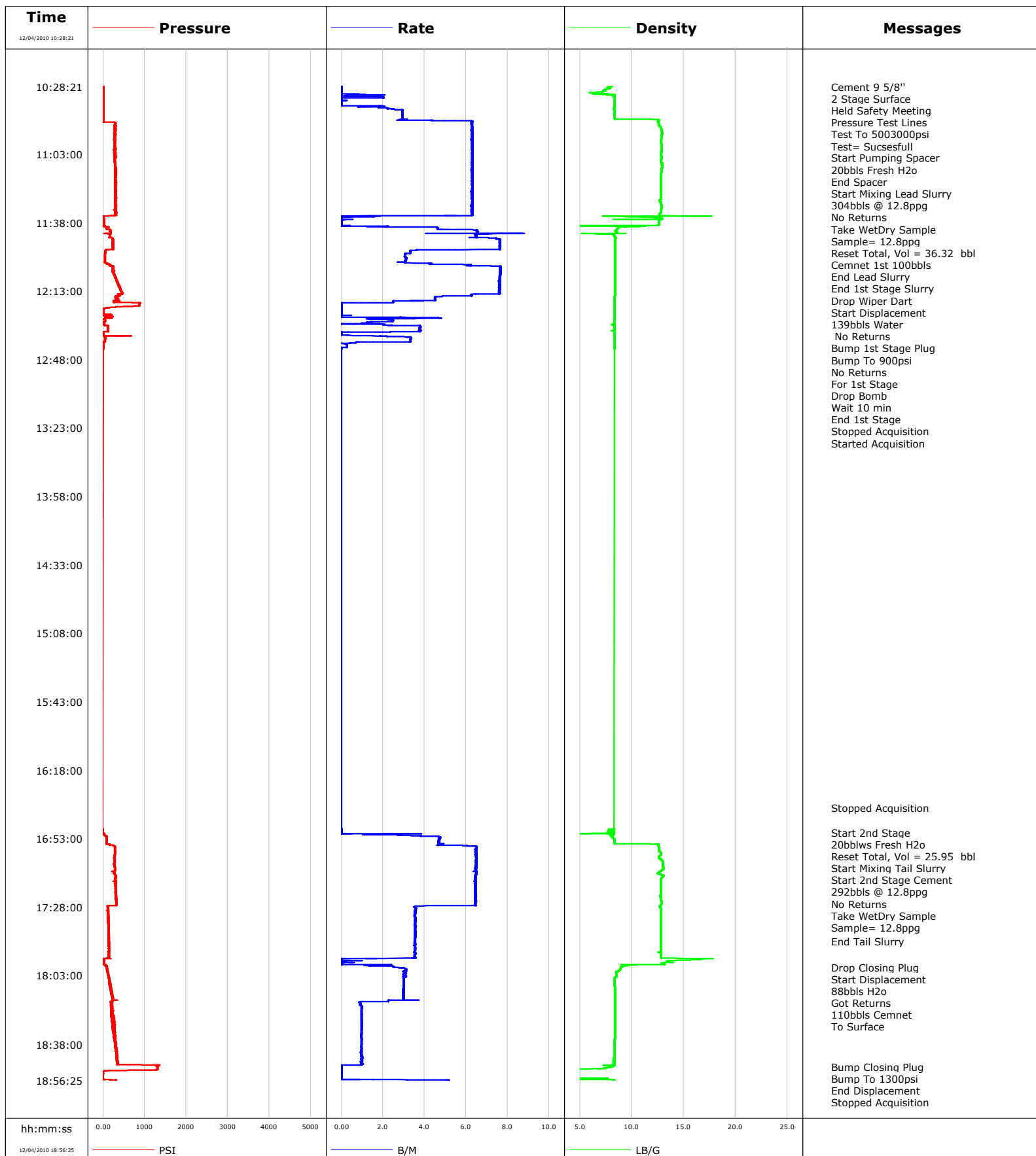


Well	RGU-332-14-298	Client	WILLIAMS
Field	RYAN GULCH	SIR No.	BJ90-00091
Engineer		Job Type	2 STAGE SURFACE
Country	United States	Job Date	12-04-2010



Cementing Service Report

				Customer			Job Number						
Well RGU-332-14-298			Location (legal)			Schlumberger Location			Job Start Dec/04/2010				
Field		Formation Name/Type			Deviation		Bit Size		Well MD		Well TVD		
County		State/Province			BHP		BHST		BHCT		Pore Press. Gradient		
Well Master		API/UWI											
Rig Name		Drilled For Gas		Service Via Land		Casing/Liner							
						Depth,		Size,		Weight,		Grade Thread	
Offshore Zone		Well Class		Well Type									
Drilling Fluid Type		Max. Density		Plastic Viscosity		Tubing/Drill Pipe							
						Depth,		Size,		Weight,		Grade Thread	
Service Line Cementing		Job Type											
Max. Allowed Tub. Press		Max. Allowed Ann. Press		WH Connection		Perforations/Open Hole							
						Top,		Bottom,				No. of Shots Total Interval	
												Diameter	
						Treat Down Casing		Displacement		Packer Type		Packer Depth	
						Tubing Vol.		Casing Vol. 243.0 bbl		Annular Vol. 242.0 bbl		Openhole Vol.	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input type="checkbox"/>				Casing Tools				Squeeze Job			
Lift Pressure 1549 psi						Shoe Type Guide				Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth				Tool Type			
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type				Tool Depth			
Cement Head Type Single						Stage Tool Depth				Tail Pipe Size			
Job Scheduled For Dec/04/2010		Arrived on Location Dec/04/2010		Leave Location Dec/04/2010		Collar Type Diff-Fill				Tail Pipe Depth			
						Collar Depth				Sqz. Total Vol.			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message							
01/01/1970	00:00:00					Started Acquisition							
12/04/2010	08:54:24					Started Acquisition							
12/04/2010	10:28:21					Cement 9 5/8"							
12/04/2010	10:28:21					2 Stage Surface							
12/04/2010	10:28:21					Held Safety Meeting							
12/04/2010	10:28:21	0	0.0	8.05	0.0								
12/04/2010	10:28:23					Pressure Test Lines							
12/04/2010	10:28:23	0	0.0	7.94	0.0								
12/04/2010	10:28:24					Test To 5003000psi							
12/04/2010	10:28:24	0	0.0	7.94	0.0								
12/04/2010	10:28:25					Test= Sucsesfull							
12/04/2010	10:28:25	0	0.0	7.97	0.0								
12/04/2010	10:28:30	0	0.0	8.05	0.0								
12/04/2010	10:29:00	0	0.0	7.82	0.0								
12/04/2010	10:29:30	0	0.0	7.86	0.0								
12/04/2010	10:30:00	0	0.0	7.53	0.0								
12/04/2010	10:30:30	0	0.0	7.49	0.0								
12/04/2010	10:31:00	0	0.0	7.26	0.0								
12/04/2010	10:31:30	0	0.0	6.39	0.0								
12/04/2010	10:32:00	0	0.0	6.23	0.0								
12/04/2010	10:32:30	0	1.1	8.11	0.1								

Well RGU-332-14-298			Field		Job Start Dec/04/2010	Customer	Job Number
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
12/04/2010	10:33:30	0	0.0	8.34	0.6		
12/04/2010	10:34:00	0	2.0	8.31	1.5		
12/04/2010	10:34:30	0	0.0	8.34	2.1		
12/04/2010	10:35:00	0	0.0	8.34	2.1		
12/04/2010	10:35:30	0	0.0	8.34	2.1		
12/04/2010	10:36:00	0	0.0	8.34	2.2		
12/04/2010	10:36:30	0	0.0	8.34	2.2		
12/04/2010	10:37:00	0	0.0	8.34	2.2		
12/04/2010	10:37:30	0	0.0	8.34	2.2		
12/04/2010	10:38:00	0	0.0	8.34	2.2		
12/04/2010	10:38:30	0	2.0	8.33	2.5		
12/04/2010	10:39:00	0	1.8	8.33	3.3		
12/04/2010	10:39:30	0	2.2	8.26	4.3		
12/04/2010	10:40:00	0	2.4	8.30	5.4		
12/04/2010	10:40:30	0	2.9	8.33	6.7		
12/04/2010	10:40:32					Start Pumping Spacer	
12/04/2010	10:40:32	0	2.9	8.33	6.8		
12/04/2010	10:40:34					20bbls Fresh H2o	
12/04/2010	10:40:34	0	2.9	8.33	6.9		
12/04/2010	10:41:00	0	2.9	8.33	8.2		
12/04/2010	10:41:30	0	2.9	8.34	9.6		
12/04/2010	10:42:00	0	2.9	8.34	11.1		
12/04/2010	10:42:30	0	2.9	8.34	12.6		
12/04/2010	10:43:00	0	2.9	8.34	14.0		
12/04/2010	10:43:30	0	2.9	8.33	15.5		
12/04/2010	10:44:00	0	2.9	8.34	17.0		
12/04/2010	10:44:30	0	2.9	8.34	18.4		
12/04/2010	10:45:00	0	2.9	8.34	19.9		
12/04/2010	10:45:30	0	2.9	12.52	21.4		
12/04/2010	10:46:00	0	6.2	12.58	23.5		
12/04/2010	10:46:30	0	6.3	12.52	26.6		
12/04/2010	10:47:00	284	6.3	12.55	29.7		
12/04/2010	10:47:14					End Spacer	
12/04/2010	10:47:14	299	6.3	12.57	31.2		
12/04/2010	10:47:30	300	6.3	12.59	32.9		
12/04/2010	10:47:56					Start Mixing Lead Slurry	
12/04/2010	10:47:56	281	6.3	12.62	35.6		
12/04/2010	10:47:57					304bbls @ 12.8ppg	
12/04/2010	10:47:57					No Returns	
12/04/2010	10:47:57					Take WetDry Sample	
12/04/2010	10:47:57	281	6.3	12.62	35.7		
12/04/2010	10:47:58					Sample= 12.8ppg	
12/04/2010	10:47:58	309	6.3	12.63	35.8		
12/04/2010	10:48:00	279	6.3	12.63	36.0		
12/04/2010	10:48:03					Reset Total, Vol = 36.32 bbl	
12/04/2010	10:48:03	279	6.3	12.63	36.3		
12/04/2010	10:48:30	314	6.3	12.67	39.1		
12/04/2010	10:49:00	266	6.3	12.73	42.3		
12/04/2010	10:49:30	288	6.3	12.79	45.4		
12/04/2010	10:50:00	276	6.3	12.83	48.6		
12/04/2010	10:50:30	282	6.3	12.86	51.7		
12/04/2010	10:51:00	311	6.3	12.88	54.8		
12/04/2010	10:51:30	279	6.3	12.90	58.0		
12/04/2010	10:52:00	284	6.3	12.91	61.1		

Well			Field		Job Start	Customer	Job Number
RGU-332-14-298					Dec/04/2010		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
12/04/2010	10:53:00	278	6.3	12.90	67.4		
12/04/2010	10:53:30	296	6.3	12.89	70.6		
12/04/2010	10:54:00	265	6.3	12.88	73.7		
12/04/2010	10:54:30	276	6.3	12.88	76.8		
12/04/2010	10:55:00	281	6.3	12.87	80.0		
12/04/2010	10:55:30	274	6.2	12.85	83.1		
12/04/2010	10:56:00	290	6.3	12.85	86.3		
12/04/2010	10:56:30	277	6.3	12.85	89.4		
12/04/2010	10:57:00	287	6.3	12.85	92.6		
12/04/2010	10:57:30	282	6.3	12.84	95.7		
12/04/2010	10:58:00	289	6.3	12.86	98.8		
12/04/2010	10:58:30	284	6.3	12.87	102.0		
12/04/2010	10:59:00	283	6.3	12.86	105.1		
12/04/2010	10:59:30	289	6.3	12.88	108.3		
12/04/2010	11:00:00	281	6.3	12.88	111.4		
12/04/2010	11:00:30	284	6.3	12.87	114.6		
12/04/2010	11:01:00	262	6.3	12.86	117.7		
12/04/2010	11:01:30	271	6.3	12.86	120.8		
12/04/2010	11:02:00	295	6.3	12.85	124.0		
12/04/2010	11:02:30	273	6.3	12.85	127.1		
12/04/2010	11:03:00	273	6.3	12.85	130.3		
12/04/2010	11:03:30	291	6.3	12.85	133.4		
12/04/2010	11:04:00	262	6.3	12.86	136.6		
12/04/2010	11:04:30	279	6.3	12.86	139.7		
12/04/2010	11:05:00	286	6.3	12.86	142.9		
12/04/2010	11:05:30	280	6.3	12.86	146.0		
12/04/2010	11:06:00	289	6.3	12.82	149.1		
12/04/2010	11:06:30	285	6.3	12.78	152.3		
12/04/2010	11:06:40					Cemnet 1st 100bbls	
12/04/2010	11:06:40	282	6.3	12.78	153.3		
12/04/2010	11:07:00	281	6.3	12.80	155.4		
12/04/2010	11:07:30	292	6.3	12.89	158.6		
12/04/2010	11:08:00	294	6.3	12.91	161.7		
12/04/2010	11:08:30	292	6.3	12.90	164.9		
12/04/2010	11:09:00	292	6.3	12.91	168.0		
12/04/2010	11:09:30	298	6.3	12.92	171.2		
12/04/2010	11:10:00	290	6.3	12.91	174.3		
12/04/2010	11:10:30	296	6.3	12.89	177.5		
12/04/2010	11:11:00	290	6.3	12.89	180.6		
12/04/2010	11:11:30	294	6.3	12.87	183.7		
12/04/2010	11:12:00	308	6.3	12.86	186.9		
12/04/2010	11:12:30	303	6.3	12.84	190.0		
12/04/2010	11:13:00	303	6.3	12.83	193.2		
12/04/2010	11:13:30	307	6.3	12.82	196.3		
12/04/2010	11:14:00	304	6.3	12.82	199.5		
12/04/2010	11:14:30	306	6.3	12.81	202.6		
12/04/2010	11:15:00	286	6.3	12.81	205.8		
12/04/2010	11:15:30	282	6.3	12.80	208.9		
12/04/2010	11:16:00	293	6.3	12.80	212.1		
12/04/2010	11:16:30	298	6.3	12.79	215.2		
12/04/2010	11:17:00	283	6.3	12.79	218.4		
12/04/2010	11:17:30	300	6.3	12.81	221.5		
12/04/2010	11:18:00	295	6.3	12.81	224.7		
12/04/2010	11:18:30	310	6.3	12.81	227.8		

Well			Field		Job Start		Customer		Job Number	
RGU-332-14-298					Dec/04/2010					
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
12/04/2010	11:19:30	306	6.3	12.80	234.1					
12/04/2010	11:20:00	295	6.3	12.80	237.3					
12/04/2010	11:20:30	287	6.3	12.80	240.4					
12/04/2010	11:21:00	287	6.3	12.81	243.6					
12/04/2010	11:21:30	307	6.3	12.81	246.7					
12/04/2010	11:22:00	298	6.3	12.82	249.9					
12/04/2010	11:22:30	305	6.3	12.83	253.0					
12/04/2010	11:23:00	299	6.3	12.83	256.1					
12/04/2010	11:23:30	298	6.3	12.80	259.3					
12/04/2010	11:24:00	293	6.3	12.80	262.4					
12/04/2010	11:24:30	296	6.3	12.82	265.6					
12/04/2010	11:25:00	306	6.3	12.83	268.7					
12/04/2010	11:25:30	304	6.3	12.83	271.9					
12/04/2010	11:26:00	300	6.3	12.80	275.0					
12/04/2010	11:26:30	301	6.3	12.72	278.2					
12/04/2010	11:27:00	293	6.3	12.71	281.3					
12/04/2010	11:27:30	306	6.3	12.78	284.5					
12/04/2010	11:28:00	300	6.3	12.81	287.6					
12/04/2010	11:28:30	298	6.3	12.83	290.8					
12/04/2010	11:29:00	296	6.3	12.85	293.9					
12/04/2010	11:29:30	308	6.3	12.87	297.1					
12/04/2010	11:30:00	314	6.3	12.88	300.2					
12/04/2010	11:30:30	293	6.3	12.86	303.3					
12/04/2010	11:31:00	309	6.3	12.85	306.5					
12/04/2010	11:31:30					End Lead Slurry				
12/04/2010	11:31:30	294	6.3	12.85	309.6					
12/04/2010	11:31:32					End 1st Stage Slurry				
12/04/2010	11:31:32	293	6.3	12.86	309.8					
12/04/2010	11:31:49					Drop Wiper Dart				
12/04/2010	11:31:49	298	6.3	12.86	311.6					
12/04/2010	11:32:00	298	6.3	12.85	312.8					
12/04/2010	11:32:30	312	6.3	12.84	315.9					
12/04/2010	11:33:00	304	6.3	12.84	319.1					
12/04/2010	11:33:30	291	6.3	12.68	322.2					
12/04/2010	11:34:00	291	6.3	12.69	325.3					
12/04/2010	11:34:30	194	5.3	12.65	328.5					
12/04/2010	11:35:00	11	1.6	10.09	329.4					
12/04/2010	11:35:30	12	0.0	12.86	329.5					
12/04/2010	11:36:00	11	0.0	12.92	329.5					
12/04/2010	11:36:30	15	0.1	12.79	329.6					
12/04/2010	11:37:00	15	0.0	12.63	329.6					
12/04/2010	11:37:30	15	0.0	12.65	329.6					
12/04/2010	11:38:00	15	0.0	12.64	329.6					
12/04/2010	11:38:30	13	0.0	12.63	329.6					
12/04/2010	11:38:40					Start Displacement				
12/04/2010	11:38:40	14	0.0	12.63	329.6					
12/04/2010	11:38:43					139bbls Water				
12/04/2010	11:38:43					No Returns				
12/04/2010	11:38:43	14	0.0	12.63	329.6					
12/04/2010	11:39:00	15	0.0	12.62	329.6					
12/04/2010	11:39:30	14	0.0	12.54	329.6					
12/04/2010	11:40:00	48	2.2	10.80	329.9					
12/04/2010	11:40:30	112	4.6	8.79	331.3					
12/04/2010	11:41:00	92	4.6	8.65	333.6					

Well			Field		Job Start	Customer	Job Number
RGU-332-14-298					Dec/04/2010		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
12/04/2010	11:42:00	175	6.5	8.50	338.9		
12/04/2010	11:42:30	169	6.5	8.43	342.1		
12/04/2010	11:43:00	169	6.5	8.58	345.4		
12/04/2010	11:43:30	174	6.5	8.52	348.6		
12/04/2010	11:44:00	160	6.4	8.14	352.1		
12/04/2010	11:44:30	159	6.5	8.28	355.3		
12/04/2010	11:45:00	162	6.5	8.34	358.6		
12/04/2010	11:45:30	161	6.5	8.35	361.8		
12/04/2010	11:46:00	218	7.5	8.43	365.2		
12/04/2010	11:46:30	243	7.6	8.42	369.0		
12/04/2010	11:47:00	236	7.6	8.42	372.8		
12/04/2010	11:47:30	242	7.6	8.42	376.6		
12/04/2010	11:48:00	239	7.6	8.42	380.4		
12/04/2010	11:48:30	237	7.6	8.42	384.2		
12/04/2010	11:49:00	235	7.6	8.42	388.0		
12/04/2010	11:49:30	241	7.6	8.42	391.8		
12/04/2010	11:50:00	234	7.6	8.42	395.6		
12/04/2010	11:50:30	241	7.6	8.42	399.5		
12/04/2010	11:51:00	241	7.6	8.42	403.3		
12/04/2010	11:51:30	245	7.6	8.42	407.1		
12/04/2010	11:52:00	76	4.0	8.42	410.6		
12/04/2010	11:52:30	54	3.3	8.42	412.4		
12/04/2010	11:53:00	52	3.3	8.42	414.0		
12/04/2010	11:53:30	50	3.3	8.42	415.7		
12/04/2010	11:54:00	45	3.1	8.42	417.3		
12/04/2010	11:54:30	44	3.1	8.42	418.8		
12/04/2010	11:55:00	44	3.1	8.42	420.4		
12/04/2010	11:55:30	43	3.1	8.42	421.9		
12/04/2010	11:56:00	44	3.1	8.42	423.4		
12/04/2010	11:56:30	44	3.1	8.42	425.0		
12/04/2010	11:57:00	44	3.1	8.42	426.5		
12/04/2010	11:57:30	44	3.1	8.42	428.1		
12/04/2010	11:58:00	44	3.1	8.42	429.6		
12/04/2010	11:58:30	45	3.1	8.42	431.1		
12/04/2010	11:59:00	106	4.3	8.42	432.9		
12/04/2010	11:59:30	164	6.0	8.42	435.4		
12/04/2010	12:00:00	167	6.2	8.42	438.5		
12/04/2010	12:00:30	243	7.6	8.42	442.0		
12/04/2010	12:01:00	237	7.7	8.42	445.8		
12/04/2010	12:01:30	238	7.7	8.42	449.6		
12/04/2010	12:02:00	245	7.7	8.42	453.5		
12/04/2010	12:02:30	238	7.6	8.42	457.3		
12/04/2010	12:03:00	236	7.7	8.42	461.1		
12/04/2010	12:03:30	245	7.6	8.42	464.9		
12/04/2010	12:04:00	254	7.6	8.42	468.7		
12/04/2010	12:04:30	263	7.6	8.42	472.6		
12/04/2010	12:05:00	274	7.6	8.42	476.4		
12/04/2010	12:05:30	281	7.6	8.42	480.2		
12/04/2010	12:06:00	302	7.6	8.42	484.0		
12/04/2010	12:06:30	310	7.6	8.42	487.8		
12/04/2010	12:07:00	314	7.6	8.42	491.6		
12/04/2010	12:07:30	326	7.6	8.42	495.4		
12/04/2010	12:08:00	332	7.6	8.42	499.2		
12/04/2010	12:08:30	343	7.6	8.42	503.0		

Well			Field		Job Start		Customer		Job Number	
RGU-332-14-298					Dec/04/2010					
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
12/04/2010	12:09:30	361	7.6	8.42	510.7					
12/04/2010	12:10:00	377	7.6	8.42	514.5					
12/04/2010	12:10:30	383	7.6	8.42	518.3					
12/04/2010	12:11:00	396	7.6	8.42	522.1					
12/04/2010	12:11:30	398	7.6	8.42	525.9					
12/04/2010	12:12:00	417	7.6	8.42	529.7					
12/04/2010	12:12:30	415	7.6	8.42	533.5					
12/04/2010	12:13:00	435	7.6	8.42	537.3					
12/04/2010	12:13:30	448	7.6	8.42	541.1					
12/04/2010	12:14:00	455	7.6	8.42	544.9					
12/04/2010	12:14:30	464	7.6	8.42	548.7					
12/04/2010	12:15:00	385	6.3	8.42	552.0					
12/04/2010	12:15:30	391	6.3	8.42	555.1					
12/04/2010	12:16:00	310	4.5	8.35	557.6					
12/04/2010	12:16:30	338	4.5	8.35	559.9					
12/04/2010	12:17:00	338	4.5	8.35	562.2					
12/04/2010	12:17:30	329	4.5	8.36	564.4					
12/04/2010	12:18:00	265	3.3	8.35	566.5					
12/04/2010	12:18:30	254	2.5	8.35	567.8					
12/04/2010	12:19:00	730	2.5	8.35	569.0					
12/04/2010	12:19:30	867	0.0	8.35	569.3					
12/04/2010	12:19:43					Bump 1st Stage Plug				
12/04/2010	12:19:43					Bump To 900psi				
12/04/2010	12:19:43	866	0.0	8.35	569.3					
12/04/2010	12:20:00	866	0.0	8.35	569.3					
12/04/2010	12:20:07					No Returns				
12/04/2010	12:20:07	870	0.0	8.35	569.3					
12/04/2010	12:20:16					For 1st Stage				
12/04/2010	12:20:16	867	0.0	8.35	569.3					
12/04/2010	12:20:30	866	0.0	8.35	569.3					
12/04/2010	12:21:00	499	0.0	8.35	569.3					
12/04/2010	12:21:30	173	0.0	8.35	569.3					
12/04/2010	12:22:00	4	0.0	8.35	569.3					
12/04/2010	12:22:30	4	0.0	8.35	569.3					
12/04/2010	12:23:00	5	0.0	8.35	569.3					
12/04/2010	12:23:30	5	0.0	8.35	569.3					
12/04/2010	12:24:00	5	0.0	8.35	569.3					
12/04/2010	12:24:30	5	0.0	8.36	569.3					
12/04/2010	12:25:00	157	0.0	8.36	569.3					
12/04/2010	12:25:30	3	0.1	8.36	569.3					
12/04/2010	12:26:00	226	0.0	8.35	569.3					
12/04/2010	12:26:30	58	2.8	8.36	569.6					
12/04/2010	12:27:00	199	4.8	8.35	571.6					
12/04/2010	12:27:30	35	2.1	8.35	572.8					
12/04/2010	12:27:36					Drop Bomb				
12/04/2010	12:27:36					Wait 10 min				
12/04/2010	12:27:36	36	2.3	8.35	573.0					
12/04/2010	12:28:00	47	2.5	8.35	574.0					
12/04/2010	12:28:30	47	2.5	8.35	575.2					
12/04/2010	12:29:00	13	1.2	8.35	576.1					
12/04/2010	12:29:30	10	1.0	8.35	576.8					
12/04/2010	12:30:00	27	1.8	8.18	577.2					
12/04/2010	12:30:30	48	2.4	8.27	578.3					
12/04/2010	12:31:00	113	3.8	8.35	579.9					

Well			Field		Job Start		Customer		Job Number	
RGU-332-14-298					Dec/04/2010					
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
12/04/2010	12:32:00	117	3.8	8.35	583.7					
12/04/2010	12:32:30	111	3.8	8.35	585.6					
12/04/2010	12:33:00	117	3.8	8.28	587.4					
12/04/2010	12:33:30	117	3.8	8.35	589.3					
12/04/2010	12:34:00	-1	1.0	8.35	591.0					
12/04/2010	12:34:30	3	0.0	8.35	591.0					
12/04/2010	12:35:00	3	0.0	8.35	591.0					
12/04/2010	12:35:30	4	0.0	8.35	591.0					
12/04/2010	12:36:00	27	1.9	8.34	591.4					
12/04/2010	12:36:30	46	3.2	8.35	592.6					
12/04/2010	12:37:00	47	3.3	8.35	594.3					
12/04/2010	12:37:30	48	3.3	8.35	595.9					
12/04/2010	12:38:00	48	3.3	8.35	597.6					
12/04/2010	12:38:30	47	3.3	8.35	599.3					
12/04/2010	12:39:00	46	3.3	8.35	600.9					
12/04/2010	12:39:30	3	0.7	8.35	601.5					
12/04/2010	12:40:00	4	0.2	8.35	601.6					
12/04/2010	12:40:30	4	0.2	8.35	601.8					
12/04/2010	12:41:00	4	0.2	8.35	601.9					
12/04/2010	12:41:30	4	0.2	8.35	602.0					
12/04/2010	12:42:00	4	0.0	8.35	602.1					
12/04/2010	12:42:22					End 1st Stage				
12/04/2010	12:42:22	3	0.0	8.35	602.1					
12/04/2010	12:42:30	4	0.0	8.35	602.1					
12/04/2010	16:48:00	-2	0.0	8.28	0.0					
12/04/2010	16:48:30	-3	0.0	8.05	0.0					
12/04/2010	16:49:00	-3	0.0	8.08	0.0					
12/04/2010	16:49:30	-1	0.0	8.23	0.0					
12/04/2010	16:49:48					Start 2nd Stage				
12/04/2010	16:49:48	-2	0.0	8.07	0.0					
12/04/2010	16:49:49					20bblws Fresh H2o				
12/04/2010	16:49:49	-2	0.0	8.03	0.0					
12/04/2010	16:50:00	-2	0.0	7.68	0.0					
12/04/2010	16:50:30	13	0.0	2.10	0.0					
12/04/2010	16:51:00	21	1.9	7.97	1.0					
12/04/2010	16:51:30	56	3.8	7.97	2.5					
12/04/2010	16:52:00	82	4.7	8.12	4.6					
12/04/2010	16:52:30	79	4.8	8.17	7.0					
12/04/2010	16:53:00	81	4.7	8.29	9.3					
12/04/2010	16:53:30	80	4.7	8.32	11.7					
12/04/2010	16:54:00	75	4.7	8.34	14.0					
12/04/2010	16:54:30	81	4.7	8.34	16.4					
12/04/2010	16:55:00	80	4.7	8.33	18.7					
12/04/2010	16:55:30	77	4.7	8.33	21.1					
12/04/2010	16:56:00	159	4.7	12.55	23.4					
12/04/2010	16:56:30					Reset Total, Vol = 25.95 bbl				
12/04/2010	16:56:30	266	6.0	12.55	25.9					
12/04/2010	16:57:00	282	6.5	12.59	29.1					
12/04/2010	16:57:20					Start Mixing Tail Slurry				
12/04/2010	16:57:20	284	6.5	12.60	31.3					
12/04/2010	16:57:21					Start 2nd Stage Cement				
12/04/2010	16:57:21					292bbls @ 12.8ppg				
12/04/2010	16:57:21					No Returns				
12/04/2010	16:57:21					Take WetDry Sample				

Well			Field		Job Start	Customer	Job Number
RGU-332-14-298					Dec/04/2010		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
12/04/2010	16:57:21	284	6.5	12.60	31.4		
12/04/2010	16:57:30	286	6.5	12.60	32.3		
12/04/2010	16:58:00	287	6.5	12.59	35.6		
12/04/2010	16:58:30	278	6.5	12.60	38.8		
12/04/2010	16:59:00	288	6.5	12.65	42.1		
12/04/2010	16:59:30	289	6.5	12.70	45.3		
12/04/2010	17:00:00	289	6.5	12.76	48.5		
12/04/2010	17:00:30	290	6.5	12.81	51.8		
12/04/2010	17:01:00	284	6.5	12.79	55.0		
12/04/2010	17:01:30	272	6.5	12.74	58.2		
12/04/2010	17:02:00	272	6.5	12.67	61.5		
12/04/2010	17:02:30	269	6.5	12.65	64.7		
12/04/2010	17:03:00	271	6.5	12.66	68.0		
12/04/2010	17:03:30	272	6.5	12.77	71.2		
12/04/2010	17:04:00	276	6.5	12.89	74.5		
12/04/2010	17:04:30	272	6.5	13.00	77.7		
12/04/2010	17:05:00	274	6.5	13.00	80.9		
12/04/2010	17:05:30	272	6.5	12.98	84.2		
12/04/2010	17:06:00	265	6.5	12.98	87.4		
12/04/2010	17:06:30	279	6.5	12.98	90.7		
12/04/2010	17:07:00	270	6.5	12.99	93.9		
12/04/2010	17:07:30	280	6.5	13.04	97.1		
12/04/2010	17:08:00	284	6.5	13.09	100.4		
12/04/2010	17:08:30	291	6.5	13.03	103.6		
12/04/2010	17:09:00	288	6.5	12.93	106.8		
12/04/2010	17:09:30	278	6.5	12.81	110.1		
12/04/2010	17:10:00	273	6.5	12.68	113.3		
12/04/2010	17:10:30	260	6.5	12.53	116.6		
12/04/2010	17:11:00	273	6.5	12.63	119.8		
12/04/2010	17:11:30	292	6.5	12.91	123.0		
12/04/2010	17:12:00	304	6.4	13.07	126.3		
12/04/2010	17:12:30	302	6.4	12.99	129.5		
12/04/2010	17:13:00	300	6.4	12.90	132.7		
12/04/2010	17:13:30	293	6.5	12.78	135.9		
12/04/2010	17:14:00	295	6.5	12.79	139.2		
12/04/2010	17:14:30	294	6.5	12.81	142.4		
12/04/2010	17:15:00	296	6.5	12.81	145.6		
12/04/2010	17:15:30	296	6.4	12.81	148.9		
12/04/2010	17:16:00	299	6.5	12.80	152.1		
12/04/2010	17:16:30	303	6.4	12.78	155.3		
12/04/2010	17:17:00	301	6.5	12.80	158.5		
12/04/2010	17:17:30	302	6.4	12.82	161.7		
12/04/2010	17:18:00	312	6.5	12.82	165.0		
12/04/2010	17:18:30	302	6.5	12.81	168.2		
12/04/2010	17:19:00	301	6.5	12.81	171.4		
12/04/2010	17:19:30	306	6.5	12.81	174.7		
12/04/2010	17:20:00	306	6.5	12.84	177.9		
12/04/2010	17:20:30	297	6.4	12.82	181.1		
12/04/2010	17:21:00	304	6.5	12.79	184.3		
12/04/2010	17:21:30	313	6.5	12.77	187.6		
12/04/2010	17:22:00	306	6.5	12.76	190.8		
12/04/2010	17:22:30	308	6.4	12.76	194.0		
12/04/2010	17:23:00	307	6.4	12.77	197.2		
12/04/2010	17:23:30	312	6.4	12.81	200.5		

Well			Field		Job Start	Customer	Job Number
RGU-332-14-298					Dec/04/2010		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
12/04/2010	17:24:30	317	6.4	12.84	206.9		
12/04/2010	17:25:00	312	6.4	12.87	210.1		
12/04/2010	17:25:30	318	6.5	12.87	213.4		
12/04/2010	17:26:00	322	6.5	12.86	216.6		
12/04/2010	17:26:30	317	6.5	12.84	219.8		
12/04/2010	17:27:00	313	6.4	12.78	223.0		
12/04/2010	17:27:30	116	3.6	12.69	225.5		
12/04/2010	17:28:00	114	3.6	12.73	227.3		
12/04/2010	17:28:30	120	3.6	12.78	229.1		
12/04/2010	17:29:00	114	3.6	12.81	230.9		
12/04/2010	17:29:30	118	3.6	12.83	232.7		
12/04/2010	17:30:00	119	3.6	12.83	234.4		
12/04/2010	17:30:30	121	3.6	12.84	236.2		
12/04/2010	17:31:00	119	3.5	12.84	238.0		
12/04/2010	17:31:30	121	3.5	12.83	239.8		
12/04/2010	17:32:00	126	3.5	12.83	241.5		
12/04/2010	17:32:30	122	3.5	12.82	243.3		
12/04/2010	17:33:00	120	3.5	12.82	245.1		
12/04/2010	17:33:30	122	3.6	12.82	246.8		
12/04/2010	17:34:00	128	3.6	12.82	248.6		
12/04/2010	17:34:30	120	3.5	12.81	250.4		
12/04/2010	17:35:00	122	3.6	12.82	252.2		
12/04/2010	17:35:30	125	3.6	12.81	253.9		
12/04/2010	17:36:00	122	3.5	12.81	255.7		
12/04/2010	17:36:30	128	3.6	12.81	257.5		
12/04/2010	17:37:00	124	3.5	12.81	259.3		
12/04/2010	17:37:30	124	3.6	12.81	261.0		
12/04/2010	17:38:00	124	3.6	12.80	262.8		
12/04/2010	17:38:30	132	3.5	12.80	264.6		
12/04/2010	17:39:00	126	3.5	12.80	266.4		
12/04/2010	17:39:30	129	3.5	12.80	268.1		
12/04/2010	17:40:00	131	3.5	12.80	269.9		
12/04/2010	17:40:30	131	3.5	12.79	271.7		
12/04/2010	17:41:00	125	3.6	12.79	273.4		
12/04/2010	17:41:30	134	3.5	12.79	275.2		
12/04/2010	17:42:00	130	3.5	12.79	277.0		
12/04/2010	17:42:30	131	3.5	12.79	278.8		
12/04/2010	17:43:00	132	3.6	12.80	280.5		
12/04/2010	17:43:30	136	3.5	12.80	282.3		
12/04/2010	17:44:00	131	3.5	12.81	284.1		
12/04/2010	17:44:30	132	3.5	12.81	285.9		
12/04/2010	17:45:00	131	3.5	12.81	287.6		
12/04/2010	17:45:30	137	3.5	12.80	289.4		
12/04/2010	17:45:31					End Tail Slurry	
12/04/2010	17:45:31	137	3.5	12.80	289.5		
12/04/2010	17:46:00	135	3.5	12.79	291.2		
12/04/2010	17:46:30	132	3.5	12.78	292.9		
12/04/2010	17:47:00	133	3.5	12.78	294.7		
12/04/2010	17:47:30	137	3.5	12.77	296.5		
12/04/2010	17:48:00	135	3.5	12.78	298.2		
12/04/2010	17:48:30	133	3.6	12.78	300.0		
12/04/2010	17:49:00	135	3.5	12.79	301.8		
12/04/2010	17:49:30	134	3.5	12.78	303.5		
12/04/2010	17:50:00	135	3.5	12.78	305.3		

Well			Field		Job Start		Customer		Job Number	
RGU-332-14-298					Dec/04/2010					
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
12/04/2010	17:51:00	138	3.5	12.79	308.8					
12/04/2010	17:51:30	132	3.5	12.77	310.6					
12/04/2010	17:52:00	136	3.5	12.79	312.4					
12/04/2010	17:52:30	128	3.5	12.80	314.2					
12/04/2010	17:53:00	135	3.5	12.81	315.9					
12/04/2010	17:53:30	131	3.5	12.81	317.7					
12/04/2010	17:54:00	134	3.5	12.82	319.5					
12/04/2010	17:54:30	11	0.0	16.75	320.1					
12/04/2010	17:55:00	13	0.0	15.33	320.1					
12/04/2010	17:55:30	13	0.2	13.46	320.3					
12/04/2010	17:56:00	14	0.0	13.35	320.3					
12/04/2010	17:56:30	14	0.0	13.10	320.4					
12/04/2010	17:57:00	14	0.0	12.91	320.4					
12/04/2010	17:57:30	65	2.3	10.15	320.9					
12/04/2010	17:58:00	58	1.4	9.34	321.8					
12/04/2010	17:58:27					Drop Closing Plug				
12/04/2010	17:58:27	80	2.5	9.02	322.9					
12/04/2010	17:58:30					Start Displacement				
12/04/2010	17:58:30	83	2.5	9.03	323.0					
12/04/2010	17:58:31					88bbls H2o				
12/04/2010	17:58:31	80	2.5	9.03	323.1					
12/04/2010	17:59:00	98	2.8	8.97	324.3					
12/04/2010	17:59:10					Got Returns				
12/04/2010	17:59:10	92	3.0	8.95	324.8					
12/04/2010	17:59:14					110bbls Cemnet				
12/04/2010	17:59:14	91	3.0	8.93	325.0					
12/04/2010	17:59:30	95	3.1	8.93	325.8					
12/04/2010	17:59:42					To Surface				
12/04/2010	17:59:42	97	3.1	8.89	326.4					
12/04/2010	18:00:00	96	3.1	8.84	327.4					
12/04/2010	18:00:30	98	3.1	8.74	328.9					
12/04/2010	18:01:00	108	3.1	8.62	330.4					
12/04/2010	18:01:30	110	3.1	8.57	332.0					
12/04/2010	18:02:00	117	3.1	8.55	333.5					
12/04/2010	18:02:30	127	3.0	8.55	335.0					
12/04/2010	18:03:00	130	3.1	8.52	336.5					
12/04/2010	18:03:30	137	3.0	8.49	338.1					
12/04/2010	18:04:00	146	3.0	8.37	339.6					
12/04/2010	18:04:30	132	3.0	8.34	341.1					
12/04/2010	18:05:00	150	3.0	8.34	342.6					
12/04/2010	18:05:30	155	3.0	8.33	344.1					
12/04/2010	18:06:00	142	3.0	8.34	345.6					
12/04/2010	18:06:30	146	3.0	8.34	347.1					
12/04/2010	18:07:00	170	3.0	8.34	348.6					
12/04/2010	18:07:30	178	3.0	8.34	350.1					
12/04/2010	18:08:00	183	3.0	8.34	351.6					
12/04/2010	18:08:30	162	3.0	8.34	353.1					
12/04/2010	18:09:00	188	3.0	8.40	354.6					
12/04/2010	18:09:30	188	3.0	8.39	356.1					
12/04/2010	18:10:00	191	3.0	8.39	357.6					
12/04/2010	18:10:30	207	3.0	8.39	359.1					
12/04/2010	18:11:00	193	3.0	8.39	360.6					
12/04/2010	18:11:30	199	3.0	8.39	362.1					
12/04/2010	18:12:00	198	3.0	8.39	363.6					

Well			Field		Job Start	Customer	Job Number
RGU-332-14-298					Dec/04/2010		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
12/04/2010	18:13:00	218	3.0	8.39	366.6		
12/04/2010	18:13:30	227	3.0	8.39	368.1		
12/04/2010	18:14:00	233	3.0	8.39	369.6		
12/04/2010	18:14:30	230	3.0	8.39	371.0		
12/04/2010	18:15:00	241	3.0	8.39	372.5		
12/04/2010	18:15:30	220	2.7	8.39	374.0		
12/04/2010	18:16:00	217	2.2	8.40	375.2		
12/04/2010	18:16:30	207	0.9	8.40	376.1		
12/04/2010	18:17:00	219	0.9	8.40	376.5		
12/04/2010	18:17:30	221	0.9	8.39	377.0		
12/04/2010	18:18:00	212	0.9	8.39	377.4		
12/04/2010	18:18:30	215	1.0	8.39	377.9		
12/04/2010	18:19:00	226	1.0	8.39	378.4		
12/04/2010	18:19:30	220	1.0	8.39	378.8		
12/04/2010	18:20:00	205	1.0	8.39	379.3		
12/04/2010	18:20:30	229	1.0	8.39	379.8		
12/04/2010	18:21:00	209	1.0	8.39	380.3		
12/04/2010	18:21:30	225	1.0	8.39	380.8		
12/04/2010	18:22:00	202	1.0	8.39	381.3		
12/04/2010	18:22:30	198	1.0	8.39	381.7		
12/04/2010	18:23:00	252	1.0	8.39	382.2		
12/04/2010	18:23:30	251	1.0	8.39	382.7		
12/04/2010	18:24:00	263	1.0	8.39	383.2		
12/04/2010	18:24:30	209	1.0	8.39	383.7		
12/04/2010	18:25:00	234	1.0	8.39	384.2		
12/04/2010	18:25:30	259	1.0	8.39	384.7		
12/04/2010	18:26:00	210	1.0	8.39	385.1		
12/04/2010	18:26:30	215	1.0	8.39	385.6		
12/04/2010	18:27:00	280	1.0	8.39	386.1		
12/04/2010	18:27:30	276	1.0	8.39	386.6		
12/04/2010	18:28:00	286	1.0	8.39	387.1		
12/04/2010	18:28:30	231	1.0	8.39	387.6		
12/04/2010	18:29:00	255	1.0	8.39	388.0		
12/04/2010	18:29:30	236	1.0	8.39	388.5		
12/04/2010	18:30:00	231	1.0	8.39	389.0		
12/04/2010	18:30:30	243	1.0	8.39	389.5		
12/04/2010	18:31:00	241	1.0	8.39	390.0		
12/04/2010	18:31:30	294	1.0	8.39	390.5		
12/04/2010	18:32:00	271	1.0	8.39	391.0		
12/04/2010	18:32:30	296	1.0	8.39	391.4		
12/04/2010	18:33:00	292	1.0	8.39	391.9		
12/04/2010	18:33:30	272	1.0	8.39	392.4		
12/04/2010	18:34:00	297	1.0	8.39	392.9		
12/04/2010	18:34:30	261	1.0	8.39	393.4		
12/04/2010	18:35:00	268	1.0	8.39	393.8		
12/04/2010	18:35:30	266	1.0	8.37	394.3		
12/04/2010	18:36:00	270	1.0	8.35	394.8		
12/04/2010	18:36:30	285	1.0	8.34	395.3		
12/04/2010	18:37:00	290	1.0	8.34	395.8		
12/04/2010	18:37:30	311	1.0	8.34	396.3		
12/04/2010	18:38:00	308	1.0	8.34	396.7		
12/04/2010	18:38:30	289	1.0	8.34	397.2		
12/04/2010	18:39:00	307	1.0	8.34	397.7		
12/04/2010	18:39:30	298	1.0	8.34	398.2		

Well			Field		Job Start	Customer	Job Number
RGU-332-14-298					Dec/04/2010		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
12/04/2010	18:40:30	326	1.0	8.34	399.1		
12/04/2010	18:41:00	302	1.0	8.34	399.6		
12/04/2010	18:41:30	309	1.0	8.34	400.1		
12/04/2010	18:42:00	312	1.0	8.34	400.6		
12/04/2010	18:42:30	322	1.0	8.33	401.1		
12/04/2010	18:43:00	318	1.0	8.33	401.6		
12/04/2010	18:43:30	325	1.0	8.32	402.0		
12/04/2010	18:44:00	331	1.0	8.34	402.5		
12/04/2010	18:44:30	350	1.0	8.34	403.0		
12/04/2010	18:45:00	327	1.0	8.31	403.5		
12/04/2010	18:45:30	330	1.0	8.31	404.0		
12/04/2010	18:46:00	351	1.0	8.31	404.5		
12/04/2010	18:46:30	336	1.0	8.30	404.9		
12/04/2010	18:47:00	338	1.0	8.31	405.4		
12/04/2010	18:47:30	339	1.0	8.29	405.9		
12/04/2010	18:48:00	365	1.0	8.30	406.4		
12/04/2010	18:48:30	662	0.9	8.30	406.9		
12/04/2010	18:49:00	1340	0.0	8.06	407.1		
12/04/2010	18:49:20					Bump Closing Plug	
12/04/2010	18:49:20					Bump To 1300psi	
12/04/2010	18:49:20	1320	0.0	8.31	407.1		
12/04/2010	18:49:30	1308	0.0	7.98	407.1		
12/04/2010	18:50:00	1308	0.0	7.77	407.1		
12/04/2010	18:50:30	1307	0.0	6.72	407.1		
12/04/2010	18:51:00	1300	0.0	2.31	407.1		
12/04/2010	18:51:30	301	0.0	0.52	407.1		
12/04/2010	18:52:00	9	0.0	0.04	407.1		
12/04/2010	18:52:30	-2	0.0	0.02	407.1		
12/04/2010	18:52:39					End Displacement	
12/04/2010	18:52:39	-2	0.0	0.02	407.1		
12/04/2010	18:53:00	-1	0.0	0.02	407.1		
12/04/2010	18:53:30	-2	0.0	0.02	407.1		
12/04/2010	18:54:00	-2	0.0	0.02	407.1		
12/04/2010	18:54:30	-2	0.0	0.02	407.1		
12/04/2010	18:55:00	-2	0.0	0.02	407.1		
12/04/2010	18:55:30	-1	0.0	7.60	407.1		
12/04/2010	18:56:00	24	1.5	7.34	407.2		
12/04/2010	19:21:08					Stopped Acquisition	
12/04/2010	20:30:10					Started Acquisition	

Well RGU-332-14-298	Field	Job Start Dec/04/2010	Customer	Job Number
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Post Job Summary

Average Pump Rates,					Volume of Fluid Injected,			
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2
Treating Pressure Summary,					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to 1300	Breakdown	Type	Volume		Density
Avg. N2 Percent	Designed Slurry Volume 304.3 bbl		Displacement	Mix Water Temp 42 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 110.0 bbl		
Customer or Authorized Representative			Schlumberger Supervisor			Washed Thru Perfs <input type="checkbox"/>	To	
						Circulation Lost <input checked="" type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
						-		



Service Quality Evaluation

Client:	WILLIAMS
Field:	RYAN GULCH
Rig:	
Well:	RGU-332-14-298
Service Line:	Cementing
Job Type:	2 STAGE SURFACE

Service Order #:	
Date:	Dec/04/2010
Operating Time:	0.0
Client Rep:	WILLIAMS
Schlumberger Engineer:	
Schlumberger FSM:	

Main Objective:

To be completed by Company Rep. Please answer Y (Yes) or N (No) and add any comments below.

		Score	Yes / No				Result
1	HSE						
1a	Free of lost time injury and compliance with SLB and loc. spec. HSE practice	5	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
1b	Free of environmental spill or non-compliant discharge	5	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
1c	Free of RIRs	5	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
1d	Wellsite left clean	4	yes	<input type="checkbox"/>	no	<input type="checkbox"/>	
Sub-total							0%
2	Design / Preparation						
2a	Program incl. job simulation (CemCADE) & pump schedule / tool hydraulic calcs	3	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
2b	Equipment maintenance schedule completed / Green tagged	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
2c	All materials and equipment required for job/contingency checked & on location	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
2d	Safety / pre-job meeting conducted with all involved present	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
Sub-total							0%
3	Execution						
3a	Lost time < 30 mins	3	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3b	Equipment pressure tested succesfully	3	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3c	All key parameters monitored and recorded accurately (Pressure, Rate, Density)	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3d	Plugs / darts released and tested succesfully	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3e	Density variation met expectations	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3f	Personnel performed as per expectations	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3g	Equipment performed as per expectations	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3h	Job pumped per design	3	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3i	Did job start on time	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3j	Free of Operational failures (screen out, Cementing Example, etc.)	3	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
Sub-total							0%
4	Evaluation						
4a	Main job objective achieved with no consequential non-productive time	10	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
Sub-total							0%
Total							0%

Comments: (Please include a brief explanation for a "NO" response and summarize any innovations attempted on this well.)

Client:	Schlumberger:
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Client Signature:	Schlumberger Signature:
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