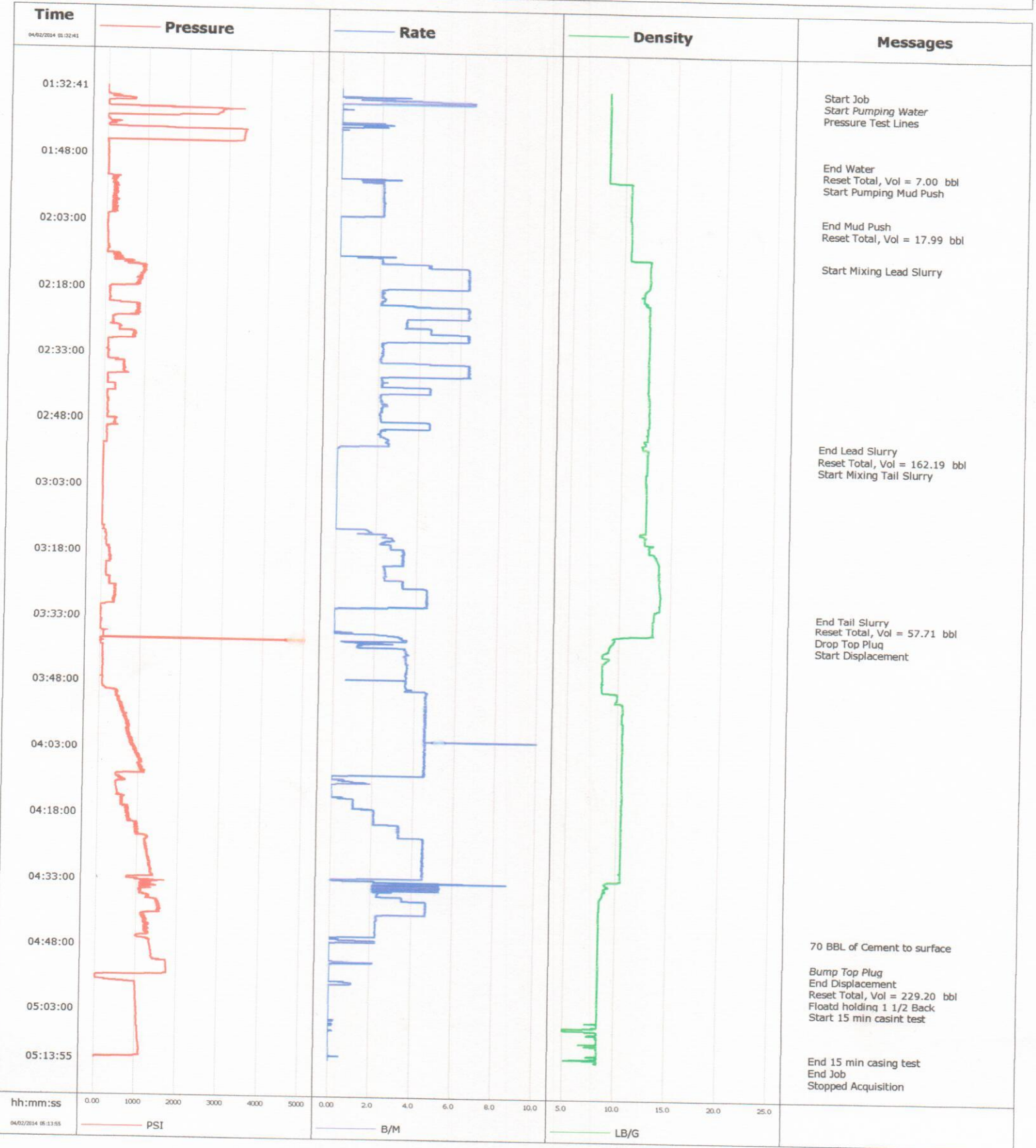


Well	Razor Fed 26J-3512B	Client	Whiting
Field	Old 10	SIR No.	CMI-1-00833
Engineer	Anthony Fowler	Job Type	7" Intermediate
Country	United States	Job Date	04-01-2014





Cementing Service Report

Customer Whiting				Job Number CMI-1-00833							
Well Razor Fed 26J-3512B			Location (legal)			Schlumberger Location Rock Springs		Job Start Apr/01/2014			
Field Old 10		Formation Name/Type Clean-Sandstone		Deviation		BR Size		Well MD		Well TVD	
County Weld		State/Province Colorado		BHP		BHST		BHCT		Pore Press. Gradient	
Well Master		API/UWI									
Rig Name		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	
Drilling Fluid Type		Max. Density		Plastic Viscosity		6185.8	7.000	29.0	L80	8RD	
						0.0	0.000	0.0			
Service Line Cementing		Job Type 7" Intermediate		Tubing/Drill Pipe							
				Depth,	Size,	Weight,	Grade	Thread			
Max. Allowed Tub. Press		Max. Allowed Ann. Press		WH Connection Single Cement head		Perforations/Open Hole					
						Top,	Bottom,	No. of Shots	Total Interval		
Service Instructions									Diameter		
				Treat Down Casing	Displacement 228.2 bbl		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			
No. Centralizers 45		Top Plugs 1		Bottom Plugs		Shoe Depth 6184.0 ft		Tool Type			
Cement Head Type Single						Stage Tool Type		Tool Depth			
Job Scheduled For Apr/01/2014		Arrived on Location Apr/01/2014		Leave Location Apr/01/2014		Stage Tool Depth		Tail Pipe Size			
						Collar Type Float		Tail Pipe Depth			
						Collar Depth 6142.0 ft		Sqz. Total Vol.			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
04/01/2014	20:24:36					Started Acquisition					
04/02/2014	01:32:41	4	0.0	8.41	0.0						
04/02/2014	01:32:42					Start Job					
04/02/2014	01:32:42	3	0.0	8.41	0.0						
04/02/2014	01:32:48					Start Pumping Water					
04/02/2014	01:32:48	3	0.0	8.41	0.0						
04/02/2014	01:32:50					Pressure Test Lines					
04/02/2014	01:32:50	4	0.0	8.41	0.0						
04/02/2014	01:33:36	0	0.0	8.41	0.0						
04/02/2014	01:34:36	25	3.2	8.41	0.2						
04/02/2014	01:35:36	635	6.5	8.41	3.0						
04/02/2014	01:36:36	20	0.0	8.41	5.4						
04/02/2014	01:37:36	2738	0.0	8.40	5.4						
04/02/2014	01:38:36	2759	0.0	8.40	5.4						
04/02/2014	01:39:36	3	0.0	8.40	5.4						
04/02/2014	01:40:36	68	0.3	8.40	5.7						
04/02/2014	01:41:36	40	0.0	8.40	7.0						
04/02/2014	01:42:36	3398	0.0	8.40	7.0						
04/02/2014	01:43:36	3371	0.0	8.40	7.0						
04/02/2014	01:44:36	3355	0.0	8.40	7.0						
04/02/2014	01:45:36	21	0.0	8.40	7.0						

Well Razor Fed 26J-3512B			Field Old 10		Job Start Apr/01/2014	Customer Whiting	Job Number CMI-1-00833
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/H	Density LB/G	Volume BBL	Message	
04/02/2014	01:47:36	34	0.0	8.40	7.0		
04/02/2014	01:48:36	35	0.0	8.40	7.0		
04/02/2014	01:48:38					End Water	
04/02/2014	01:48:38	35	0.0	8.40	7.0		
04/02/2014	01:48:39					Reset Total, Vol = 7.00 bbl	
04/02/2014	01:48:39	34	0.0	8.40	7.0		
04/02/2014	01:48:42					Start Pumping Mud Push	
04/02/2014	01:48:42	34	0.0	8.40	0.0		
04/02/2014	01:49:36	40	0.0	8.40	0.0		
04/02/2014	01:50:36	36	0.0	8.40	0.0		
04/02/2014	01:51:36	38	0.0	8.40	0.0		
04/02/2014	01:52:36	31	0.0	8.40	0.0		
04/02/2014	01:53:36	229	2.1	10.59	0.9		
04/02/2014	01:54:36	200	2.1	10.58	3.0		
04/02/2014	01:55:36	293	2.1	10.56	5.1		
04/02/2014	01:56:36	177	2.1	10.53	7.2		
04/02/2014	01:57:36	163	2.1	10.53	9.3		
04/02/2014	01:58:36	195	2.1	10.53	11.4		
04/02/2014	01:59:36	152	2.1	10.53	13.6		
04/02/2014	02:00:36	166	2.1	10.52	15.7		
04/02/2014	02:01:36	175	2.1	10.52	17.8		
04/02/2014	02:01:45					End Mud Push	
04/02/2014	02:01:45	63	0.1	10.60	18.0		
04/02/2014	02:01:47					Reset Total, Vol = 17.99 bbl	
04/02/2014	02:01:47	58	0.0	10.60	18.0		
04/02/2014	02:02:36	51	0.0	10.64	0.0		
04/02/2014	02:03:36	43	0.0	10.64	0.0		
04/02/2014	02:04:36	45	0.0	10.64	0.0		
04/02/2014	02:05:36	40	0.0	10.64	0.0		
04/02/2014	02:06:36	55	0.0	10.63	0.0		
04/02/2014	02:07:36	55	0.0	10.63	0.0		
04/02/2014	02:08:36	58	0.0	10.61	0.0		
04/02/2014	02:09:36	80	0.0	10.61	0.0		
04/02/2014	02:10:36	193	1.6	10.83	0.0		
04/02/2014	02:11:36	383	2.1	12.59	2.0		
04/02/2014	02:11:46					Start Mixing Lead Slurry	
04/02/2014	02:11:46	233	2.1	12.58	2.4		
04/02/2014	02:12:36	626	4.5	12.53	4.9		
04/02/2014	02:13:36	957	6.4	12.55	10.2		
04/02/2014	02:14:36	935	6.4	12.56	16.5		
04/02/2014	02:15:36	898	6.3	12.53	22.9		
04/02/2014	02:16:36	860	6.4	12.45	29.3		
04/02/2014	02:17:36	765	6.4	12.08	35.6		
04/02/2014	02:18:36	115	2.1	12.02	39.1		
04/02/2014	02:19:36	108	2.2	11.97	41.3		
04/02/2014	02:20:36	147	2.2	12.20	43.5		
04/02/2014	02:21:36	206	3.2	12.55	45.6		
04/02/2014	02:22:36	845	6.4	12.53	51.3		
04/02/2014	02:23:36	828	6.4	12.51	57.7		
04/02/2014	02:24:36	773	6.4	12.51	64.1		
04/02/2014	02:25:36	202	3.3	12.54	67.7		
04/02/2014	02:26:36	195	3.3	12.54	71.0		
04/02/2014	02:27:36	362	4.5	12.53	75.3		
04/02/2014	02:28:36	742	6.4	12.53			

80.8

Well Razor Fed 26J-3512B			Field Old 10		Job Start Apr/01/2014	Customer Whiting	Job Number CMI-1-00833
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
04/02/2014	02:30:36	90	2.2	12.54	90.8		
04/02/2014	02:31:36	90	2.2	12.54	93.0		
04/02/2014	02:32:36	89	2.2	12.50	95.2		
04/02/2014	02:33:36	86	2.1	12.51	97.3		
04/02/2014	02:34:36	90	2.1	12.48	99.4		
04/02/2014	02:35:36	499	6.4	12.50	104.3		
04/02/2014	02:36:36	490	6.4	12.51	110.7		
04/02/2014	02:37:36	503	6.4	12.48	117.1		
04/02/2014	02:38:36	90	2.1	12.51	121.3		
04/02/2014	02:39:36	98	2.2	12.51	123.5		
04/02/2014	02:40:36	275	4.5	12.46	126.0		
04/02/2014	02:41:36	285	4.5	12.56	130.5		
04/02/2014	02:42:36	93	2.1	12.63	133.6		
04/02/2014	02:43:36	85	2.1	12.62	135.7		
04/02/2014	02:44:36	99	2.3	12.62	137.9		
04/02/2014	02:45:36	95	2.2	12.61	140.1		
04/02/2014	02:46:36	96	2.0	12.64	142.2		
04/02/2014	02:47:36	98	2.1	12.63	144.3		
04/02/2014	02:48:36	300	4.5	12.61	147.3		
04/02/2014	02:49:36	280	4.5	12.50	151.8		
04/02/2014	02:50:36	86	2.1	12.48	154.7		
04/02/2014	02:51:36	75	2.1	12.48	156.8		
04/02/2014	02:52:36	100	2.5	12.37	159.2		
04/02/2014	02:52:53						End Lead Slurry
04/02/2014	02:52:53	95	2.4	11.95	159.9		
04/02/2014	02:53:36	96	2.5	12.06	161.7		
04/02/2014	02:54:36	19	0.0	12.52	162.2		
04/02/2014	02:55:36	11	0.0	12.50	162.2		
04/02/2014	02:55:37						Reset Total, Vol = 162.19 bbl
04/02/2014	02:55:37	11	0.0	12.50	162.2		
04/02/2014	02:55:40						Start Mixing Tail Slurry
04/02/2014	02:55:40	14	0.0	12.50	0.0		
04/02/2014	02:56:36	11	0.0	12.50	0.0		
04/02/2014	02:57:36	18	0.0	12.50	0.0		
04/02/2014	02:58:36	10	0.0	12.51	0.0		
04/02/2014	02:59:36	12	0.0	12.41	0.0		
04/02/2014	03:00:36	15	0.0	12.42	0.0		
04/02/2014	03:01:36	16	0.0	12.43	0.0		
04/02/2014	03:02:36	17	0.0	12.44	0.0		
04/02/2014	03:03:36	10	0.0	12.44	0.0		
04/02/2014	03:04:36	13	0.0	12.45	0.0		
04/02/2014	03:05:36	15	0.0	12.45	0.0		
04/02/2014	03:06:36	17	0.0	12.46	0.0		
04/02/2014	03:07:36	9	0.0	12.46	0.0		
04/02/2014	03:08:36	20	0.0	12.46	0.0		
04/02/2014	03:09:36	19	0.0	12.46	0.0		
04/02/2014	03:10:36	9	0.0	12.47	0.0		
04/02/2014	03:11:36	18	0.0	12.47	0.0		
04/02/2014	03:12:36	58	1.5	11.94	0.1		
04/02/2014	03:13:36	98	2.4	12.37	1.8		
04/02/2014	03:14:36	119	2.8	12.35	4.2		
04/02/2014	03:15:36	95	2.2	12.76	6.9		
04/02/2014	03:16:36	123	2.7	12.80	9.4		
04/02/2014	03:17:36	192	3.3	13.38	12.5		

Well		Field		Job Start		Customer		Job Number	
Razor Fed 26J-3512B		Old 10		Apr/01/2014		Whiting		CMI-1-00833	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
04/02/2014	03:19:36	205	3.4	13.77	19.1				
04/02/2014	03:20:36	223	3.4	13.78	22.5				
04/02/2014	03:21:36	130	2.4	13.74	25.0				
04/02/2014	03:22:36	130	2.5	13.77	27.4				
04/02/2014	03:23:36	127	2.4	13.82	29.9				
04/02/2014	03:24:36	213	3.3	13.84	32.8				
04/02/2014	03:25:36	197	3.3	13.91	36.1				
04/02/2014	03:26:36	358	4.5	13.99	40.3				
04/02/2014	03:27:36	368	4.6	13.99	44.9				
04/02/2014	03:28:36	338	4.5	13.98	49.4				
04/02/2014	03:29:36	328	4.5	13.93	53.9				
04/02/2014	03:30:36	8	0.2	13.47	57.7				
04/02/2014	03:31:36	24	0.0	13.40	57.7				
04/02/2014	03:31:39					End Tail Slurry			
04/02/2014	03:31:39	23	0.0	13.40	57.7				
04/02/2014	03:31:43					Reset Total, Vol = 57.71 bbl			
04/02/2014	03:31:43	12	0.0	13.40	57.7				
04/02/2014	03:31:44					Drop Top Plug			
04/02/2014	03:31:44	11	0.0	13.40	0.0				
04/02/2014	03:31:45					Start Displacement			
04/02/2014	03:31:45	11	0.0	13.40	0.0				
04/02/2014	03:32:36	9	0.0	13.29	0.0				
04/02/2014	03:33:36	10	0.0	13.28	0.0				
04/02/2014	03:34:36	12	0.0	13.28	0.0				
04/02/2014	03:35:36	11	0.0	13.28	0.0				
04/02/2014	03:36:36	84	0.0	10.37	0.1				
04/02/2014	03:37:36	86	3.3	9.48	2.3				
04/02/2014	03:38:36	15	0.8	9.15	5.4				
04/02/2014	03:39:36	25	1.2	9.00	7.0				
04/02/2014	03:40:36	78	3.5	8.43	9.7				
04/02/2014	03:41:36	79	3.6	9.05	13.2				
04/02/2014	03:42:36	76	3.5	8.53	16.7				
04/02/2014	03:43:36	83	3.6	8.41	20.3				
04/02/2014	03:44:36	88	3.6	8.42	23.9				
04/02/2014	03:45:36	76	3.6	8.39	27.5				
04/02/2014	03:46:36	82	3.6	8.43	31.0				
04/02/2014	03:47:36	90	3.6	8.40	34.5				
04/02/2014	03:48:36	76	3.5	8.41	38.0				
04/02/2014	03:49:36	95	3.6	9.91	41.7				
04/02/2014	03:50:36	451	4.5	9.90	46.1				
04/02/2014	03:51:36	422	4.6	9.81	50.6				
04/02/2014	03:52:36	483	4.6	10.45	55.0				
04/02/2014	03:53:36	559	4.5	10.46	59.6				
04/02/2014	03:54:36	591	4.6	10.41	64.1				
04/02/2014	03:55:36	647	4.5	10.41	68.7				
04/02/2014	03:56:36	644	4.6	10.48	73.2				
04/02/2014	03:57:36	704	4.5	10.48	77.7				
04/02/2014	03:58:36	754	4.5	10.47	82.3				
04/02/2014	03:59:36	709	4.5	10.47	86.8				
04/02/2014	04:00:36	791	4.5	10.47	91.3				
04/02/2014	04:01:36	795	4.5	10.48	97.3				
04/02/2014	04:02:36	807	4.6	10.48	101.9				
04/02/2014	04:03:36	939	4.5	10.47	106.4				
04/02/2014	04:04:36	968	4.6	10.47	111.0				

Well		Field		Job Start		Customer		Job Number	
Razor Fed 26J-3512B		Old 10		Apr/01/2014		Whiting		CMI-1-00833	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
04/02/2014	04:06:36	1018	4.6	10.47	120.0				
04/02/2014	04:07:36	1028	4.5	10.47	124.5				
04/02/2014	04:08:36	1111	4.5	10.47	129.1				
04/02/2014	04:09:36	451	0.0	10.51	131.2				
04/02/2014	04:10:36	611	1.4	10.44	131.7				
04/02/2014	04:11:36	452	0.0	10.48	132.2				
04/02/2014	04:12:36	469	0.0	10.48	132.2				
04/02/2014	04:13:36	479	0.0	10.48	132.2				
04/02/2014	04:14:36	594	1.1	10.45	132.7				
04/02/2014	04:15:36	579	1.1	10.47	133.7				
04/02/2014	04:16:36	630	1.6	10.48	134.9				
04/02/2014	04:17:36	755	2.1	10.47	136.9				
04/02/2014	04:18:36	769	2.1	10.47	139.0				
04/02/2014	04:19:36	819	2.1	10.47	141.1				
04/02/2014	04:20:36	937	3.3	10.47	143.8				
04/02/2014	04:21:36	992	3.3	10.47	147.1				
04/02/2014	04:22:36	957	3.3	10.47	150.4				
04/02/2014	04:23:36	1231	4.5	10.47	154.4				
04/02/2014	04:24:36	1198	4.5	10.46	158.9				
04/02/2014	04:25:36	1211	4.5	10.47	163.4				
04/02/2014	04:26:36	1247	4.5	10.46	167.9				
04/02/2014	04:27:36	1231	4.5	10.46	172.4				
04/02/2014	04:28:36	1281	4.5	10.46	176.9				
04/02/2014	04:29:36	1291	4.5	10.46	181.4				
04/02/2014	04:30:36	1329	4.5	10.45	186.0				
04/02/2014	04:31:36	1354	4.5	10.46	190.5				
04/02/2014	04:32:36	746	0.0	9.03	194.3				
04/02/2014	04:33:36	1501	5.3	9.25	196.8				
04/02/2014	04:34:36	1441	5.0	8.93	200.8				
04/02/2014	04:35:36	1104	2.3	8.71	203.7				
04/02/2014	04:36:36	1213	3.3	8.47	206.1				
04/02/2014	04:37:36	1405	4.6	8.46	209.7				
04/02/2014	04:38:36	1500	4.7	8.44	214.4				
04/02/2014	04:39:36	1534	4.7	8.41	219.1				
04/02/2014	04:40:36	1574	4.7	8.41	223.8				
04/02/2014	04:41:36	1138	2.3	8.41	226.3				
04/02/2014	04:42:36	1164	2.2	8.41	228.5				
04/02/2014	04:43:36	1224	2.2	8.40	230.8				
04/02/2014	04:44:36	1225	2.2	8.41	233.0				
04/02/2014	04:45:36	1236	2.2	8.41	235.3				
04/02/2014	04:46:05					70 BBL of Cement to surface			
04/02/2014	04:46:05	990	0.0	8.41	235.6				
04/02/2014	04:46:36	1215	1.9	8.41	235.8				
04/02/2014	04:47:36	1330	0.0	8.41	236.9				
04/02/2014	04:48:36	1357	0.0	8.41	236.9				
04/02/2014	04:49:36	1372	0.0	8.41	236.9				
04/02/2014	04:50:36	1385	0.0	8.41	236.9				
04/02/2014	04:51:36	1409	0.2	8.41	236.9				
04/02/2014	04:51:50					Bump Top Plug			
04/02/2014	04:51:50	1731	0.3	8.41	237.2				
04/02/2014	04:51:51					End Displacement			
04/02/2014	04:51:51	1730	0.2	8.41	237.2				
04/02/2014	04:51:54					Reset Total, Vol = 229.20 bbl			
04/02/2014	04:51:54	1734	0.0	8.41	237.2				

Well		Field		Job Start		Customer		Job Number	
Razor Fed 26J-3512B		Old 10		Apr/01/2014		Whiting		CMI-1-00833	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume SBL	Message			
04/02/2014	04:53:36	1752	0.0	8.41	0.0				
04/02/2014	04:54:36	1761	0.0	8.41	0.0				
04/02/2014	04:55:03								
04/02/2014	04:55:03	18	0.0	8.41	0.0	Floatd holding 1 1/2 Back			
04/02/2014	04:55:36	18	0.0	8.41	0.0				
04/02/2014	04:56:36	842	1.1	8.41	0.6				
04/02/2014	04:56:49								
04/02/2014	04:56:49	988	0.0	8.41	0.7	Start 15 min casint test			
04/02/2014	04:57:36	991	0.0	8.41	0.7				
04/02/2014	04:58:36	1008	0.0	8.41	0.7				
04/02/2014	04:59:36	1015	0.0	8.41	0.7				
04/02/2014	05:00:36	1022	0.0	8.41	0.7				
04/02/2014	05:01:36	1030	0.0	8.41	0.7				
04/02/2014	05:02:36	1036	0.0	8.41	0.7				
04/02/2014	05:03:36	1044	0.0	8.41	0.7				
04/02/2014	05:04:36	1045	0.0	8.41	0.7				
04/02/2014	05:05:36	1050	0.0	8.39	0.8				
04/02/2014	05:06:36	1058	0.0	4.41	0.9				
04/02/2014	05:07:36	1065	0.0	7.59	0.9				
04/02/2014	05:08:36	1073	0.0	8.40	0.9				
04/02/2014	05:09:36	1080	0.0	8.34	0.9				
04/02/2014	05:10:36	1099	0.0	8.34	0.9				
04/02/2014	05:11:36	1099	0.0	8.39	0.9				
04/02/2014	05:12:33								
04/02/2014	05:12:33	1101	0.0	8.37	0.9	End 15 min casing test			
04/02/2014	05:12:36	1106	0.0	8.38	0.9				
04/02/2014	05:13:36	940	0.0	8.39	0.9				
04/02/2014	05:13:51								
04/02/2014	05:13:51	13	0.0	8.17	0.9	End Job			

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
3.4		2.1	94.2	219.0	0.0	18.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
6846	12	550					
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume	
	202.0 bbl		229.0 bbl		<input checked="" type="checkbox"/>	70.0 bbl	
Customer or Authorized Representative			Schlumberger Supervisor		Washed Thru Perfs	To	
			Anthony Fowler		Circulation Lost	Job Completed	<input checked="" type="checkbox"/>
					-	-	