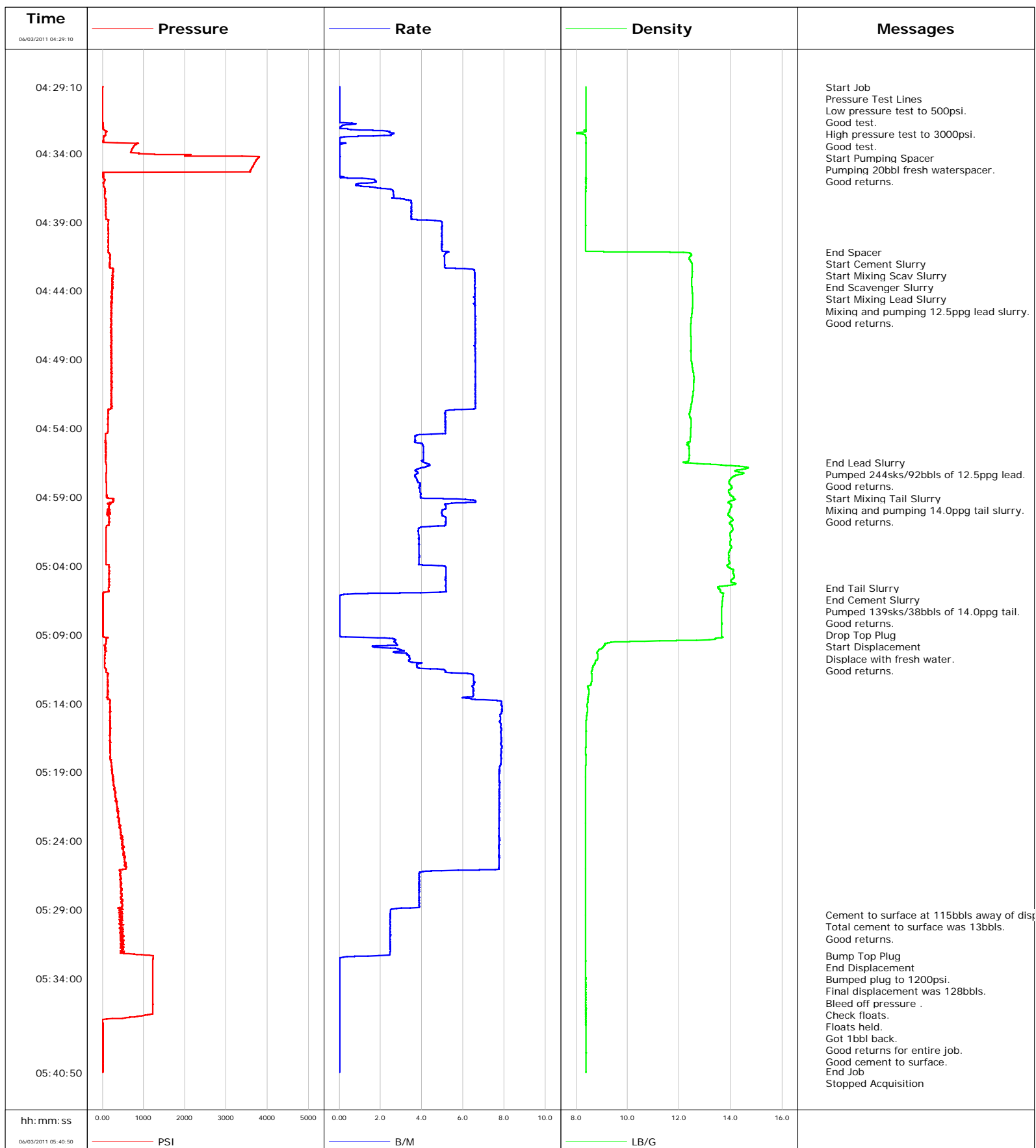


Well WF04C-25 H26 596
Field NORTH PARACHUTE
Engineer JEFF PATTERSON
Country United States

Client ENCANA
SIR No. BRWT-00069
Job Type 9 5/8" SURFACE
Job Date 06-02-2011



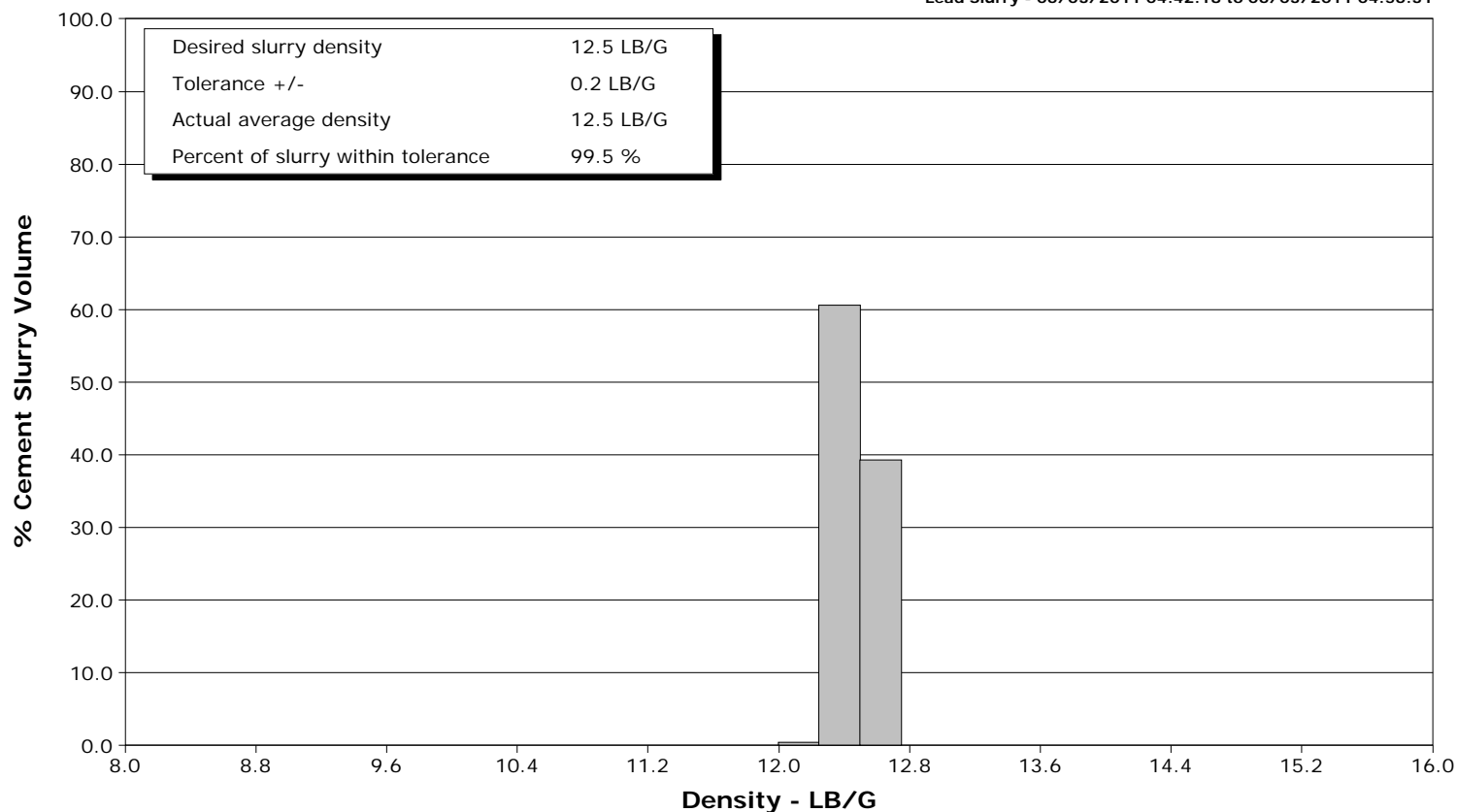
Schlumberger

Cementing Qa/Qc Density Report

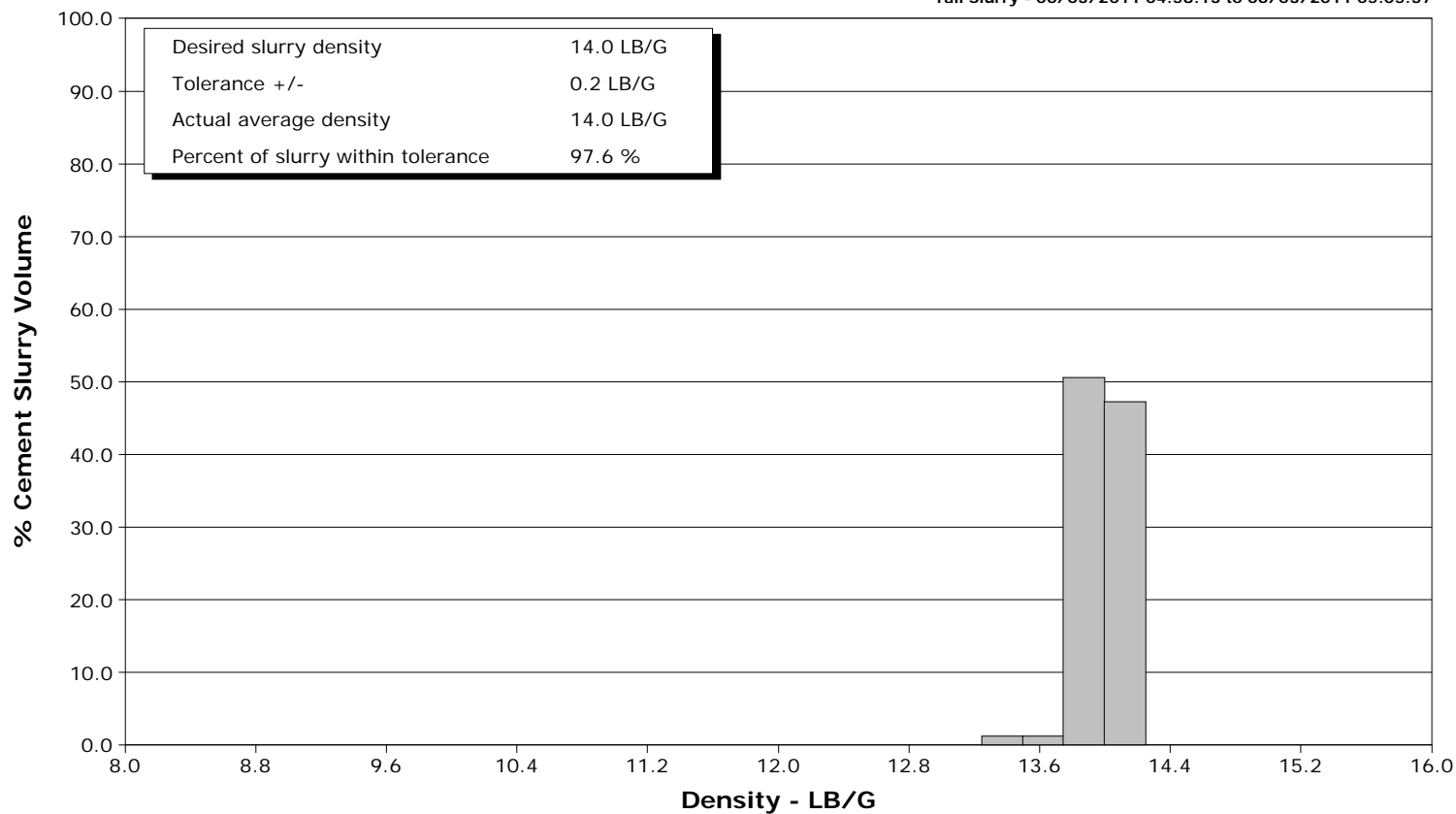
Well WF04C-25 H26 596
Field NORTH PARACHUTE
Engineer JEFF PATTERSON
Country United States

Client ENCANA
SIR No. BRWT-00069
Job Type 9 5/8" SURFACE
Job Date 06-02-2011

Lead Slurry - 06/03/2011 04:42:18 to 06/03/2011 04:56:31



Tail Slurry - 06/03/2011 04:58:13 to 06/03/2011 05:05:37



Well WF04C-25 H26 596 WF04C-25 H26 596			Field NORTH PARACHUTE	Job Start Jun/02/2011	Customer ENCANA	Job Number BRWT-00069
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
06/03/2011	04:38:54	140	4.6	8.38	9.9	
06/03/2011	04:40:34	146	5.0	8.38	18.2	
06/03/2011	04:41:10					End Spacer
06/03/2011	04:41:10	137	5.3	9.08	21.2	
06/03/2011	04:41:11					Start Cement Slurry
06/03/2011	04:41:11	137	5.3	10.62	21.2	
06/03/2011	04:41:12					Start Mixing Scav Slurry
06/03/2011	04:41:12	138	5.3	11.65	21.3	
06/03/2011	04:42:14	172	5.1	12.50	26.6	
06/03/2011	04:42:17					End Scavenger Slurry
06/03/2011	04:42:17	178	5.1	12.50	26.9	
06/03/2011	04:42:18					Start Mixing Lead Slurry
06/03/2011	04:42:18	178	5.1	12.50	27.0	
06/03/2011	04:42:19					Mixing and pumping 12.5ppg lead slurry.
06/03/2011	04:42:19	184	5.1	12.50	27.0	
06/03/2011	04:42:20					Good returns.
06/03/2011	04:42:20	186	5.1	12.50	27.1	
06/03/2011	04:43:54	234	6.6	12.50	37.3	
06/03/2011	04:45:34	221	6.6	12.50	48.3	
06/03/2011	04:47:14	220	6.6	12.46	59.3	
06/03/2011	04:48:54	223	6.6	12.47	70.3	
06/03/2011	04:50:34	212	6.6	12.57	81.3	
06/03/2011	04:52:14	213	6.6	12.48	92.3	
06/03/2011	04:53:54	133	5.1	12.46	101.5	
06/03/2011	04:55:34	83	4.1	12.39	108.6	
06/03/2011	04:56:31					End Lead Slurry
06/03/2011	04:56:31	89	4.1	12.16	112.4	
06/03/2011	04:56:35					Pumped 244sks/92bbbls of 12.5ppg lead.
06/03/2011	04:56:35					Good returns.
06/03/2011	04:56:35	92	4.3	12.70	112.7	
06/03/2011	04:57:14	97	3.8	14.45	115.3	
06/03/2011	04:58:13					Start Mixing Tail Slurry
06/03/2011	04:58:13	98	3.9	14.02	119.1	
06/03/2011	04:58:14					Mixing and pumping 14.0ppg tail slurry.
06/03/2011	04:58:14	98	3.9	14.03	119.1	
06/03/2011	04:58:15					Good returns.
06/03/2011	04:58:15	96	3.9	14.04	119.2	
06/03/2011	04:58:54	102	3.9	14.03	121.7	
06/03/2011	05:00:34	169	5.2	14.05	130.4	
06/03/2011	05:02:14	92	3.9	13.98	137.5	
06/03/2011	05:03:54	93	3.9	13.91	144.0	
06/03/2011	05:05:34	156	5.2	13.49	152.5	
06/03/2011	05:05:37					End Tail Slurry
06/03/2011	05:05:37	146	5.2	13.50	152.8	
06/03/2011	05:05:38					End Cement Slurry
06/03/2011	05:05:38	146	5.2	13.52	152.9	
06/03/2011	05:05:40					Pumped 139sks/38bbbls of 14.0ppg tail.
06/03/2011	05:05:40					Good returns.
06/03/2011	05:05:40	145	5.2	13.54	153.0	
06/03/2011	05:05:44					Drop Top Plug
06/03/2011	05:05:44	146	5.2	13.57	153.4	
06/03/2011	05:05:45					Start Displacement
06/03/2011	05:05:45	146	5.2	13.59	153.5	
06/03/2011	05:05:46					Displace with fresh water.

Well WF04C-25 H26 596 WF04C-25 H26 596			Field NORTH PARACHUTE		Job Start Jun/02/2011	Customer ENCANA	Job Number BRWT-00069
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
06/03/2011	05:05:46	148	5.2	13.59	153.6		
06/03/2011	05:07:14	2	0.0	13.65	154.7		
06/03/2011	05:08:54	9	0.0	13.64	154.7		
06/03/2011	05:10:34	58	3.4	8.84	158.4		
06/03/2011	05:12:14	128	6.5	8.61	166.1		
06/03/2011	05:13:54	185	7.9	8.46	177.1		
06/03/2011	05:15:34	192	7.8	8.40	190.2		
06/03/2011	05:17:14	187	7.9	8.37	203.2		
06/03/2011	05:18:54	239	7.8	8.38	216.3		
06/03/2011	05:20:34	302	7.8	8.38	229.2		
06/03/2011	05:22:14	377	7.8	8.38	242.2		
06/03/2011	05:23:54	478	7.8	8.38	255.1		
06/03/2011	05:25:34	543	7.8	8.38	268.0		
06/03/2011	05:27:14	455	3.9	8.38	276.8		
06/03/2011	05:28:54	378	3.0	8.38	283.2		
06/03/2011	05:29:24					Cement to surface at 115bbls away of displacement.	
06/03/2011	05:29:24	408	2.5	8.38	284.5		
06/03/2011	05:29:25					Total cement to surface was 13bbls.	
06/03/2011	05:29:25	422	2.5	8.38	284.5		
06/03/2011	05:30:10					Good returns.	
06/03/2011	05:30:10	438	2.5	8.38	286.4		
06/03/2011	05:30:34	436	2.5	8.38	287.3		
06/03/2011	05:32:14	770	2.5	8.38	291.5		
06/03/2011	05:32:21					Bump Top Plug	
06/03/2011	05:32:21	1194	1.9	8.38	291.7		
06/03/2011	05:32:22					End Displacement	
06/03/2011	05:32:22	1229	1.9	8.38	291.8		
06/03/2011	05:32:25					Bumped plug to 1200psi.	
06/03/2011	05:32:25					Final displacement was 128bbls.	
06/03/2011	05:32:25					Bleed off pressure .	
06/03/2011	05:32:25					Check floats.	
06/03/2011	05:32:25					Floats held.	
06/03/2011	05:32:25					Got 1bbl back.	
06/03/2011	05:32:25	1231	0.7	8.38	291.8		
06/03/2011	05:32:26					Good returns for entire job.	
06/03/2011	05:32:26					Good cement to surface.	
06/03/2011	05:32:26	1231	0.4	8.38	291.8		
06/03/2011	05:33:54	1223	0.0	8.38	291.9		
06/03/2011	05:35:34	1225	0.0	8.38	291.9		
06/03/2011	05:37:14	0	0.0	8.38	291.9		
06/03/2011	05:38:54	1	0.0	8.38	291.9		
06/03/2011	05:40:34	1	0.0	8.38	291.9		
06/03/2011	05:40:46					End Job	
06/03/2011	05:40:46	1	0.0	8.38	291.9		

Well WF04C-25 H26 596 WF04C-25 H26 596	Field NORTH PARACHUTE	Job Start Jun/02/2011	Customer ENCANA	Job Number BRWT-00069
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 6.0	N2	Mud	Maximum Rate 6.0	Total Slurry 130.0	Mud	Spacer 20.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 3000	Final 1200	Average 200	Bump Plug to 1200	Breakdown	Type	Volume	Density	
Avg. N2 Percent	Designed Slurry Volume 130.0 bbl		Displacement 129.0 bbl	Mix Water Temp 65 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 13.0 bbl		
					Washed Thru Perfs <input type="checkbox"/>	To		
Customer or Authorized Representative FLOYD ROBERTS			Schlumberger Supervisor JEFF PATTERSON			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
						-	-	