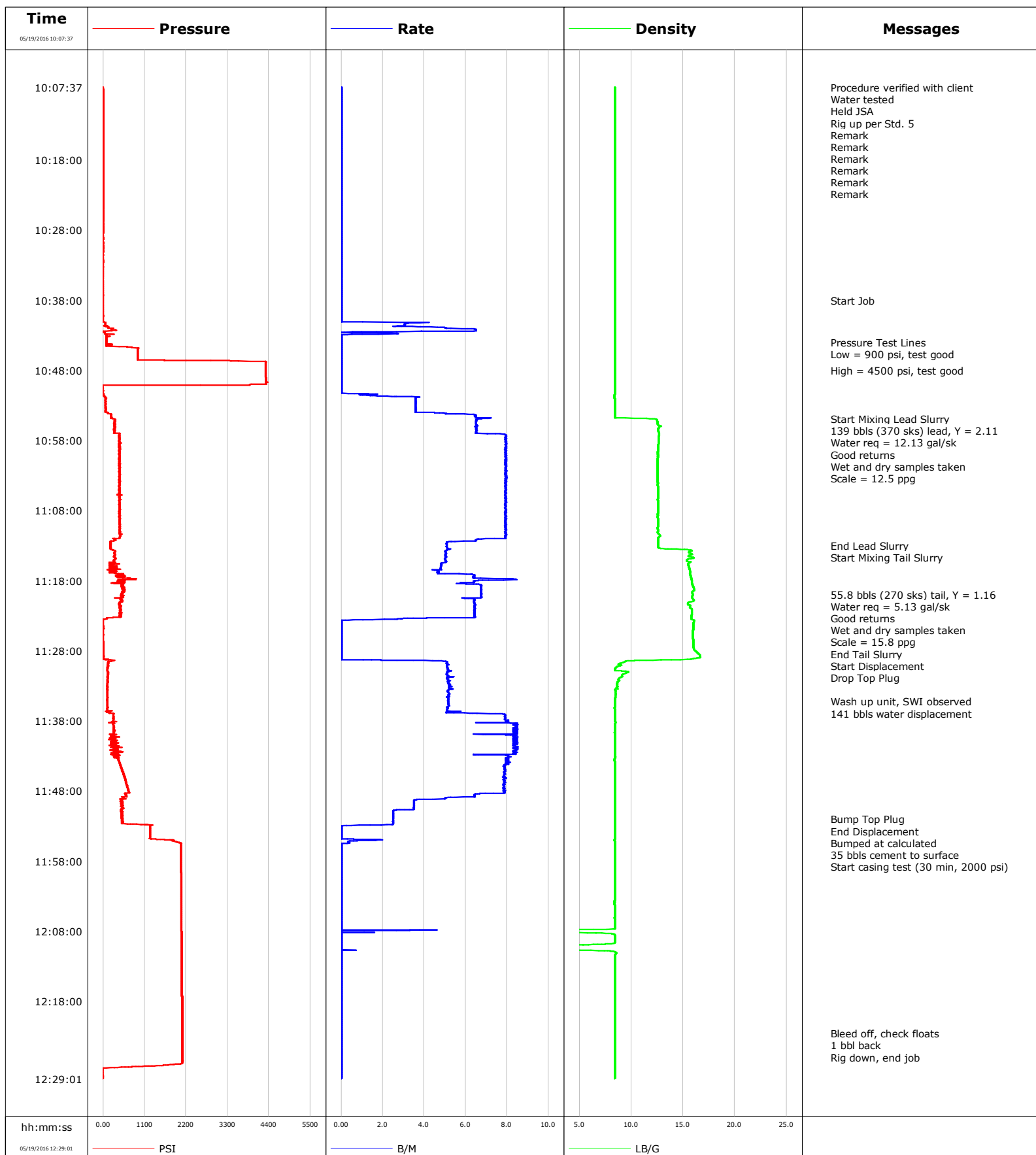


**Well** Land 28N-29HZ  
**Field** DJ  
**Engineer** Langley/Sovereign  
**Country** United States

**Client** Anadarko  
**SIR No.** DJT7-00190  
**Job Type** 9 5/8 Surface  
**Job Date** 05-19-2016



					Customer Anadarko			Job Number DJT7-00190	
Well Land 28N-29HZ 28N-29HZ			Location (legal) Precision 461			Schlumberger Location Cheyenne		Job Start May/19/2016	
Field DJ		Formation Name/Type Shale		Deviation 0 deg		Bit Size 13.5 in		Well MD 1869.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 101 degF		BHCT 81 degF	
Well Master 631662937		API/UWI 5123423940000						Pore Press. Gradient lb/gal	
Rig Name Precision 461		Drilled For Oil		Service Via Land		Casing/ Liner			
						Depth, ft		Size, in	
						Weight, lb/ft		Grade	
Offshore Zone		Well Class New		Well Type Development		30.0		16.0	
						1869.0		9.6	
						65.0		110	
						36.0		110	
Drilling Fluid Type WBM		Max. Density 9.00 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe			
						T/D		Depth, ft	
						Size, in		Weight, lb/ft	
						Grade		Thread	
Service Line Cementing		Job Type 9 5/8 Surface							
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection Single Cement Head		Perforations/Open Hole			
						Top, ft		Bottom, ft	
						shot/ft		No. of Shots	
								Total Interval ft	
						ft		ft	
						ft		ft	
						ft		ft	
						Treat Down Casing		Displacement 141.0 bbl	
						Packer Type		Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. bbl	
						Annular Vol. bbl		Openhole Vol. bbl	
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input type="checkbox"/>				Casing Tools		Squeeze Job	
Lift Pressure psi						Shoe Type Float		Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 1869.0 ft		Tool Type	
No. Centralizers		Top Plugs 1		Bottom Plugs		Stage Tool Type		Tool Depth ft	
Cement Head Type Single						Stage Tool Depth ft		Tail Pipe Size in	
Job Scheduled For May/19/2016		Arrived on Location May/19/2016		Leave Location May/19/2016		Collar Type Float		Tail Pipe Depth ft	
						Collar Depth 1824.0 ft		Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message		
05/19/2016	10:07:37	2	0.0	8.40	14.9	0	Started Acquisition		
05/19/2016	10:07:38	2	0.0	8.40	14.9	0	Procedure verified with client		
05/19/2016	10:07:39	2	0.0	8.40	14.9	0	Remark		
05/19/2016	10:09:37	3	0.0	8.41	0.0	0			
05/19/2016	10:11:37	3	0.0	8.41	0.0	0			
05/19/2016	10:13:37	4	0.0	8.40	0.0	0			
05/19/2016	10:15:37	3	0.0	8.41	0.0	0			
05/19/2016	10:17:37	3	0.0	8.41	0.0	0			
05/19/2016	10:19:37	3	0.0	8.41	0.0	0			
05/19/2016	10:21:37	3	0.0	8.41	0.0	0			
05/19/2016	10:23:37	3	0.0	8.41	0.0	0			
05/19/2016	10:25:37	3	0.0	8.41	0.0	0			
05/19/2016	10:27:37	4	0.0	8.41	0.0	0			
05/19/2016	10:29:37	4	0.0	8.41	0.0	0			
05/19/2016	10:31:37	4	0.0	8.41	0.0	0			
05/19/2016	10:33:37	4	0.0	8.41	0.0	0			
05/19/2016	10:35:37	4	0.0	8.41	0.0	0			
05/19/2016	10:37:37	4	0.0	8.41	0.0	0			
05/19/2016	10:38:00	4	0.0	8.41	0.0	0	Start Job		
05/19/2016	10:39:37	1	0.0	8.41	0.0	0			
05/19/2016	10:41:37	61	3.1	8.40	1.6	0			

Well			Field		Job Start		Customer		Job Number	
Land 28N-29HZ 28N-29HZ			DJ		May/19/2016		Anadarko		DJT7-00190	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message			
05/19/2016	10:44:00	83	0.0	8.40	6.7	0	Pressure Test Lines			
05/19/2016	10:45:00	918	0.0	8.40	6.7	0	Low = 900 psi, test good			
05/19/2016	10:45:37	914	0.0	8.40	6.7	0				
05/19/2016	10:47:37	4315	0.0	8.40	6.7	0				
05/19/2016	10:48:00	4317	0.0	8.40	6.7	0	High = 4500 psi, test good			
05/19/2016	10:49:37	4335	0.0	8.40	6.7	0				
05/19/2016	10:51:37	26	1.5	8.39	7.1	0				
05/19/2016	10:53:37	83	3.6	8.40	14.1	0				
05/19/2016	10:54:55	277	6.7	12.04	21.0	10	Start Mixing Lead Slurry			
05/19/2016	10:54:59	306	6.6	12.38	21.5	10	139 bbls (370 sks) lead, Y = 2.11			
05/19/2016	10:55:00	328	6.6	12.42	21.6	10	Water req = 12.13 gal/sk			
05/19/2016	10:55:37	315	6.5	12.54	25.6	10				
05/19/2016	10:57:02	438	7.1	12.67	34.8	12	Wet and dry samples taken			
05/19/2016	10:57:03	433	7.5	12.67	34.9	12	Scale = 12.5 ppg			
05/19/2016	10:57:37	433	7.9	12.65	39.4	16				
05/19/2016	10:59:37	431	7.9	12.56	55.3	23				
05/19/2016	11:01:37	433	7.9	12.52	71.2	24				
05/19/2016	11:03:37	444	7.9	12.54	87.0	25				
05/19/2016	11:05:37	443	7.9	12.56	102.9	25				
05/19/2016	11:07:37	452	7.9	12.56	118.7	25				
05/19/2016	11:09:37	440	7.9	12.56	134.6	25				
05/19/2016	11:11:37	448	7.9	12.78	150.4	25				
05/19/2016	11:13:00	200	5.1	12.60	159.1	19	End Lead Slurry			
05/19/2016	11:13:37	282	5.1	15.67	162.3	37				
05/19/2016	11:14:00	318	5.0	15.56	164.2	38	Start Mixing Tail Slurry			
05/19/2016	11:15:37	394	4.8	15.48	172.3	41				
05/19/2016	11:17:37	498	6.4	15.77	182.8	41				
05/19/2016	11:19:37	518	6.7	15.89	196.3	43				
05/19/2016	11:20:00	541	6.7	15.94	198.9	43	55.8 bbls (270 sks) tail, Y = 1.16			
05/19/2016	11:21:37	471	6.4	15.67	209.4	44				
05/19/2016	11:22:00	441	6.4	15.80	211.9	50	End Tail Slurry			
05/19/2016	11:23:37	8	0.3	16.04	221.0	0				
05/19/2016	11:25:37	10	0.0	15.95	221.0	0				
05/19/2016	11:27:37	20	0.0	16.00	221.0	0				
05/19/2016	11:29:00	12	0.0	16.53	221.0	0	Start Displacement			
05/19/2016	11:29:37	161	5.1	9.31	1.4	78				
05/19/2016	11:31:37	130	5.1	9.09	11.6	14				
05/19/2016	11:33:37	134	5.1	8.47	22.0	0				
05/19/2016	11:35:12	125	5.2	8.43	30.2	21	Wash up unit, SWI observed			
05/19/2016	11:35:21	123	5.2	8.42	31.0	9	141 bbls water displacement			
05/19/2016	11:35:37	123	5.2	8.43	32.4	27				
05/19/2016	11:37:37	280	7.9	8.40	44.6	0				
05/19/2016	11:39:37	292	8.3	8.40	61.1	0				
05/19/2016	11:41:37	405	8.4	8.40	77.7	0				
05/19/2016	11:43:37	434	7.9	8.39	94.0	0				
05/19/2016	11:45:37	546	7.8	8.41	109.9	0				
05/19/2016	11:47:37	658	7.9	8.40	125.6	0				
05/19/2016	11:49:37	482	3.5	8.41	137.8	0				
05/19/2016	11:51:37	503	2.5	8.40	143.9	0				
05/19/2016	11:52:00	497	2.5	8.40	144.8	0	Bump Top Plug			
05/19/2016	11:53:00	1255	0.0	8.41	147.0	0	Bumped at calculated			
05/19/2016	11:53:37	1251	0.0	8.41	147.0	0				
05/19/2016	11:55:00	1750	1.8	8.37	147.2	0	Start casing test (30 min, 2000 psi)			
05/19/2016	11:55:37	2073	0.0	8.41	147.5	0				

Well			Field		Job Start	Customer		Job Number
Land 28N-29HZ 28N-29HZ			DJ		May/19/2016	Anadarko		DJT7-00190
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message	
05/19/2016	11:59:37	2077	0.0	8.41	147.5	0		
05/19/2016	12:01:37	2079	0.0	8.41	147.5	0		
05/19/2016	12:03:37	2088	0.0	8.40	147.5	0		
05/19/2016	12:05:37	2091	0.0	8.40	147.5	0		
05/19/2016	12:07:37	2088	0.0	8.40	147.5	0		
05/19/2016	12:09:37	2091	0.0	8.41	0.0	0		
05/19/2016	12:11:37	2094	0.0	8.41	0.0	0		
05/19/2016	12:13:37	2097	0.0	8.41	0.0	0		
05/19/2016	12:15:37	2100	0.0	8.41	0.0	0		
05/19/2016	12:17:37	2103	0.0	8.41	0.0	0		
05/19/2016	12:19:37	2105	0.0	8.41	0.0	0		
05/19/2016	12:21:37	2107	0.0	8.41	0.0	0		
05/19/2016	12:22:32	2109	0.0	8.41	0.0	0	Bleed off, check floats	
05/19/2016	12:22:45	2109	0.0	8.41	0.0	0	1 bbl back	
05/19/2016	12:22:52	2109	0.0	8.41	0.0	0	Rig down, end job	
05/19/2016	12:23:37	2110	0.0	8.41	0.0	0		
05/19/2016	12:25:37	2113	0.0	8.41	0.0	0		

### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl							
Slurry 6.3	N2	Mud	Maximum Rate 8.5	Total Slurry 368.9	Mud 0.0	Spacer 0.0	N2					
Treating Pressure Summary, psi					Breakdown Fluid							
Maximum 4340	Final 3	Average 778	Bump Plug to 2000	Breakdown	Type	Volume bbl	Density lb/gal					
Avg. N2 Percent %	Designed Slurry Volume 0.0 bbl	Displacement 120.3 bbl	Mix Water Temp 65 degF	Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl						
				Washed Thru Perfs <input type="checkbox"/>		To ft						
Customer or Authorized Representative Ryan Rhodes			Schlumberger Supervisor Langley/Sovereign			Circulation Lost <input type="checkbox"/>	Job Completed <input type="checkbox"/>					
						-	-					



<b>Service Order #:</b>	
<b>Date:</b>	May/19/2016
<b>Operating Time (hh:mm):</b>	00:00
<b>Client Rep:</b>	Ryan Rhodes
<b>Schlumberger Engineer:</b>	Langley/Sovereign
<b>Schlumberger FSM:</b>	Dan Joelson

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

4	Evaluation				
4a	Main job objective achieved with no consequential non-productive time	10	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	10
Sub-total					100%

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

<b>Client:</b>	<b>Schlumberger:</b>
<b>Client Signature:</b>	<b>Schlumberger Signature:</b>