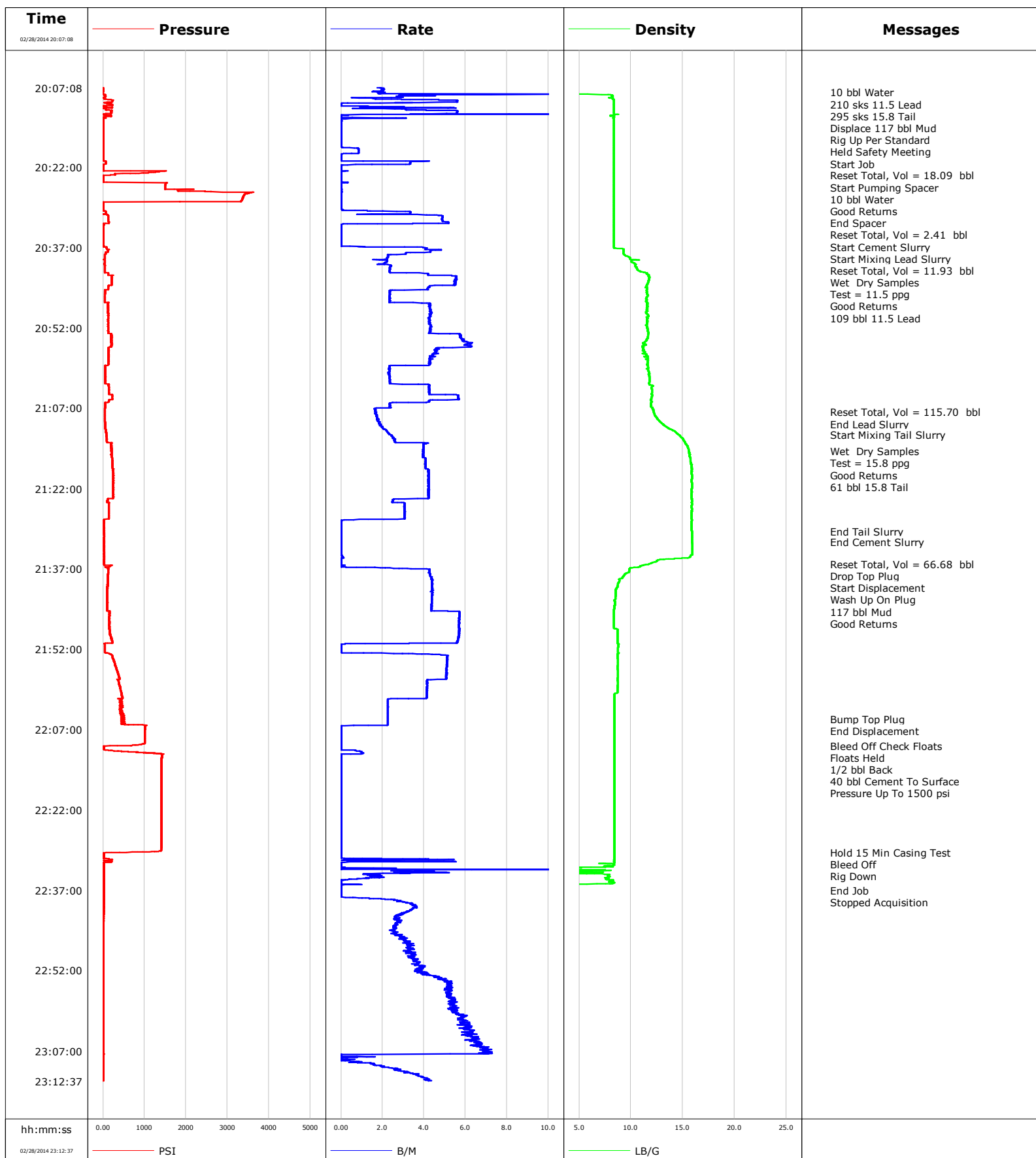


Well Razor Fed 26J-3510B
Field Wild Cat
Engineer Jordan Moreland / Mike Alliger
Country United States

Client Whiting
SIR No.
Job Type 9 5/8 Surface
Job Date 03-02-2014





Cementing Service Report

				Customer Whiting		Job Number CMI1-00749		
Well Razor Fed 26J-3510B			Location (legal)		Schlumberger Location CWY		Job Start Mar/02/2014	
Field Wild Cat		Formation Name/Type		Deviation	Bit Size 13.5 in	Well MD		Well TVD
County Weld		State/Province Colorado		BHP	BHST 99 degF	BHCT 82 degF	Pore Press. Gradient	
Well Master 0631506280		API/UWI						
Rig Name Xtreme 18	Drilled For Oil	Service Via Land	Casing/Liner					
			Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class New	Well Type Development	1562.0	9.630	36.0	J55	8RD	
			0.0	0.000	0.0			
Drilling Fluid Type		Max. Density 8.40 lb/gal	Plastic Viscosity	Tubing/Drill Pipe				
				Depth,	Size,	Weight,	Grade	Thread
Service Line Cementing	Job Type 9 5/8 Surface							
Max. Allowed Tub. Press 3000 psi	Max. Allowed Ann. Press	WH Connection Single Cement head	Perforations/Open Hole					
			Top,	Bottom,		No. of Shots	Total Interval	
							Diameter	
Service Instructions Rate And Density Checked				Treat Down Casing	Displacement 117.0 bbl	Packer Type	Packer Depth	
				Tubing Vol.	Casing Vol. 120.0 bbl	Annular Vol. 136.0 bbl	Openhole Vol. 257.0 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 773 psi				Shoe Type Guide		Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 1562.0 ft		Tool Type		
No. Centralizers		Top Plugs 1	Bottom Plugs	Stage Tool Type		Tool Depth		
Cement Head Type Single				Stage Tool Depth		Tail Pipe Size		
Job Scheduled For Mar/02/2014		Arrived on Location Mar/02/2014	Leave Location Mar/02/2014	Collar Type Float		Tail Pipe Depth		
				Collar Depth 1518.0 ft		Sqz. Total Vol.		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
02/28/2014	16:50:22					Started Acquisition		
02/28/2014	20:07:08	0	1.8	0.04	0.0			
02/28/2014	20:08:00					10 bbl Water		
02/28/2014	20:08:00					210 sks 11.5 Lead		
02/28/2014	20:08:00					295 sks 15.8 Tail		
02/28/2014	20:08:00					Displace 117 bbl Mud		
02/28/2014	20:08:00					Rig Up Per Standard		
02/28/2014	20:08:00					Held Safety Meeting		
02/28/2014	20:08:00	-1	1.9	0.04	1.7			
02/28/2014	20:08:22	0	25.0	0.68	2.5			
02/28/2014	20:10:00					Start Job		
02/28/2014	20:10:00	48	1.9	8.38	9.4			
02/28/2014	20:10:22	221	0.0	8.36	9.5			
02/28/2014	20:12:22	198	0.0	8.17	16.7			
02/28/2014	20:14:22	4	0.0	8.37	17.2			
02/28/2014	20:16:22	4	0.0	8.37	17.2			
02/28/2014	20:18:22	6	0.1	8.37	17.2			
02/28/2014	20:20:00					Reset Total, Vol = 18.09 bbl		
02/28/2014	20:20:00	5	0.0	8.37	18.1			
02/28/2014	20:20:22	5	0.0	8.37	18.1			
02/28/2014	20:22:00					Start Pumping Spacer		

Well			Field		Job Start	Customer	Job Number
Razor Fed 26J-3510B			Wild Cat		Mar/02/2014	Whiting	CMI1-00749
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
02/28/2014	20:22:00					Good Returns	
02/28/2014	20:22:00	7	0.0	8.37	20.4		
02/28/2014	20:22:22	7	0.0	8.36	20.4		
02/28/2014	20:24:22	6	0.0	8.36	20.4		
02/28/2014	20:26:22	1800	0.0	8.37	20.5		
02/28/2014	20:27:00					End Spacer	
02/28/2014	20:27:00	3438	0.0	8.37	20.5		
02/28/2014	20:28:22	3328	0.0	8.37	20.5		
02/28/2014	20:29:55					Reset Total, Vol = 2.41 bbl	
02/28/2014	20:29:55	7	0.1	8.37	20.5		
02/28/2014	20:30:00					Start Cement Slurry	
02/28/2014	20:30:00	7	0.1	8.37	20.5		
02/28/2014	20:30:22	64	3.3	8.36	21.1		
02/28/2014	20:32:22	140	5.2	8.36	29.8		
02/28/2014	20:34:22	8	0.0	8.37	30.8		
02/28/2014	20:36:22	7	0.0	8.36	30.9		
02/28/2014	20:37:00					Start Mixing Lead Slurry	
02/28/2014	20:37:00	87	4.0	8.36	31.2		
02/28/2014	20:37:17					Reset Total, Vol = 11.93 bbl	
02/28/2014	20:37:17	100	4.1	9.30	32.4		
02/28/2014	20:38:22	41	2.2	9.37	36.5		
02/28/2014	20:40:00					Wet Dry Samples	
02/28/2014	20:40:00					Test = 11.5 ppg	
02/28/2014	20:40:00					Good Returns	
02/28/2014	20:40:00					109 bbl 11.5 Lead	
02/28/2014	20:40:00	39	2.1	10.34	40.0		
02/28/2014	20:40:22	47	2.4	10.40	40.8		
02/28/2014	20:42:22	211	5.6	11.71	46.8		
02/28/2014	20:44:22	126	4.2	11.55	57.5		
02/28/2014	20:46:22	44	2.3	11.52	63.3		
02/28/2014	20:48:22	116	4.3	11.56	69.9		
02/28/2014	20:50:22	122	4.3	11.57	78.5		
02/28/2014	20:52:22	131	4.3	11.60	87.1		
02/28/2014	20:54:22	208	5.9	11.52	97.5		
02/28/2014	20:56:22	127	4.5	11.24	108.8		
02/28/2014	20:58:22	128	4.3	11.61	117.6		
02/28/2014	21:00:22	54	2.3	11.75	123.5		
02/28/2014	21:02:22	59	2.4	11.75	128.2		
02/28/2014	21:04:22	149	4.3	11.99	136.4		
02/28/2014	21:06:22	56	2.3	11.93	145.5		
02/28/2014	21:07:40					Reset Total, Vol = 115.70 bbl	
02/28/2014	21:07:40	40	1.7	12.18	148.1		
02/28/2014	21:08:22	40	1.7	12.33	149.3		
02/28/2014	21:10:00					End Lead Slurry	
02/28/2014	21:10:00	52	1.9	13.11	152.2		
02/28/2014	21:10:22	56	1.9	13.34	152.9		
02/28/2014	21:12:00					Start Mixing Tail Slurry	
02/28/2014	21:12:00	78	2.4	14.65	156.4		
02/28/2014	21:12:22	84	2.5	14.82	157.3		
02/28/2014	21:14:22	197	4.0	15.49	163.7		
02/28/2014	21:15:00					Wet Dry Samples	
02/28/2014	21:15:00					Test = 15.8 ppg	
02/28/2014	21:15:00					Good Returns	
02/28/2014	21:15:00					61 bbl 15.8 Tail	

Well			Field	Job Start		Customer	Job Number
Razor Fed 26J-3510B			Wild Cat	Mar/02/2014		Whiting	CMI1-00749
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
02/28/2014	21:16:22	219	4.1	15.72	171.7		
02/28/2014	21:18:22	248	4.2	15.86	179.8		
02/28/2014	21:20:22	247	4.2	15.85	188.2		
02/28/2014	21:22:22	242	4.2	15.85	196.7		
02/28/2014	21:24:22	104	2.5	15.86	204.4		
02/28/2014	21:26:22	140	3.1	15.86	210.4		
02/28/2014	21:28:22	24	0.0	15.84	214.8		
02/28/2014	21:30:00					End Tail Slurry	
02/28/2014	21:30:00	23	0.0	15.86	214.8		
02/28/2014	21:30:22	24	0.0	15.87	214.8		
02/28/2014	21:32:00					End Cement Slurry	
02/28/2014	21:32:00	23	0.0	15.90	214.8		
02/28/2014	21:32:22	24	0.0	15.91	214.8		
02/28/2014	21:34:22	24	0.0	15.93	214.8		
02/28/2014	21:36:05					Reset Total, Vol = 66.68 bbl	
02/28/2014	21:36:05	25	0.0	11.80	214.8		
02/28/2014	21:36:22	39	0.0	11.19	214.8		
02/28/2014	21:37:00					Drop Top Plug	
02/28/2014	21:37:00					Start Displacement	
02/28/2014	21:37:00	131	3.6	9.86	215.5		
02/28/2014	21:38:22	116	4.3	9.29	221.3		
02/28/2014	21:40:00					Wash Up On Plug	
02/28/2014	21:40:00					117 bbl Mud	
02/28/2014	21:40:00					Good Returns	
02/28/2014	21:40:00	111	4.4	8.73	228.4		
02/28/2014	21:40:22	106	4.4	8.68	230.0		
02/28/2014	21:42:22	99	4.4	8.48	238.8		
02/28/2014	21:44:22	101	4.4	8.40	247.5		
02/28/2014	21:46:22	153	5.7	8.37	258.2		
02/28/2014	21:48:22	162	5.7	8.72	269.6		
02/28/2014	21:50:22	212	5.6	8.70	280.9		
02/28/2014	21:52:22	43	0.0	8.76	284.2		
02/28/2014	21:54:22	268	5.1	8.72	292.0		
02/28/2014	21:56:22	357	5.1	8.72	302.2		
02/28/2014	21:58:22	389	4.2	8.72	311.7		
02/28/2014	22:00:22	448	4.1	8.41	320.0		
02/28/2014	22:02:22	431	2.3	8.41	326.2		
02/28/2014	22:04:22	502	2.2	8.39	330.7		
02/28/2014	22:05:00					Bump Top Plug	
02/28/2014	22:05:00					End Displacement	
02/28/2014	22:05:00	469	2.3	8.39	332.1		
02/28/2014	22:06:22	1026	0.0	8.39	334.9		
02/28/2014	22:08:22	1009	0.0	8.39	334.9		
02/28/2014	22:10:00					Bleed Off Check Floats	
02/28/2014	22:10:00					Floats Held	
02/28/2014	22:10:00					1/2 bbl Back	
02/28/2014	22:10:00					40 bbl Cement To Surface	
02/28/2014	22:10:00					Pressure Up To 1500 psi	
02/28/2014	22:10:00	669	0.0	8.40	335.0		
02/28/2014	22:10:22	22	0.0	8.39	335.0		
02/28/2014	22:12:22	1416	0.0	8.40	335.6		
02/28/2014	22:14:22	1413	0.0	8.40	335.7		
02/28/2014	22:16:22	1411	0.0	8.40	335.7		
02/28/2014	22:18:22	1409	0.0	8.40	335.7		

Well			Field	Job Start	Customer	Job Number
Razor Fed 26J-3510B			Wild Cat	Mar/02/2014	Whiting	CMI1-00749
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
02/28/2014	22:22:22	1407	0.0	8.40	335.8	
02/28/2014	22:24:22	1406	0.0	8.40	335.8	
02/28/2014	22:26:22	1406	0.0	8.40	335.8	
02/28/2014	22:28:22	1405	0.0	8.40	335.9	
02/28/2014	22:30:00					Hold 15 Min Casing Test
02/28/2014	22:30:00					Bleed Off
02/28/2014	22:30:00	78	0.0	8.40	335.9	
02/28/2014	22:30:22	15	0.0	8.40	335.9	
02/28/2014	22:32:00					Rig Down
02/28/2014	22:32:00	17	0.0	7.54	337.8	
02/28/2014	22:32:22	15	0.0	8.29	337.8	
02/28/2014	22:34:22	14	1.4	7.80	342.1	
02/28/2014	22:36:22	14	0.0	0.07	343.2	
02/28/2014	22:37:00					End Job
02/28/2014	22:37:00	13	0.0	0.06	343.2	
02/28/2014	22:38:22	13	0.5	0.05	343.2	
02/28/2014	22:40:22	12	3.5	0.04	349.0	
02/28/2014	22:42:22	12	2.6	0.04	355.0	
02/28/2014	22:44:22	11	2.5	0.05	360.3	
02/28/2014	22:46:22	11	3.0	0.04	365.8	
02/28/2014	22:48:22	10	3.1	0.04	372.3	
02/28/2014	22:50:22	10	3.5	0.04	379.2	
02/28/2014	22:52:22	9	3.7	0.04	386.8	
02/28/2014	22:54:22	9	5.3	0.04	396.1	
02/28/2014	22:56:22	8	5.2	0.04	406.5	
02/28/2014	22:58:22	8	5.4	0.04	417.1	
02/28/2014	23:00:22	8	5.8	0.04	428.1	
02/28/2014	23:02:22	7	6.3	0.04	439.9	
02/28/2014	23:04:22	7	6.6	0.04	452.1	
02/28/2014	23:06:22	7	6.9	0.04	465.2	
02/28/2014	23:08:22	5	0.0	0.07	474.2	
02/28/2014	23:10:22	4	2.7	0.04	476.7	
02/28/2014	23:12:22	4	4.1	0.04	483.6	

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	Breakdown	Type	Volume		Density
Avg. N2 Percent		Designed Slurry Volume		Displacement	Mix Water Temp 45 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume
						Washed Thru Perfs <input type="checkbox"/>		To
Customer or Authorized Representative Brady Sharp			Schlumberger Supervisor Jordan Moreland / Mike Alliger			Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
						-		-