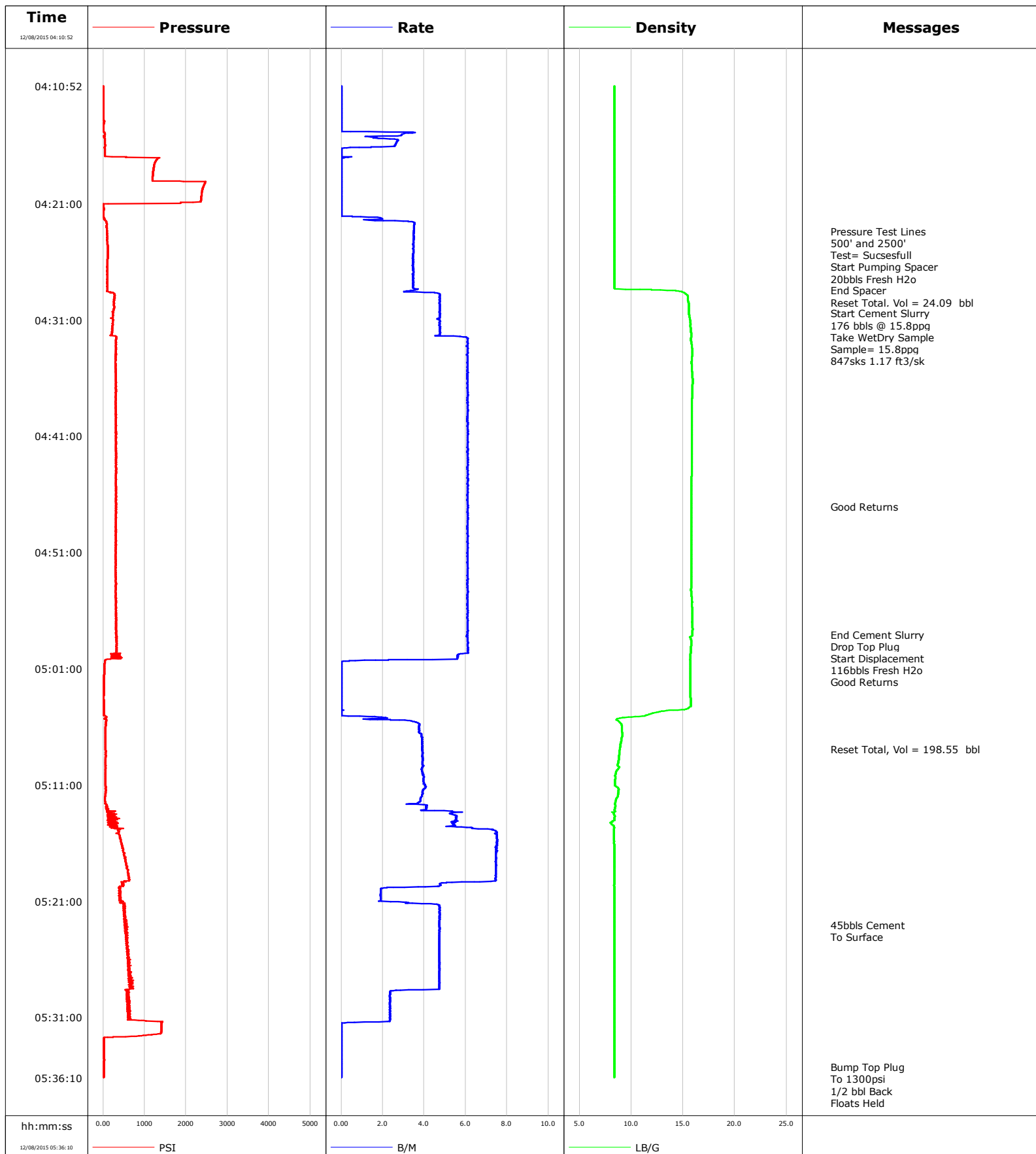


Well Fairview 5
Field DJ
Engineer
Country United States

Client Extraction
SIR No. CWJN-01531
Job Type Surface
Job Date 12-08-2015





Cementing Service Report

				Customer Extraction			Job Number CWJN-01531								
Well Fairview 5 5			Location (legal) Firestone			Schlumberger Location CWY			Job Start Dec/08/2015						
Field DJ		Formation Name/Type			Deviation		Bit Size 13.5 in		Well MD		Well TVD				
County Weld		State/Province Colorado			BHP		BHST		BHCT		Pore Press. Gradient				
Well Master 0631637458		API/UWI													
Rig Name Savanah 802		Drilled For Oil		Service Via Land		Casing/Liner									
Offshore Zone		Well Class New		Well Type Development		Depth, ft		Size, in		Weight, lb/ft		Grade		Thread	
						1538.0		9.630		36.0		J55		8RD	
						0.0		0.000		0.0					
Drilling Fluid Type Bentonite		Max. Density		Plastic Viscosity		Tubing/Drill Pipe									
						Depth,		Size,		Weight,		Grade		Thread	
Service Line Cementing		Job Type Surface													
Max. Allowed Tub. Press		Max. Allowed Ann. Press		WH Connection Single Cement head		Perforations/Open Hole									
Service Instructions						Top,		Bottom,				No. of Shots		Total Interval	
														Diameter	
Treat Down Casing						Displacement 116.0 bbl				Packer Type				Packer Depth	
Tubing Vol.						Casing Vol. 119.0 bbl				Annular Vol. 91.0 bbl				Openhole Vol. 214.0 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 761 psi						Shoe Type Guide				Squeeze Type					
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 1538.0 ft				Tool Type					
No. Centralizers		Top Plugs		Bottom Plugs 1		Stage Tool Type				Tool Depth					
Cement Head Type Single						Stage Tool Depth				Tail Pipe Size					
Job Scheduled For Dec/08/2015		Arrived on Location Dec/08/2015		Leave Location Dec/08/2015		Collar Type Float				Tail Pipe Depth					
						Collar Depth 1496.0 ft				Sqz. Total Vol.					
Date	Time 24-hr clock	Treating Pressure PSI		Flow Rate B/M		Density LB/G		Volume BBL		Message					
12/08/2015	04:07:48									Started Acquisition					
12/08/2015	04:07:53									1538' 9 5/8 Casing					
12/08/2015	04:07:53									Held Safety Meeting					
12/08/2015	04:10:52	2		0.0		8.36		0.0							
12/08/2015	04:11:18	2		0.0		8.36		0.0							
12/08/2015	04:11:48	2		0.0		8.36		0.0							
12/08/2015	04:12:18	2		0.0		8.36		0.0							
12/08/2015	04:12:48	2		0.0		8.36		0.0							
12/08/2015	04:13:18	2		0.0		8.36		0.0							
12/08/2015	04:13:48	2		0.0		8.36		0.0							
12/08/2015	04:14:18	6		0.0		8.36		0.0							
12/08/2015	04:14:48	3		0.5		8.36		0.0							
12/08/2015	04:15:18	29		1.6		8.36		1.3							
12/08/2015	04:15:48	45		2.6		8.36		2.5							
12/08/2015	04:16:18	38		0.0		8.36		3.4							
12/08/2015	04:16:48	38		0.0		8.36		3.4							
12/08/2015	04:17:18	1279		0.0		8.36		3.4							
12/08/2015	04:17:48	1225		0.0		8.36		3.4							
12/08/2015	04:18:18	1205		0.0		8.36		3.4							
12/08/2015	04:18:48	1192		0.0		8.36		3.4							
12/08/2015	04:19:18	2447		0.0		8.36		3.4							

Well			Field		Job Start	Customer	Job Number
Fairview 5 5			DJ		Dec/08/2015	Extraction	CWJN-01531
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
12/08/2015	04:20:18	2371	0.0	8.36	3.4		
12/08/2015	04:20:48	2356	0.0	8.36	3.4		
12/08/2015	04:21:18	3	0.0	8.36	3.4		
12/08/2015	04:21:48	10	0.0	8.36	3.4		
12/08/2015	04:22:18	37	2.0	8.36	3.8		
12/08/2015	04:22:48	90	3.5	8.36	5.2		
12/08/2015	04:23:18	95	3.5	8.36	6.9		
12/08/2015	04:23:21					Pressure Test Lines	
12/08/2015	04:23:21	97	3.5	8.36	7.1		
12/08/2015	04:23:22					500' and 2500'	
12/08/2015	04:23:22	97	3.5	8.36	7.1		
12/08/2015	04:23:23					Test= Sucsesfull	
12/08/2015	04:23:23	94	3.5	8.36	7.2		
12/08/2015	04:23:48	98	3.5	8.36	8.7		
12/08/2015	04:24:18	100	3.5	8.36	10.4		
12/08/2015	04:24:32					Start Pumping Spacer	
12/08/2015	04:24:32	102	3.5	8.36	11.2		
12/08/2015	04:24:34					20bbls Fresh H2o	
12/08/2015	04:24:34	117	3.5	8.36	11.3		
12/08/2015	04:24:48	116	3.5	8.36	12.1		
12/08/2015	04:25:18	114	3.5	8.36	13.9		
12/08/2015	04:25:48	105	3.5	8.36	15.6		
12/08/2015	04:26:18	100	3.5	8.36	17.3		
12/08/2015	04:26:48	96	3.5	8.36	19.1		
12/08/2015	04:27:18	98	3.5	8.36	20.8		
12/08/2015	04:27:48	97	3.5	8.35	22.5		
12/08/2015	04:28:14					End Spacer	
12/08/2015	04:28:14	101	3.5	8.36	24.0		
12/08/2015	04:28:15					Reset Total, Vol = 24.09 bbl	
12/08/2015	04:28:15	101	3.5	8.36	24.1		
12/08/2015	04:28:18	98	3.5	8.36	24.3		
12/08/2015	04:28:48	272	4.8	15.33	26.2		
12/08/2015	04:29:18	266	4.7	15.46	28.6		
12/08/2015	04:29:48	266	4.8	15.56	30.9		
12/08/2015	04:30:18	219	4.8	15.53	33.3		
12/08/2015	04:30:25					Start Cement Slurry	
12/08/2015	04:30:25	241	4.8	15.53	33.9		
12/08/2015	04:30:26					176 bbls @ 15.8ppg	
12/08/2015	04:30:26					Take WetDry Sample	
12/08/2015	04:30:26					Sample= 15.8ppg	
12/08/2015	04:30:26					847sks 1.17 ft3/sk	
12/08/2015	04:30:26	238	4.8	15.53	34.0		
12/08/2015	04:30:48	235	4.7	15.62	35.7		
12/08/2015	04:31:18	232	4.8	15.72	38.1		
12/08/2015	04:31:48	223	4.8	15.73	40.4		
12/08/2015	04:32:18	219	4.8	15.79	42.8		
12/08/2015	04:32:48	309	6.1	15.75	45.7		
12/08/2015	04:33:18	310	6.1	15.85	48.7		
12/08/2015	04:33:48	312	6.1	15.87	51.8		
12/08/2015	04:34:18	313	6.1	15.85	54.8		
12/08/2015	04:34:48	296	6.1	15.81	57.9		
12/08/2015	04:35:18	311	6.1	15.85	60.9		
12/08/2015	04:35:48	302	6.1	15.89	64.0		
12/08/2015	04:36:18	304	6.1	15.91	67.0		

Well			Field		Job Start	Customer		Job Number
Fairview 5 5			DJ		Dec/08/2015	Extraction		CWJN-01531
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
12/08/2015	04:37:18	300	6.1	15.88	73.1			
12/08/2015	04:37:48	302	6.1	15.86	76.1			
12/08/2015	04:38:18	296	6.1	15.83	79.2			
12/08/2015	04:38:48	303	6.1	15.83	82.2			
12/08/2015	04:39:18	307	6.1	15.82	85.3			
12/08/2015	04:39:48	310	6.1	15.82	88.3			
12/08/2015	04:40:18	308	6.1	15.82	91.4			
12/08/2015	04:40:48	307	6.1	15.82	94.4			
12/08/2015	04:41:18	308	6.1	15.82	97.5			
12/08/2015	04:41:48	312	6.1	15.82	100.5			
12/08/2015	04:42:18	311	6.1	15.83	103.5			
12/08/2015	04:42:48	307	6.1	15.83	106.6			
12/08/2015	04:43:18	311	6.1	15.83	109.6			
12/08/2015	04:43:48	312	6.1	15.84	112.7			
12/08/2015	04:44:18	309	6.1	15.83	115.7			
12/08/2015	04:44:48	313	6.1	15.79	118.8			
12/08/2015	04:45:18	314	6.1	15.80	121.8			
12/08/2015	04:45:48	317	6.1	15.81	124.9			
12/08/2015	04:46:18	308	6.1	15.81	127.9			
12/08/2015	04:46:48	315	6.1	15.81	131.0			
12/08/2015	04:47:03					Good Returns		
12/08/2015	04:47:03	308	6.1	15.80	132.5			
12/08/2015	04:47:18	308	6.1	15.80	134.0			
12/08/2015	04:47:48	311	6.1	15.80	137.0			
12/08/2015	04:48:18	308	6.1	15.79	140.1			
12/08/2015	04:48:48	299	6.1	15.78	143.1			
12/08/2015	04:49:18	312	6.1	15.78	146.2			
12/08/2015	04:49:48	304	6.1	15.78	149.2			
12/08/2015	04:50:18	303	6.1	15.78	152.3			
12/08/2015	04:50:48	302	6.1	15.78	155.3			
12/08/2015	04:51:18	305	6.1	15.77	158.4			
12/08/2015	04:51:48	308	6.1	15.78	161.4			
12/08/2015	04:52:18	299	6.1	15.78	164.4			
12/08/2015	04:52:48	306	6.1	15.78	167.5			
12/08/2015	04:53:18	312	6.1	15.79	170.5			
12/08/2015	04:53:48	306	6.1	15.80	173.6			
12/08/2015	04:54:18	299	6.1	15.77	176.6			
12/08/2015	04:54:48	298	6.1	15.82	179.7			
12/08/2015	04:55:18	300	6.1	15.86	182.7			
12/08/2015	04:55:48	315	6.1	15.88	185.7			
12/08/2015	04:56:18	310	6.1	15.89	188.8			
12/08/2015	04:56:48	312	6.1	15.88	191.8			
12/08/2015	04:57:18	316	6.1	15.89	194.9			
12/08/2015	04:57:48	314	6.1	15.89	197.9			
12/08/2015	04:58:04					End Cement Slurry		
12/08/2015	04:58:04	320	6.1	15.89	199.5			
12/08/2015	04:58:09					Drop Top Plug		
12/08/2015	04:58:09	319	6.1	15.89	200.0			
12/08/2015	04:58:16					Start Displacement		
12/08/2015	04:58:16	329	6.1	15.64	200.7			
12/08/2015	04:58:18	311	6.1	15.67	201.0			
12/08/2015	04:58:30					116bbls Fresh H2o		
12/08/2015	04:58:30	320	6.1	15.76	202.2			
12/08/2015	04:58:31					Good Returns		

Well			Field		Job Start	Customer		Job Number
Fairview 5 5			DJ		Dec/08/2015	Extraction		CWJN-01531
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
12/08/2015	04:58:48	329	6.1	15.79	204.0			
12/08/2015	04:59:18	320	6.1	15.75	207.0			
12/08/2015	04:59:48	213	5.6	15.70	210.1			
12/08/2015	05:00:18	46	0.7	15.70	212.5			
12/08/2015	05:00:48	30	0.0	15.69	212.5			
12/08/2015	05:01:18	25	0.0	15.68	212.5			
12/08/2015	05:01:48	23	0.0	15.69	212.5			
12/08/2015	05:02:18	23	0.0	15.70	212.5			
12/08/2015	05:02:48	23	0.0	15.71	212.5			
12/08/2015	05:03:18	13	0.0	15.72	212.5			
12/08/2015	05:03:48	23	0.0	15.73	212.5			
12/08/2015	05:04:18	23	0.0	15.66	212.5			
12/08/2015	05:04:48	23	0.0	12.17	212.5			
12/08/2015	05:05:18	42	1.5	8.66	212.9			
12/08/2015	05:05:48	62	3.8	9.06	214.5			
12/08/2015	05:06:18	59	3.8	9.09	216.4			
12/08/2015	05:06:48	54	3.9	9.12	218.3			
12/08/2015	05:07:18	55	3.9	9.01	220.2			
12/08/2015	05:07:48	57	3.9	8.92	222.2			
12/08/2015	05:07:55					Reset Total, Vol = 198.55 bbl		
12/08/2015	05:07:55	57	3.9	8.90	222.6			
12/08/2015	05:08:18	62	3.9	8.84	224.1			
12/08/2015	05:08:48	60	3.9	8.80	226.1			
12/08/2015	05:09:18	59	3.9	8.67	228.1			
12/08/2015	05:09:48	59	3.9	8.59	230.0			
12/08/2015	05:10:18	58	4.0	8.47	232.0			
12/08/2015	05:10:48	58	4.0	8.41	234.0			
12/08/2015	05:11:18	60	4.0	8.77	236.0			
12/08/2015	05:11:48	50	3.9	8.73	237.9			
12/08/2015	05:12:18	44	3.8	8.51	239.9			
12/08/2015	05:12:48	114	4.1	8.46	241.8			
12/08/2015	05:13:18	273	5.3	8.46	243.9			
12/08/2015	05:13:48	196	5.5	8.39	246.6			
12/08/2015	05:14:18	369	5.4	8.06	249.4			
12/08/2015	05:14:48	376	7.3	8.35	252.3			
12/08/2015	05:15:18	395	7.5	8.35	256.0			
12/08/2015	05:15:48	423	7.5	8.35	259.8			
12/08/2015	05:16:18	459	7.5	8.36	263.5			
12/08/2015	05:16:48	494	7.5	8.36	267.3			
12/08/2015	05:17:18	521	7.5	8.36	271.0			
12/08/2015	05:17:48	553	7.5	8.36	274.7			
12/08/2015	05:18:18	607	7.4	8.36	278.4			
12/08/2015	05:18:48	633	7.4	8.36	282.2			
12/08/2015	05:19:18	524	7.2	8.36	285.9			
12/08/2015	05:19:48	386	2.5	8.36	288.3			
12/08/2015	05:20:18	378	1.9	8.36	289.3			
12/08/2015	05:20:48	426	1.9	8.36	290.2			
12/08/2015	05:21:18	481	4.7	8.36	291.7			
12/08/2015	05:21:48	494	4.8	8.36	294.0			
12/08/2015	05:22:18	514	4.7	8.36	296.4			
12/08/2015	05:22:48	543	4.7	8.36	298.8			
12/08/2015	05:23:01					45bbbls Cement		
12/08/2015	05:23:01	543	4.7	8.36	299.8			
12/08/2015	05:23:02					To Surface		

Well			Field		Job Start	Customer		Job Number
Fairview 5 5			DJ		Dec/08/2015	Extraction		CWJN-01531
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
12/08/2015	05:23:18	546	4.7	8.36	301.1			
12/08/2015	05:23:48	581	4.7	8.36	303.5			
12/08/2015	05:24:18	576	4.7	8.36	305.9			
12/08/2015	05:24:48	557	4.7	8.36	308.2			
12/08/2015	05:25:18	621	4.7	8.36	310.6			
12/08/2015	05:25:48	643	4.7	8.36	313.0			
12/08/2015	05:26:18	633	4.7	8.36	315.3			
12/08/2015	05:26:48	631	4.7	8.36	317.7			
12/08/2015	05:27:18	614	4.7	8.36	320.1			
12/08/2015	05:27:48	719	4.7	8.36	322.4			
12/08/2015	05:28:18	727	4.7	8.36	324.8			
12/08/2015	05:28:48	563	2.3	8.36	326.7			
12/08/2015	05:29:18	571	2.3	8.36	327.9			
12/08/2015	05:29:48	599	2.3	8.36	329.1			
12/08/2015	05:30:18	641	2.3	8.36	330.3			
12/08/2015	05:30:48	651	2.3	8.36	331.4			
12/08/2015	05:31:18	1033	2.3	8.36	332.6			
12/08/2015	05:31:48	1403	0.0	8.36	332.8			
12/08/2015	05:32:18	1401	0.0	8.36	332.8			
12/08/2015	05:32:48	17	0.0	8.36	332.8			
12/08/2015	05:33:18	21	0.0	8.36	332.8			
12/08/2015	05:33:48	22	0.0	8.36	332.8			
12/08/2015	05:34:18	22	0.0	8.36	332.8			
12/08/2015	05:34:48	22	0.0	8.36	332.8			
12/08/2015	05:35:16					Bump Top Plug		
12/08/2015	05:35:16	22	0.0	8.36	332.8			
12/08/2015	05:35:18					To 1300psi		
12/08/2015	05:35:18	22	0.0	8.36	332.8			
12/08/2015	05:35:35					1/2 bbl Back		
12/08/2015	05:35:35	20	0.0	8.36	332.8			
12/08/2015	05:35:48	19	0.0	8.36	332.8			
12/08/2015	05:35:50					Floats Held		
12/08/2015	05:35:50	19	0.0	8.36	332.8			
12/08/2015	05:36:06					End Displacement		
12/08/2015	05:36:06	20	0.0	8.36	332.8			

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 5.0	N2	Mud 0.0	Maximum Rate 9.5	Total Slurry 332.8	Mud 0.0	Spacer 12.8	N2			
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 2475	Final 0	Average 342	Bump Plug to 1300	Breakdown	Type		Volume		Density	
Avg. N2 Percent		Designed Slurry Volume 176.0 bbl		Displacement 132.3 bbl		Mix Water Temp		Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 45.0 bbl
						73 degF		Washed Thru Perfs <input type="checkbox"/>		To
Customer or Authorized Representative Shawn McIntire			Schlumberger Supervisor Jason Crick/Matt Lieker			Circulation Lost <input type="checkbox"/>		Job Completed <input type="checkbox"/>		
						-		-		