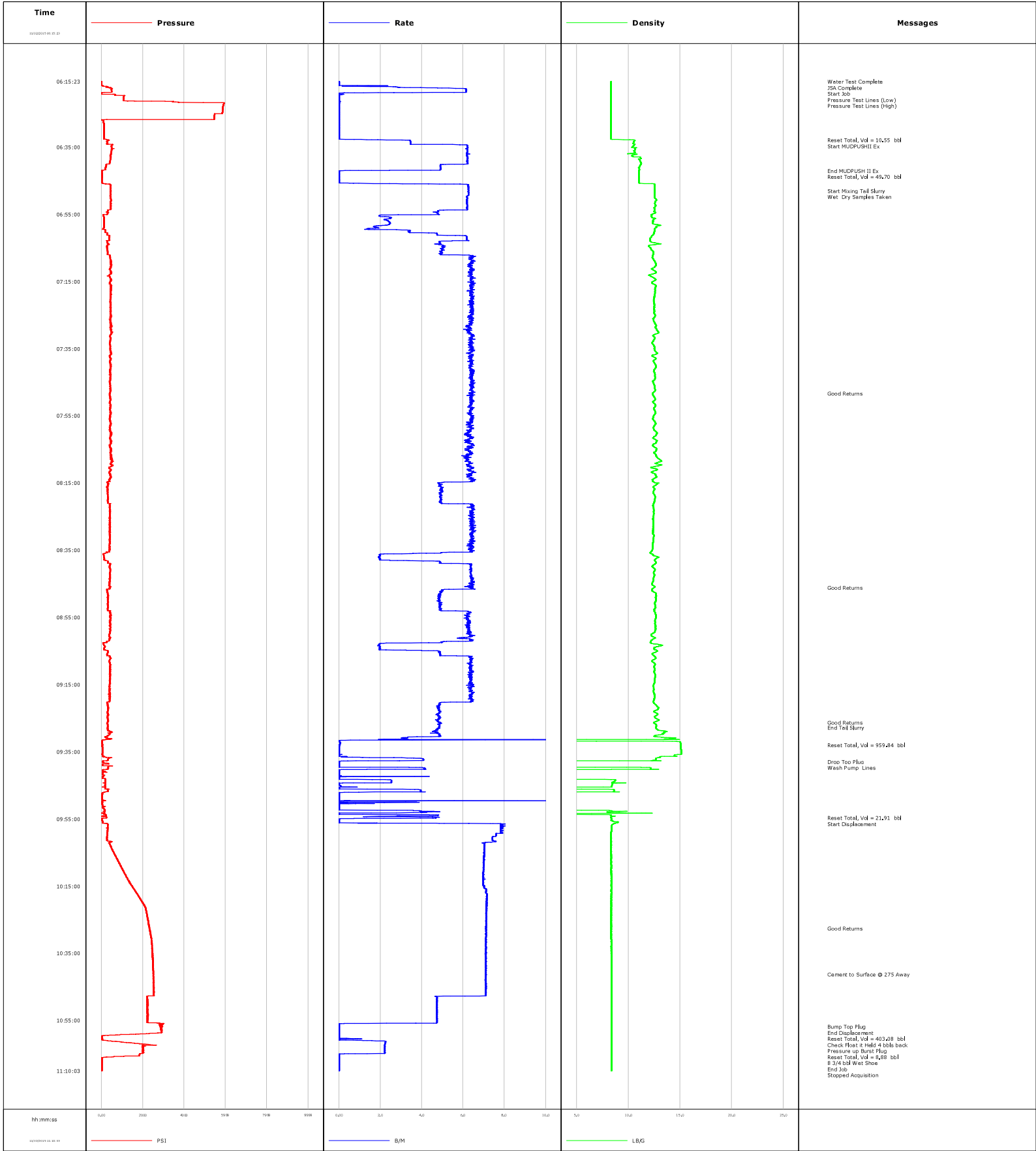


Well	Header 4	Client	Extraction
Field	DJ	SIR No.	CWIN-01468
Engineer	Wayne S Kester/Ken Ssovereign	Job Type	Monobore
Country	United States	Job Date	11-02-2015



Customer						Job Number					
Extraction						CWJN-01468					
Well			Location (Legal)			Schlumberger Location			Job Start		
Meader 4 4			217304			Cheyenne			Nov/02/2015		
Field		Formation Name/Type		Deviation		Bit Size		Well MD		Well TVD	
DJ		Shale		deg		8,8 in		18246,0 ft		18250,0 ft	
County		State/Province		BHP		BHST		BHCT		Pore Press. Gradient	
Weld		Wyoming		4000 psi		220 degF		220 degF		lb/gal	
Well Master		API/UWI									
0631656116		0512342650000									
Rig Name		Drilled For		Service Via		Casing/Liner					
Savanna 802		Oil & Gas		Land							
						Depth, ft		Size, in		Weight, lb/ft	
						18246,2		5,5		20,0	
Offshore Zone		Well Class		Well Type							
		New		Other		0,0		0,0		0,0	
Drilling Fluid Type		Max. Density		Plastic Viscosity		Tubing/Drill Pipe					
LT OBM		9,00 lb/gal		cP							
						T/D		Depth, ft		Weight, lb/ft	
Service Line		Job Type									
Cementing		Monobore									
Max. Allowed Tub. Press		Max. Allowed Ann. Press		WH Connection		Perforations/Open Hole					
psi		psi		5 1/2							
						Top, ft		Bottom, ft		sho/ft	
						ft		ft		ft	
						ft		ft		ft	
						ft		ft		ft	
Service Instructions						Treat Down		Displacement		Packer Type	
M1 (Move in) Schlumberger equipment. 2. Conduct Rig-up, Prime-up and pressure test safety meeting. 3. M1 (Sit up) Schlumberger equipment and pressure test to customer master valve. 4. Conduct wire-log safety meeting. 5. Perform treatment per design pumping schedule and instructions of client representative. 6. Perform low pressure test to 1000 psi and high pressure test to 5000 psi						Casing		401,0 bbl		ft	
						Tubing Vol.		Casing Vol.		Annular Vol.	
						bbl		405,0 bbl		74,0 bbl	
										Openhole Vol. 751,0 bbl	
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement		Casing Tools		Squeeze Job					
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>									
Lift Pressure		3985 psi		Shoe Type		Float		Squeeze Type			
Pipe Rotated		<input type="checkbox"/> Pipe Reciprocated		Shoe Depth		18246,2 ft		Tool Type			
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type		Tool Depth			
								ft			
Cement Head Type		Single		Stage Tool Depth		ft		Tail Pipe Size			
								in			
Job Scheduled For		Arrived on Location		Leave Location		Casing Type		Tail Pipe Depth			
Nov/02/2015		Nov/02/2015		Nov/02/2015				ft			
						Casing Depth		ft		Sep. Total Vol.	
										bbl	
Date	Time 24-hr clock	Flow Rate B/M	Density LB/G	Volume BBL	CPFL_PRESS PSI	Message					
11/02/2015	06:15:23	0,0	8,32	0,0	4	Started Acquisition					
11/02/2015	06:15:29	0,0	8,32	0,0	4	Water Test Complete					
11/02/2015	06:16:19	0,0	8,32	0,0	5	Start Job					
11/02/2015	06:20:21	0,0	8,32	10,1	1073	Pressure Test Lines (Low)					
11/02/2015	06:20:24	0,0	8,32	10,1	1073						
11/02/2015	06:22:18	0,0	8,32	10,1	5906	Pressure Test Lines (High)					
11/02/2015	06:25:25	0,0	8,32	10,1	5476						
11/02/2015	06:30:26	0,0	8,33	0,0	107						
11/02/2015	06:32:53	3,3	10,57	0,5	332	Reset Total, Vol = 10,55 bbl					
11/02/2015	06:33:00	3,4	10,61	0,9	301	Start MUDPUSH II Ex					
11/02/2015	06:35:27	6,2	10,67	12,8	462						
11/02/2015	06:40:28	4,9	11,11	43,3	204						
11/02/2015	06:42:02	0,0	11,00	50,2	15	End MUDPUSH II Ex					
11/02/2015	06:42:03	0,0	11,00	50,2	15	Reset Total, Vol = 49,70 bbl					
11/02/2015	06:45:29	0,0	11,00	50,2	18						
11/02/2015	06:47:59	6,2	12,53	63,6	437	Start Mixing Tail Slurry					
11/02/2015	06:48:12	6,3	12,53	64,9	438	Wet Dry Samples Taken					
11/02/2015	06:50:30	6,2	12,67	79,2	477						
11/02/2015	06:55:31	2,0	12,22	106,5	96						
11/02/2015	07:00:32	4,6	12,48	118,6	272						
11/02/2015	07:05:33	5,0	12,20	145,3	294						

Well		Field		Job Start		Customer		Job Number	
Meador 4 4		DJ		Nov/02/2015		Extraction		CWJN-01468	
Date	Time 24-hr clock	Flow Rate B/M	Density LB/G	Volume BBL	CPFI_PRESS PSI	Message			
11/02/2015	07:15:35	6.4	12.37	207.2	432				
11/02/2015	07:20:36	6.4	12.43	239.4	453				
11/02/2015	07:25:37	6.2	12.51	271.5	445				
11/02/2015	07:30:38	6.4	12.61	303.2	440				
11/02/2015	07:35:39	6.5	12.58	335.3	419				
11/02/2015	07:40:40	6.3	12.64	367.2	468				
11/02/2015	07:45:41	6.3	12.49	399.4	420				
11/02/2015	07:48:20	6.4	12.33	416.4	414	Good Returns			
11/02/2015	07:50:42	6.4	12.37	431.6	439				
11/02/2015	07:55:43	6.4	12.36	463.6	435				
11/02/2015	08:00:44	6.3	12.67	495.3	438				
11/02/2015	08:05:45	6.4	12.55	526.9	457				
11/02/2015	08:10:46	6.3	12.66	558.4	455				
11/02/2015	08:15:47	4.8	12.56	588.7	296				
11/02/2015	08:20:48	4.9	12.49	613.4	323				
11/02/2015	08:25:49	6.4	12.37	645.1	429				
11/02/2015	08:30:50	6.4	12.45	677.4	449				
11/02/2015	08:35:51	4.2	12.13	709.1	177				
11/02/2015	08:40:52	6.3	12.57	730.3	468				
11/02/2015	08:45:53	6.2	12.57	762.3	431				
11/02/2015	08:46:12	6.3	12.44	764.3	452	Good Returns			
11/02/2015	08:50:54	4.8	12.57	787.9	323				
11/02/2015	08:55:55	6.3	12.57	816.3	412				
11/02/2015	09:00:56	6.0	12.54	847.8	415				
11/02/2015	09:05:57	4.9	12.31	867.5	282				
11/02/2015	09:10:58	6.5	12.50	896.8	447				
11/02/2015	09:15:59	6.3	12.44	930.7	438				
11/02/2015	09:21:00	4.8	12.64	961.6	325				
11/02/2015	09:26:01	4.8	12.63	985.7	335				
11/02/2015	09:26:16	4.9	12.46	986.9	326	Good Returns			
11/02/2015	09:27:46	4.8	12.64	994.2	323	End Tail Slurry			
11/02/2015	09:31:02	3.2	14.18	1009.0	438				
11/02/2015	09:33:06	0.0	15.06	1012.0	42	Reset Total, Vol = 959.84 bbl			
11/02/2015	09:36:03	0.0	14.45	1012.0	42				
11/02/2015	09:38:00	0.0	-0.04	1015.9	70	Drop Top Plug			
11/02/2015	09:38:04	0.0	-0.04	1015.9	59	Wash Pump Lines			
11/02/2015	09:41:04	0.0	-0.04	1018.4	128				
11/02/2015	09:46:05	0.0	-0.04	1021.3	153				
11/02/2015	09:51:06	0.0	-0.04	1026.0	32				
11/02/2015	09:54:40	4.7	8.33	1033.1	182	Reset Total, Vol = 21.91 bbl			
11/02/2015	09:55:47	0.0	8.84	1033.9	42	Start Displacement			
11/02/2015	09:56:07	0.0	8.85	1033.9	44				
11/02/2015	10:01:08	7.4	8.33	1071.3	270				
11/02/2015	10:06:09	7.0	8.33	1106.8	700				
11/02/2015	10:11:10	6.9	8.33	1141.9	1115				
11/02/2015	10:16:11	7.1	8.33	1177.0	1624				
11/02/2015	10:21:12	7.1	8.33	1212.7	2109				
11/02/2015	10:26:13	7.1	8.33	1248.4	2283				
11/02/2015	10:27:38	7.1	8.33	1258.5	2319	Good Returns			
11/02/2015	10:31:14	7.1	8.33	1284.0	2429				
11/02/2015	10:36:15	7.1	8.34	1319.6	2484				
11/02/2015	10:41:16	7.1	8.34	1355.2	2514				
11/02/2015	10:41:17	7.1	8.34	1355.3	2509	Cement to Surface @ 275 Away			
11/02/2015	10:46:17	7.1	8.34	1390.8	2521				

Well		Field		Job Start		Customer		Job Number	
Meador 4 4		DJ		Nov/02/2015		Extraction		CWJN-01468	
Date	Time 24-hr clock	Flow Rate B/M	Density LB/G	Volume BBL	CPF1_PRESS PSI	Message			
11/02/2015	10:56:19	0.0	8.34	1439.5	2835				
11/02/2015	10:56:51	0.0	8.34	1439.5	2858	Bump Top Plug			
11/02/2015	10:56:54	0.0	8.34	1439.5	2925	End Displacement			
11/02/2015	10:56:55	0.0	8.34	1439.5	2925	Reset Total, Vol = 403.08 bbl			
11/02/2015	10:58:22	0.0	8.34	1439.5	2906	Check Float it Held 4 bbls back			
11/02/2015	11:01:20	2.2	8.34	1440.5	846				
11/02/2015	11:02:23	2.2	8.34	1442.9	2657	Pressure up Burst Plug			
11/02/2015	11:05:06	0.0	8.34	1448.4	1865	Reset Total, Vol = 8.88 bbl			
11/02/2015	11:05:10	0.0	8.34	1448.4	1844	8 3/4 bbl Wet Shoe			
11/02/2015	11:06:19	0.0	8.34	1448.4	27	End Job			
11/02/2015	11:06:21	0.0	8.34	1448.4	27				

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
5.7			8.0	1458.5	0.0	1458.5	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
5950	24	786	4500			bbl	lb/gal
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume		
%	954.0 bbl	423.6 bbl	59 degF	<input checked="" type="checkbox"/>	128.0 bbl		
Customer or Authorized Representative				Washed Thru Perfs	To		
Shawn McKinstry				<input type="checkbox"/>	ft		
Schlumberger Supervisor				Circulation Lost	Job Completed		
Wayne Silvester/Ken Sovereign				<input type="checkbox"/>		<input checked="" type="checkbox"/>	
				-	-		