58	0.0	8.35	2.7						
11/11/2014	04:13:56	37	0.0	8.35	6.1						
11/11/2014	04:17:48					Reset Total, Vol = 9.97 bbl					
11/11/2014	04:17:48	45	0.0	8.35	10.0						
11/11/2014	04:17:56	45	0.0	8.35	10.0						
11/11/2014	04:19:56	405	0.8	8.35	11.5						
11/11/2014	04:21:00					10 bbl Water					
11/11/2014	04:21:00					80 bbl MUDPUSH Express					
11/11/2014	04:21:00					640 sks 13.5 Slurry					
11/11/2014	04:21:00					Displace 209 bbl Water					
11/11/2014	04:21:00					Rig Up Per Standard					
11/11/2014	04:21:00					Held Safety Meeting					

Well		Field		Job Start		Customer		Job Number	
Como 34N-14HZ		Inburge		Nov/11/2014		A. o		D2IK-00418	
Date	Time 24-hr clock	Yreating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
11/11/2014	04:21:56	388	0.8	8.35	13.1				
11/11/2014	04:23:56	408	0.8	8.35	14.7				
11/11/2014	04:25:56	458	1.0	8.35	16.6				
11/11/2014	04:27:56	230	0.0	8.35	16.9				
11/11/2014	04:29:56	5143	0.0	8.35	16.9				
11/11/2014	04:30:00					Pressure Test Lines			
11/11/2014	04:30:00					Low Test 500 psi Good			
11/11/2014	04:30:00					High Test 5000 psi Good			
11/11/2014	04:30:00	5132	0.0	8.35	16.9				
11/11/2014	04:31:56	5379	0.0	8.35	16.9				
11/11/2014	04:33:56	5136	0.0	8.35	16.9				
11/11/2014	04:34:54					Reset Total, Vol = 6.95 bbl			
11/11/2014	04:34:54	5027	0.0	8.35	16.9				
11/11/2014	04:35:00					Start Pumping Wash			
11/11/2014	04:35:00					10 bbl Water			
11/11/2014	04:35:00	5018	0.0	8.35	16.9				
11/11/2014	04:35:56	2017	0.0	8.35	16.9				
11/11/2014	04:37:56	235	0.0	8.35	16.9				
11/11/2014	04:39:56	260	0.0	8.35	16.9				
11/11/2014	04:40:00					End Wash			
11/11/2014	04:40:00	264	0.0	8.35	16.9				
11/11/2014	04:41:00					Start Pumping Spacer			
11/11/2014	04:41:00					80 bbl MUDPUSH Express			
11/11/2014	04:41:00	802	2.3	10.76	17.4				
11/11/2014	04:41:56	905	2.3	11.97	19.5				
11/11/2014	04:43:56	2052	4.5	11.99	26.9				
11/11/2014	04:45:56	2046	4.4	11.96	35.7				
11/11/2014	04:47:56	1886	4.3	11.96	44.4				
11/11/2014	04:49:56	2262	5.0	11.98	53.2				
11/11/2014	04:51:56	151	0.9	11.99	61.6				
11/11/2014	04:53:56	80	1.1	11.99	63.6				
11/11/2014	04:55:56	51	1.0	12.03	65.5				
11/11/2014	04:57:56	58	1.0	12.03	67.5				
11/11/2014	04:59:56	542	3.0	12.00	70.3				
11/11/2014	05:00:00					End Spacer			
11/11/2014	05:00:00	612	3.0	11.99	70.5				
11/11/2014	05:01:56	1804	4.8	11.99	79.2				
11/11/2014	05:03:56	1608	4.8	12.01	88.8				
11/11/2014	05:05:16					Reset Total, Vol = 76.50 bbl			
11/11/2014	05:05:16	102	2.6	12.54	93.4				
11/11/2014	05:05:56	110	2.1	13.13	95.0				
11/11/2014	05:07:56	1218	4.1	13.20	101.9				
11/11/2014	05:09:56	1855	4.8	13.52	110.9				
11/11/2014	05:10:00					Start Pumping Cement			
11/11/2014	05:10:00					Wet Dry Samples			
11/11/2014	05:10:00					Test = 13.5 ppg			
11/11/2014	05:10:00					Good Returns			
11/11/2014	05:10:00					184 bbl 13.5 Slurry			
11/11/2014	05:10:00	1922	4.8	13.52	111.3				
11/11/2014	05:11:56	1588	4.8	13.51	120.5				
11/11/2014	05:13:56	1653	4.9	13.55	130.1				
11/11/2014	05:15:56	1329	4.7	13.53	139.6				
11/11/2014	05:17:56	1596	4.6	13.55	149.0				
11/11/2014	05:19:56	1508	4.6	13.52	158.2				

Well			Field	Job Start	Customer	Job Number
Como 34N-14HZ			inburge	Nov/11/2014	A o	D2IK-00418
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
11/11/2014	05:23:56	1471	4.8	13.51	177.3	
11/11/2014	05:25:56	1792	4.8	13.52	186.9	
11/11/2014	05:27:56	1523	4.8	13.47	196.5	
11/11/2014	05:29:56	1650	4.8	13.50	206.1	
11/11/2014	05:31:56	1285	4.8	13.52	215.7	
11/11/2014	05:33:56	1418	4.8	13.51	225.4	
11/11/2014	05:35:56	1249	4.8	13.52	235.0	
11/11/2014	05:37:56	1566	4.8	13.54	244.6	
11/11/2014	05:39:56	1598	4.8	13.54	254.3	
11/11/2014	05:41:56	1479	4.8	13.53	263.9	
11/11/2014	05:43:56	1735	4.8	13.53	273.5	
11/11/2014	05:45:56	391	3.1	13.56	279.8	
11/11/2014	05:47:56	18	0.0	13.62	281.9	
11/11/2014	05:49:56	13	0.0	13.61	281.9	
11/11/2014	05:50:00					End Slurry
11/11/2014	05:50:00					Wash Up To Pit
11/11/2014	05:50:00	12	0.0	13.61	281.9	
11/11/2014	05:50:21					Reset Total, Vol = 188.52 bbl
11/11/2014	05:50:21	96	1.7	13.57	281.9	
11/11/2014	05:51:56	70	2.8	8.79	285.7	
11/11/2014	05:53:56	17	0.7	7.96	290.9	
11/11/2014	05:55:56	68	2.8	8.39	295.9	
11/11/2014	05:56:58					Reset Total, Vol = 16.66 bbl
11/11/2014	05:56:58	8	0.0	8.34	298.6	
11/11/2014	05:57:56	10	0.0	8.34	298.6	
11/11/2014	05:59:56	10	0.0	8.34	298.6	
11/11/2014	06:00:00					Drop Top Plug
11/11/2014	06:00:00					Start Displacement
11/11/2014	06:00:00					209 bbl Water
11/11/2014	06:00:00	10	0.0	8.34	298.6	
11/11/2014	06:01:56	10	0.0	8.34	298.6	
11/11/2014	06:03:56	64	2.3	8.41	301.2	
11/11/2014	06:05:56	67	2.3	8.39	305.8	
11/11/2014	06:07:56	332	6.2	8.39	311.5	
11/11/2014	06:09:56	2634	5.2	8.39	322.9	
11/11/2014	06:11:56	2579	5.1	8.39	333.6	
11/11/2014	06:13:56	2735	4.9	8.38	343.5	
11/11/2014	06:15:56	815	2.0	8.38	350.2	
11/11/2014	06:17:56	975	2.0	8.38	354.2	
11/11/2014	06:19:56	1042	2.0	8.38	358.3	
11/11/2014	06:21:56	1127	2.0	8.38	362.3	
11/11/2014	06:23:56	2789	4.9	8.38	367.2	
11/11/2014	06:25:56	2805	5.1	8.38	376.9	
11/11/2014	06:27:56	2893	5.1	8.38	387.0	
11/11/2014	06:29:56	2916	5.1	8.38	397.2	
11/11/2014	06:31:56	2951	5.0	8.38	407.3	
11/11/2014	06:33:56	2998	5.0	8.38	417.3	
11/11/2014	06:35:56	3013	5.0	8.38	427.3	
11/11/2014	06:37:56	3034	5.0	8.38	437.3	
11/11/2014	06:39:56	3064	4.9	8.38	447.2	
11/11/2014	06:41:56	3102	4.9	8.38	457.1	
11/11/2014	06:43:56	3110	4.9	8.38	466.9	
11/11/2014	06:45:56	3135	4.9	8.38	476.5	
11/11/2014	06:47:56	3168	4.8	8.39	486.3	

Well		Field		Job Start	Customer		Job Number
Como 34N-14HZ		Inborge		Nov/11/2014	A o		D2JK-00418
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/11/2014	06:51:56	1802	2.1	8.39	501.5		
11/11/2014	06:53:56	2480	0.0	8.40	504.4		
11/11/2014	06:55:56	703	0.0	8.39	504.4		
11/11/2014	06:57:56	314	1.1	8.41	504.6		
11/11/2014	06:59:56	1324	0.0	8.44	505.4		
11/11/2014	07:00:00					Bump Plug End Displacement	
11/11/2014	07:00:00					Bleed Off Floats Held	
11/11/2014	07:00:00					2 bbl Back	
11/11/2014	07:00:00					Set Packer	
11/11/2014	07:00:00	1357	0.0	8.44	505.4		
11/11/2014	07:01:56	1345	0.0	8.39	505.4		
11/11/2014	07:03:56	1254	0.0	8.39	505.4		
11/11/2014	07:05:03					Reset Total, Vol = 206.77 bbl	
11/11/2014	07:05:03	1290	0.0	8.39	505.4		
11/11/2014	07:05:56	1395	0.0	8.39	505.4		
11/11/2014	07:07:56	1378	0.0	8.39	505.4		
11/11/2014	07:09:56	1360	0.0	8.39	505.4		
11/11/2014	07:11:56	1388	0.0	8.39	505.4		
11/11/2014	07:13:56	9	0.0	8.39	505.4		
11/11/2014	07:15:56	11	0.0	8.39	505.4		
11/11/2014	07:17:56	236	1.0	8.47	505.5		
11/11/2014	07:19:56	2022	0.0	8.48	506.5		
11/11/2014	07:20:00					Test Packer 2000 psi	
11/11/2014	07:20:00	2022	0.0	8.48	506.5		
11/11/2014	07:21:56	2018	0.0	8.42	506.5		
11/11/2014	07:23:56	2013	0.0	8.40	506.5		
11/11/2014	07:25:00					Test Good	
11/11/2014	07:25:00	9	0.0	8.40	506.5		
11/11/2014	07:25:56	10	0.0	8.40	506.5		
11/11/2014	07:27:56	12	0.0	8.40	506.5		
11/11/2014	07:29:56	11	0.0	8.39	506.5		
11/11/2014	07:30:00					Sting Out Of Hanger	
11/11/2014	07:30:00					Role Hole Out	
11/11/2014	07:30:00	11	0.0	8.39	506.5		
11/11/2014	07:31:56	1187	0.0	8.42	507.4		
11/11/2014	07:33:56	916	0.0	8.40	507.4		
11/11/2014	07:35:56	1551	2.0	8.40	508.3		
11/11/2014	07:37:56	2057	5.4	8.43	515.3		
11/11/2014	07:39:56	1902	5.5	8.46	526.2		
11/11/2014	07:41:56	1836	5.5	8.48	537.2		
11/11/2014	07:43:56	1775	5.5	8.50	548.1		
11/11/2014	07:45:56	1742	5.4	8.37	555.1		
11/11/2014	07:47:56	1685	5.5	8.34	566.0		
11/11/2014	07:49:56	1653	5.4	8.33	576.9		
11/11/2014	07:51:56	1588	5.5	8.33	587.7		
11/11/2014	07:53:56	1524	5.5	8.33	598.6		
11/11/2014	07:55:56	1438	5.5	8.33	609.6		
11/11/2014	07:57:56	1347	5.5	8.33	620.5		
11/11/2014	07:59:56	1248	5.5	8.33	631.4		
11/11/2014	08:01:56	1132	5.5	8.33	642.4		
11/11/2014	08:03:56	1032	5.5	8.33	653.4		
11/11/2014	08:05:56	1007	5.5	8.33	664.3		
11/11/2014	08:07:56	996	5.5	8.33	675.3		
11/11/2014	08:09:56	19	0.0	8.33	680.0		

Well		Field		Job Start		Customer		Job Number	
Como 34N-14HZ		enburge		Nov/11/2014		/ co		D2IK-00418	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
11/11/2014	08:13:56	17	0.0	8.33	680.0				
11/11/2014	08:15:56	15	0.0	8.33	680.0				
11/11/2014	08:17:56	15	0.0	8.34	680.0				
11/11/2014	08:19:56	15	0.0	8.34	680.0				
11/11/2014	08:20:00					Shut Down			
11/11/2014	08:20:00					Bleed Off			
11/11/2014	08:20:00					15 bbl Cement To Surface			
11/11/2014	08:20:00					Blow Out Iron			
11/11/2014	08:20:00					End Job			
11/11/2014	08:20:00	14	0.0	8.34	680.0				
11/11/2014	08:21:56	14	0.0	8.34	680.0				
11/11/2014	08:23:56	14	0.0	8.34	680.0				
11/11/2014	08:25:56	50	0.0	8.34	680.0				
11/11/2014	08:27:56	11	0.0	8.34	680.0				

Post Job Summary

Average Pump Rates,				Volume of Fluid Injected,			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
Treating Pressure Summary,				Breakdowns Field			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp 66 degF	Cement Circulated to Surface?	<input type="checkbox"/>	Volume	
Customer or Authorized Representative				Washed Thru Perfs	<input type="checkbox"/>	To	
Schlumberger Supervisor Jordan Moreland / Charles Peavey				Circulation Lost	<input type="checkbox"/>	Job Completed	<input checked="" type="checkbox"/>
				-		-	