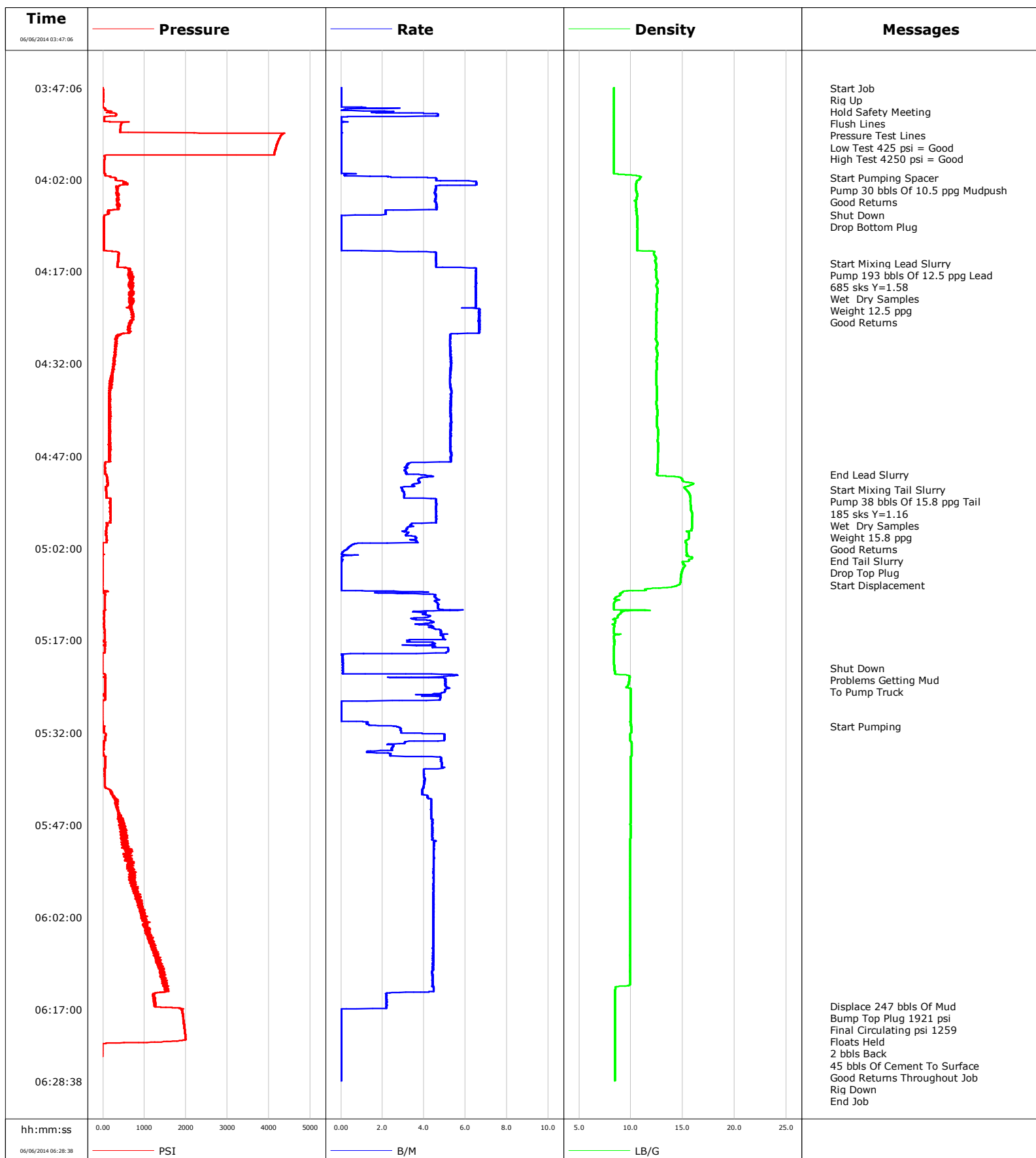


Well State Whitetail O-K-36HNB
Field Wattenberg
Engineer Justin Zika/Leiker
Country United States

Client Bonanza Creek
SIR No.
Job Type Intermediate
Job Date 06-06-2014



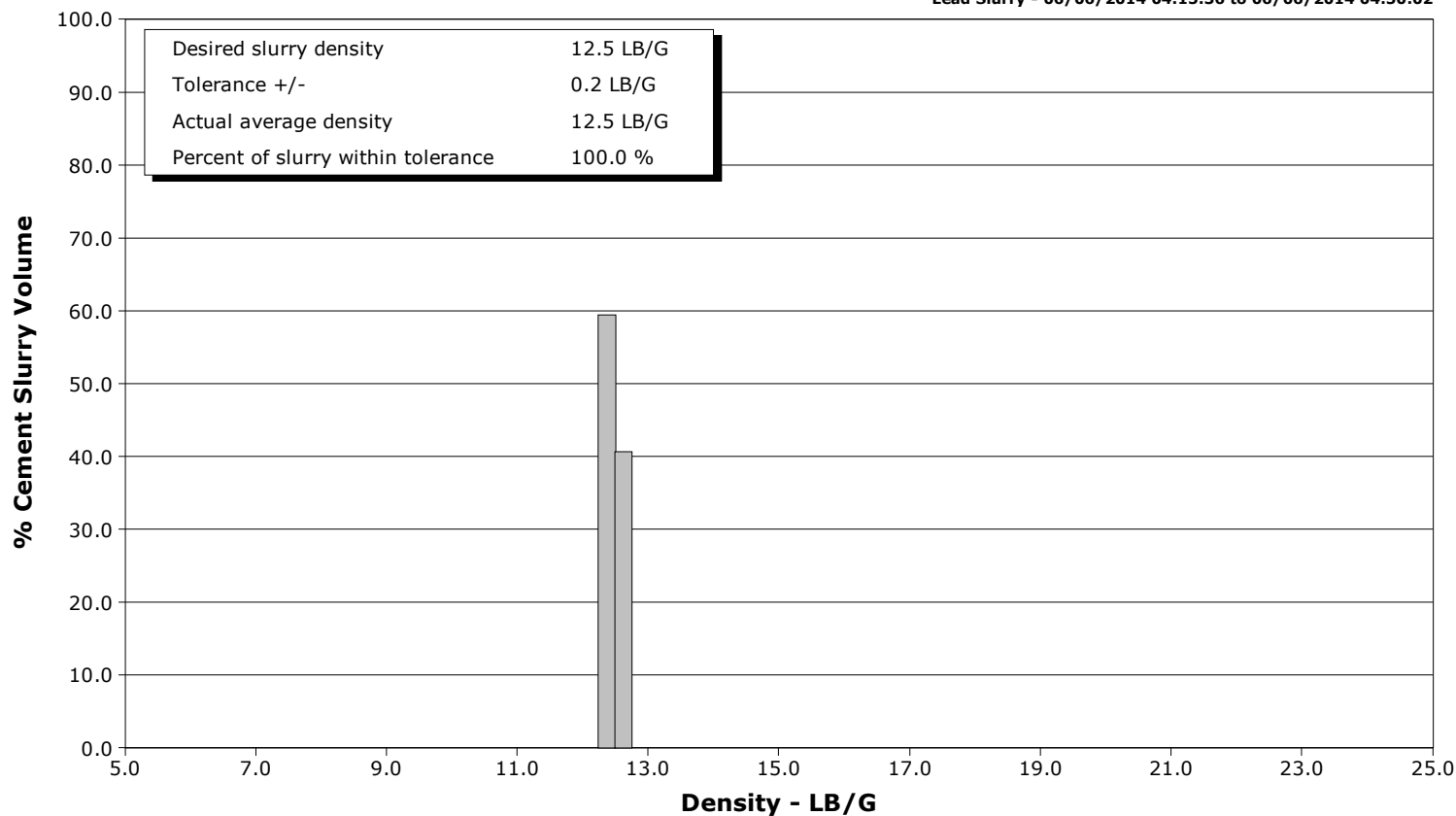
Schlumberger

Cementing Qa/Qc Density Report

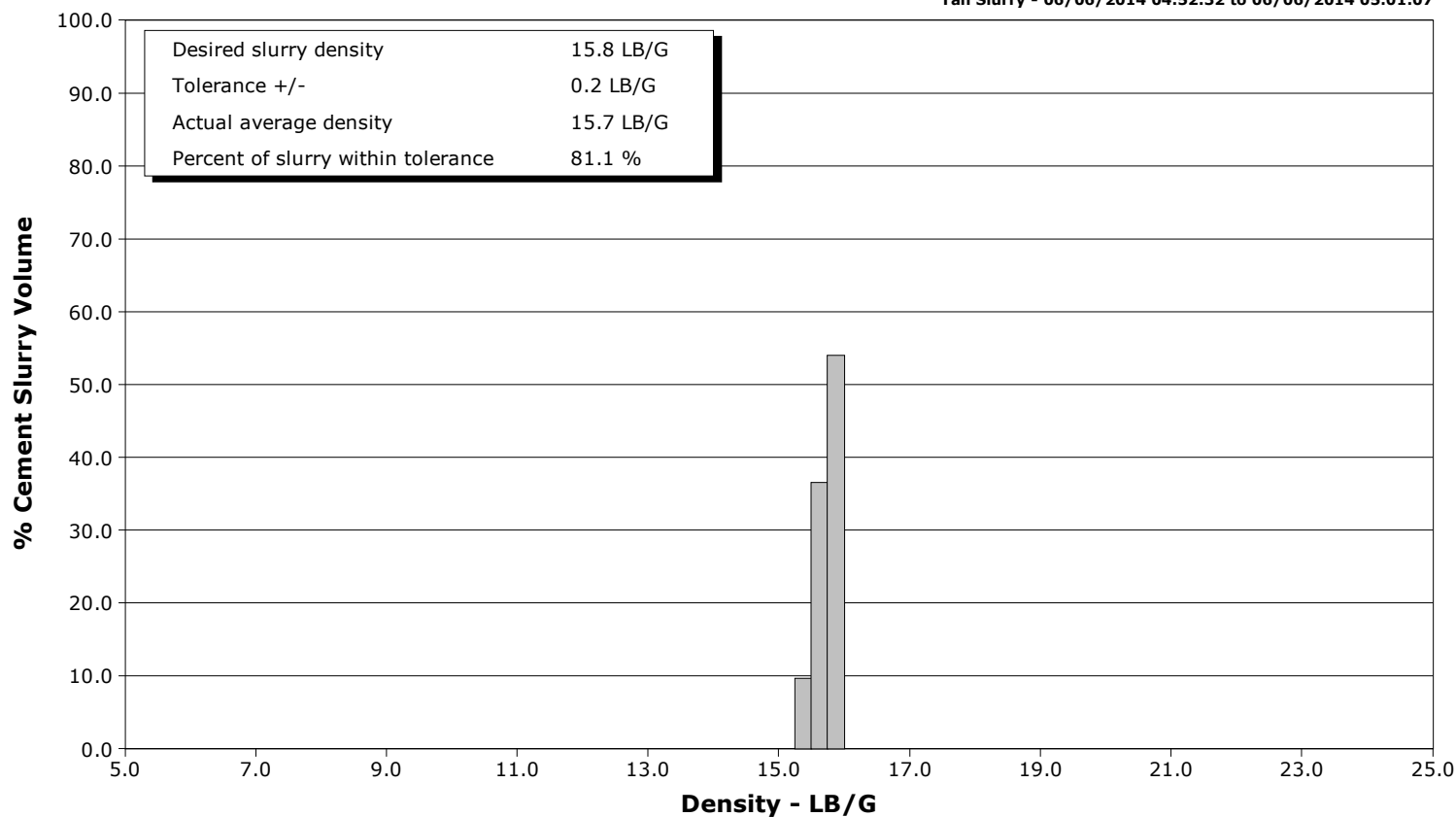
Well State Whitetail O-K-36HNB
Field Wattenberg
Engineer Justin Zika/Leiker
Country United States

Client Bonanza Creek
SIR No.
Job Type Intermediate
Job Date 06-06-2014

Lead Slurry - 06/06/2014 04:15:36 to 06/06/2014 04:50:02



Tail Slurry - 06/06/2014 04:52:32 to 06/06/2014 05:01:07



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Well			Field		Job Start		Customer		Job Number	
State Whitetail O-K-36HNB O-K-36HNB			Wattenberg		Jun/06/2014		Bonanza Creek		1976274	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
06/06/2014	04:00:44	31	0.0	8.35	3.7					
06/06/2014	04:01:48					Start Pumping Spacer				
06/06/2014	04:01:48	308	4.6	10.87	4.7					
06/06/2014	04:01:51					Pump 30 bbls Of 10.5 ppg Mudpush				
06/06/2014	04:01:51					Good Returns				
06/06/2014	04:01:51	305	4.6	10.86	4.9					
06/06/2014	04:02:24	499	6.5	10.56	7.6					
06/06/2014	04:04:04	345	4.5	10.53	16.4					
06/06/2014	04:05:44	355	4.6	10.50	24.0					
06/06/2014	04:07:24	154	2.1	10.53	30.6					
06/06/2014	04:07:50					Shut Down				
06/06/2014	04:07:50	51	0.7	10.55	31.5					
06/06/2014	04:07:52					Drop Bottom Plug				
06/06/2014	04:07:52	43	0.2	10.61	31.6					
06/06/2014	04:09:04	20	0.0	10.62	31.6					
06/06/2014	04:10:44	15	0.0	10.62	31.6					
06/06/2014	04:12:24	14	0.0	10.61	31.6					
06/06/2014	04:14:04	385	4.6	12.22	33.2					
06/06/2014	04:15:36					Start Mixing Lead Slurry				
06/06/2014	04:15:36	366	4.6	12.38	40.2					
06/06/2014	04:15:39					Pump 193 bbls Of 12.5 ppg Lead				
06/06/2014	04:15:39	355	4.6	12.39	40.4					
06/06/2014	04:15:40					685 sks Y=1.58				
06/06/2014	04:15:40					Wet Dry Samples				
06/06/2014	04:15:40					Weight 12.5 ppg				
06/06/2014	04:15:40					Good Returns				
06/06/2014	04:15:40	360	4.6	12.40	40.5					
06/06/2014	04:15:44	355	4.6	12.41	40.8					
06/06/2014	04:17:24	705	6.5	12.45	50.4					
06/06/2014	04:19:04	623	6.5	12.49	61.2					
06/06/2014	04:20:44	650	6.5	12.51	72.1					
06/06/2014	04:22:24	692	6.5	12.44	82.9					
06/06/2014	04:24:04	688	6.7	12.46	93.9					
06/06/2014	04:25:44	675	6.7	12.42	105.0					
06/06/2014	04:27:24	346	5.3	12.45	115.7					
06/06/2014	04:29:04	333	5.2	12.52	124.4					
06/06/2014	04:30:44	299	5.3	12.53	133.2					
06/06/2014	04:32:24	246	5.3	12.50	142.1					
06/06/2014	04:34:04	229	5.3	12.46	150.9					
06/06/2014	04:35:44	179	5.3	12.48	159.6					
06/06/2014	04:37:24	156	5.3	12.48	168.5					
06/06/2014	04:39:04	174	5.3	12.50	177.3					
06/06/2014	04:40:44	171	5.3	12.51	186.1					
06/06/2014	04:42:24	163	5.3	12.55	194.9					
06/06/2014	04:44:04	152	5.3	12.59	203.7					
06/06/2014	04:45:44	157	5.3	12.66	212.5					
06/06/2014	04:47:24	152	5.3	12.58	221.4					
06/06/2014	04:49:04	52	3.2	12.57	228.0					
06/06/2014	04:50:02					End Lead Slurry				
06/06/2014	04:50:02	79	3.7	12.51	231.1					
06/06/2014	04:50:44	106	3.7	14.91	233.9					
06/06/2014	04:52:24	73	2.9	15.27	239.7					
06/06/2014	04:52:32					Start Mixing Tail Slurry				
06/06/2014	04:52:32	73	3.0	15.35	240.1					

Well State Whitetail O-K-36HNB O-K-36HNB			Field Wattenberg		Job Start Jun/06/2014	Customer Bonanza Creek	Job Number 1976274
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
06/06/2014	04:52:33	71	3.0	15.35	240.1		
06/06/2014	04:52:34					185 sks Y=1.16	
06/06/2014	04:52:34					Wet Dry Samples	
06/06/2014	04:52:34					Weight 15.8 ppg	
06/06/2014	04:52:34					Good Returns	
06/06/2014	04:52:34	73	3.0	15.36	240.2		
06/06/2014	04:54:04	177	4.6	15.72	245.0		
06/06/2014	04:55:44	181	4.6	15.80	252.6		
06/06/2014	04:57:24	181	4.6	15.86	260.3		
06/06/2014	04:59:04	75	3.1	15.84	266.5		
06/06/2014	05:00:44	95	3.6	15.34	272.0		
06/06/2014	05:01:07					End Tail Slurry	
06/06/2014	05:01:07	21	3.7	15.28	273.4		
06/06/2014	05:01:17					Drop Top Plug	
06/06/2014	05:01:17	-9	0.7	15.35	273.7		
06/06/2014	05:01:22					Start Displacement	
06/06/2014	05:01:22	-9	0.6	15.38	273.7		
06/06/2014	05:02:24	-10	0.2	15.36	274.1		
06/06/2014	05:04:04	-10	0.0	15.61	274.3		
06/06/2014	05:05:44	-12	0.0	14.92	274.3		
06/06/2014	05:07:24	-11	0.0	14.77	274.3		
06/06/2014	05:09:04	124	3.5	9.23	274.6		
06/06/2014	05:10:44	42	4.6	8.43	281.6		
06/06/2014	05:12:24	32	3.6	9.14	289.2		
06/06/2014	05:14:04	31	4.5	8.47	296.0		
06/06/2014	05:15:44	34	4.8	8.37	303.4		
06/06/2014	05:17:24	46	4.4	8.41	310.9		
06/06/2014	05:19:04	4	5.1	8.35	318.9		
06/06/2014	05:20:44	-21	0.1	8.37	319.2		
06/06/2014	05:21:29					Shut Down	
06/06/2014	05:21:29					Problems Getting Mud	
06/06/2014	05:21:29					To Pump Truck	
06/06/2014	05:21:29	-22	0.1	8.40	319.3		
06/06/2014	05:22:24	27	0.1	8.45	319.4		
06/06/2014	05:24:04	54	5.0	9.77	327.4		
06/06/2014	05:25:44	51	4.6	9.96	335.7		
06/06/2014	05:27:24	-22	0.0	9.97	340.7		
06/06/2014	05:29:04	-22	0.0	9.97	340.7		
06/06/2014	05:30:44	-10	1.3	10.00	341.4		
06/06/2014	05:30:56					Start Pumping	
06/06/2014	05:30:56	25	2.5	10.01	341.8		
06/06/2014	05:32:24	62	5.0	9.94	346.5		
06/06/2014	05:34:04	9	2.5	10.07	353.4		
06/06/2014	05:35:44	13	2.4	10.08	357.0		
06/06/2014	05:37:24	52	4.9	9.97	364.7		
06/06/2014	05:39:04	35	4.0	9.98	371.8		
06/06/2014	05:40:44	43	4.0	9.98	378.5		
06/06/2014	05:42:24	259	4.2	9.97	385.1		
06/06/2014	05:44:04	367	4.4	9.97	392.3		
06/06/2014	05:45:44	434	4.3	9.96	399.5		
06/06/2014	05:47:24	530	4.4	9.96	406.9		
06/06/2014	05:49:04	429	4.4	9.96	414.2		
06/06/2014	05:50:44	558	4.5	9.95	421.6		
06/06/2014	05:52:24	543	4.5	9.94	429.1		

Well State Whitetail O-K-36HNB O-K-36HNB			Field Wattenberg		Job Start Jun/06/2014		Customer Bonanza Creek		Job Number 1976274	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
06/06/2014	05:55:44	780	4.5	9.93	444.0					
06/06/2014	05:57:24	767	4.5	9.93	451.4					
06/06/2014	05:59:04	786	4.5	9.92	458.8					
06/06/2014	06:00:44	954	4.4	9.92	466.2					
06/06/2014	06:02:24	942	4.4	9.92	473.6					
06/06/2014	06:04:04	1019	4.4	9.91	481.0					
06/06/2014	06:05:44	1158	4.4	9.91	488.4					
06/06/2014	06:07:24	1305	4.4	9.91	495.8					
06/06/2014	06:09:04	1310	4.4	9.91	503.2					
06/06/2014	06:10:44	1370	4.4	9.89	510.6					
06/06/2014	06:12:24	1483	4.4	9.91	517.9					
06/06/2014	06:14:04	1585	4.5	8.47	525.3					
06/06/2014	06:15:44	1266	2.2	8.46	529.3					
06/06/2014	06:16:25					Displace 247 bbls Of Mud				
06/06/2014	06:16:25	1282	2.2	8.46	530.8					
06/06/2014	06:16:26					Bump Top Plug 1921 psi				
06/06/2014	06:16:26					Final Circulating psi 1259				
06/06/2014	06:16:26					Floats Held				
06/06/2014	06:16:26					2 bbls Back				
06/06/2014	06:16:26					45 bbls Of Cement To Surface				
06/06/2014	06:16:26					Good Returns Throughout Job				
06/06/2014	06:16:26					Rig Down				
06/06/2014	06:16:26					End Job				
06/06/2014	06:16:26	1251	2.2	8.46	530.9					
06/06/2014	06:17:24	1909	0.0	8.44	531.8					
06/06/2014	06:19:04	1946	0.0	8.44	531.8					
06/06/2014	06:20:44	1973	0.0	8.44	531.9					
06/06/2014	06:22:24	865	0.0	8.44	531.9					
06/06/2014	06:24:04	-22	0.0	8.44	531.9					
06/06/2014	06:25:44	-26	0.0	8.44	531.9					
06/06/2014	06:27:24	-26	0.0	8.44	531.9					

Post Job Summary

Average Pump Rates,					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate		Total Slurry 231.0	Mud	Spacer 30.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum 4000	Final 1259	Average	Bump Plug to 1921	Breakdown	Type		Volume	Density	
Avg. N2 Percent		Designed Slurry Volume 231.0 bbl		Displacement 248.0 bbl		Mix Water Temp 83 degF		Cement Circulated to Surface? <input checked="" type="checkbox"/>	
						Washed Thru Perfs <input type="checkbox"/>		Volume 45.0 bbl	
								To	
Customer or Authorized Representative				Schlumberger Supervisor				Circulation Lost <input type="checkbox"/>	
Andy Gustafson				Justin Zika/Leiker				Job Completed <input checked="" type="checkbox"/>	
								-	
								-	