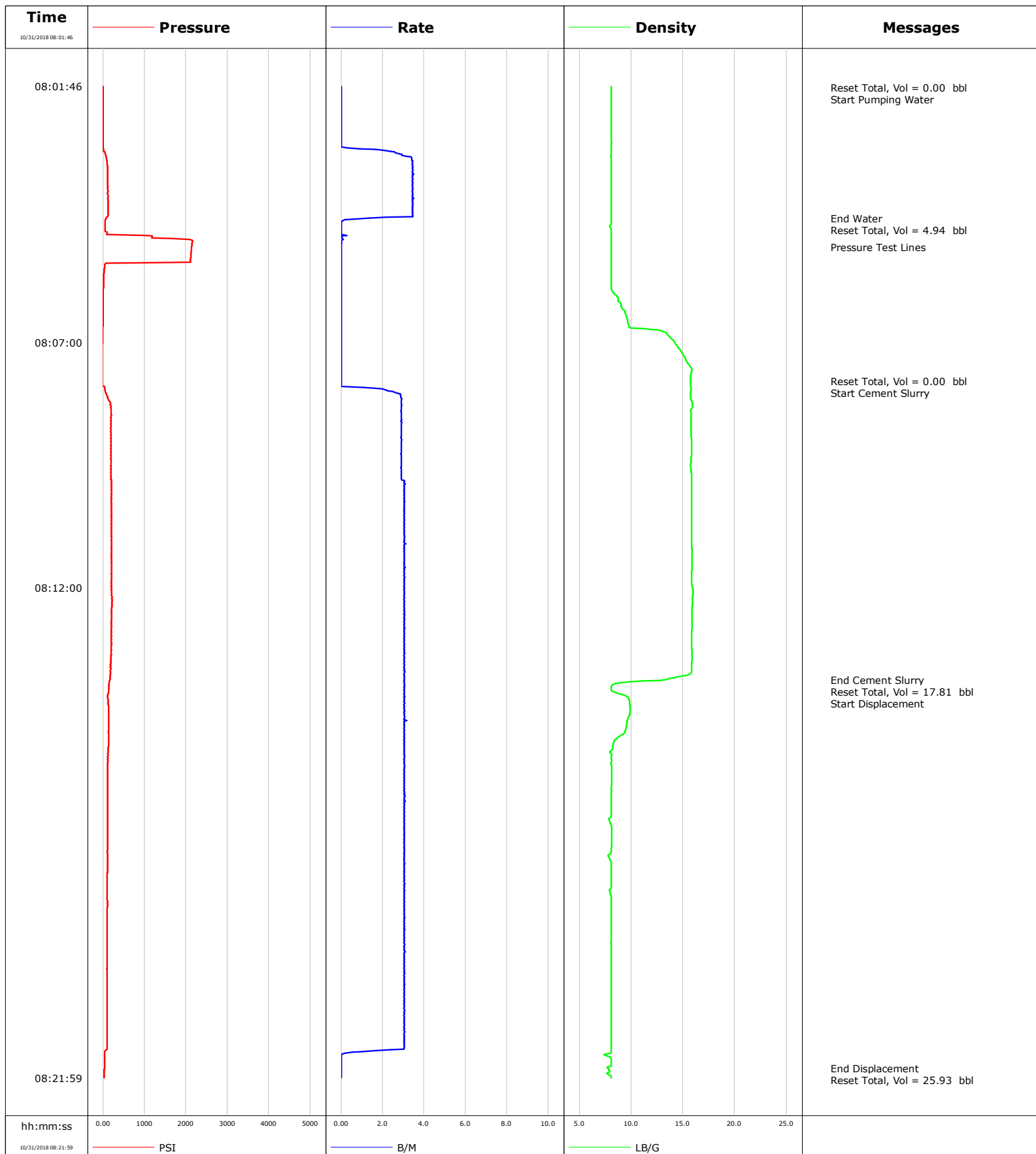


Well HSR-Parker 15-16A
Field DJ
Engineer Richard White
Country United States

Client Anadarko
SIR No. DXVN-01653
Job Type P A Nio Plug
Job Date 10-31-2018



Cementing Service Report

				Customer Anadarko			Job Number DXVN-01653		
Well HSR-Parker 15-16A		Location (legal) CWY		Schlumberger Location Cheyenne			Job Start Oct/31/2018		
Field DJ		Formation Name/Type		Deviation deg		Bit Size in		Well MD 7980.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 220 degF		BHCT 210 degF	
Well Master 630314883		API/UWI						Pore Press. Gradient lb/gal	
Rig Name SPN 724		Drilled For Oil and Gas		Service Via Land		Casing/ Liner			
						Depth, ft		Size, in	
						Weight, lb/ft		Grade	
						Thread			
Offshore Zone		Well Class Old		Well Type Other		7980.0		4.5	
						11.6		n/a	
						0.0		0.0	
Drilling Fluid Type Other		Max. Density 8.40 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe			
						T/D		Depth, ft	
						Size, in		Weight, lb/ft	
						Grade		Thread	
Service Line Cementing		Job Type P & A Nio Plug				T		7980.0	
						2.4		4.7	
						0.0		0.0	
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection 2 3/8" 4.7# T/S		Perforations/Open Hole			
						Top, ft		Bottom, ft	
						shot/ft		No. of Shots	
						Total Interval			
						ft		ft	
						ft		ft	
						ft		ft	
						Diameter		in	
						Treat Down Tubing		Displacement 25.9 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		Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth ft		Tool Type	
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type		Tool Depth ft	
Cement Head Type						Stage Tool Depth ft		Tail Pipe Size in	
Job Scheduled For Oct/31/2018		Arrived on Location Oct/31/2018		Leave Location Oct/31/2018		Collar Type		Tail Pipe Depth ft	
						Collar Depth ft		Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Message				
10/31/2018	08:01:46	0	0.0	8.11	Started Acquisition				
10/31/2018	08:01:48	0	0.0	8.11	Reset Total, Vol = 0.00 bbl				
10/31/2018	08:01:51	0	0.0	8.11	Start Pumping Water				
10/31/2018	08:04:28	78	1.3	8.11	End Water				
10/31/2018	08:04:31	60	0.1	8.11	Reset Total, Vol = 4.94 bbl				
10/31/2018	08:05:03	2138	0.0	8.11	Pressure Test Lines				
10/31/2018	08:07:47	-18	0.0	15.73	Reset Total, Vol = 0.00 bbl				
10/31/2018	08:07:48	-18	0.0	15.73	Start Cement Slurry				
10/31/2018	08:13:52	174	3.0	13.46	End Cement Slurry				
10/31/2018	08:13:53	165	3.0	12.83	Reset Total, Vol = 17.81 bbl				
10/31/2018	08:13:56	151	3.0	8.90	Start Displacement				
10/31/2018	08:21:47	37	0.0	7.68	End Displacement				

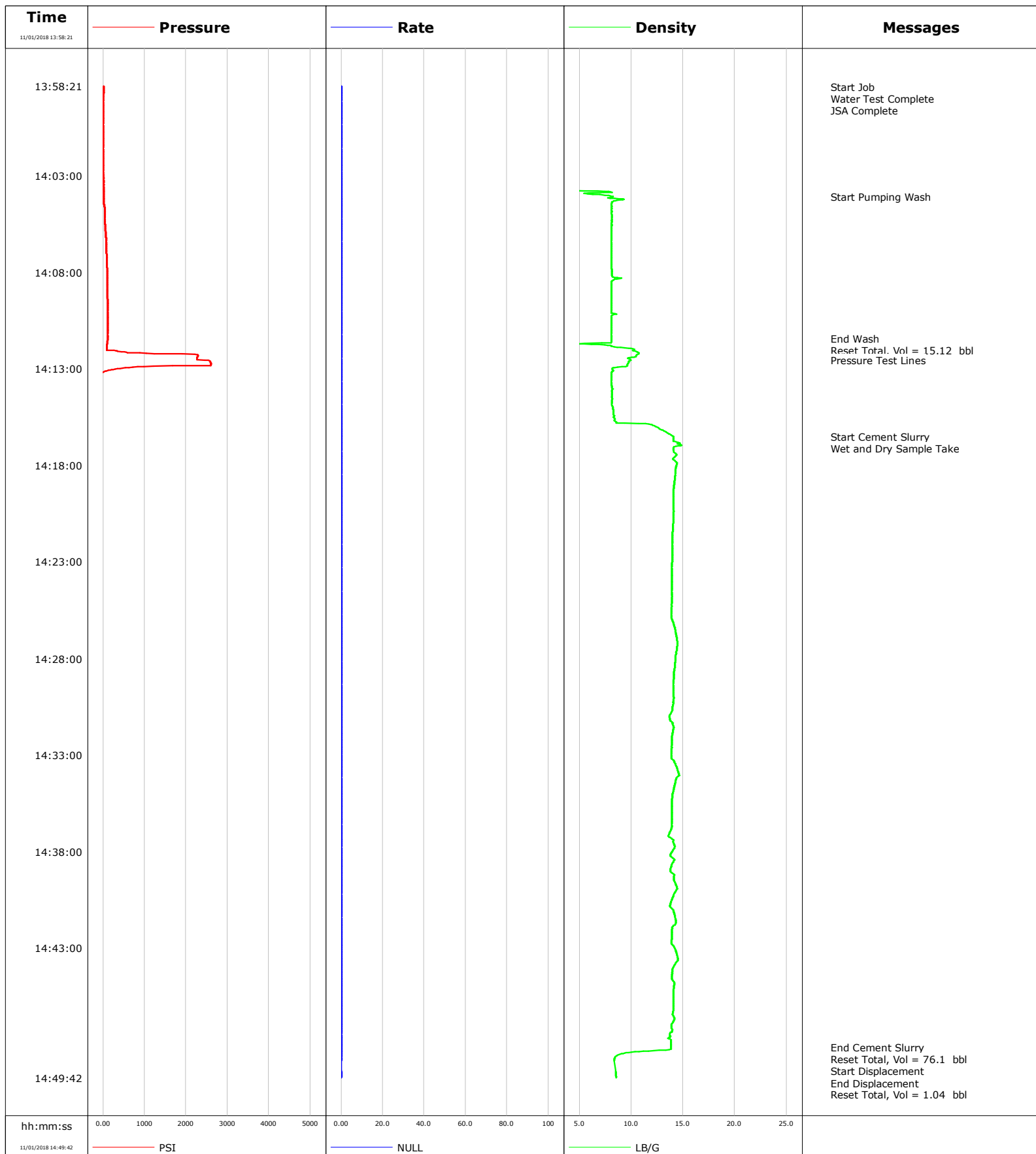
Well HSR-Parker 15-16A	Field DJ	Job Start Oct/31/2018	Customer Anadarko	Job Number DXVN-01653
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 3.0	N2	Mud	Maximum Rate 3.5		Total Slurry 45.5	Mud 0.0	Spacer 0.0	N2		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 2161	Final 32	Average 189	Bump Plug to	Breakdown	Type		Volume bbl		Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 0.0 bbl		Displacement 22.9 bbl		Mix Water Temp degF		Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl
								Washed Thru Perfs <input type="checkbox"/>		To ft
Customer or Authorized Representative Jensine Doyle				Schlumberger Supervisor Richard White				Circulation Lost <input type="checkbox"/>		Job Completed <input type="checkbox"/>
								-		-

Well PARKER 15-16A
Field DJ
Engineer Wayne Silvester
Country USA

Client ANADARKO
SIR No. DXVN-01654
Job Type Plug Abandon
Job Date 11-01-2018



				Customer ANADARKO			Job Number DXVN-01654	
Well PARKER 15-16A			Location (legal) 21704		Schlumberger Location Cheyenne		Job Start Nov/01/2018	
Field DJ		Formation Name/Type		Deviation deg	Bit Size in	Well MD 1355.0 ft		Well TVD 1355.0 ft
County Weld		State/Province Colorado		BHP psi	BHST 90 degF	BHCT 80 degF	Pore Press. Gradient lb/gal	
Well Master 630314883		API/UWI 5123203360000						
Rig Name	Drilled For Oil and Gas	Service Via Land	Casing/ Liner					
			Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class Old	Well Type Other	1355.0	4.5	11.6	N/A	N/A	
			775.0	8.6	24.0	N/A	N/A	
Drilling Fluid Type		Max. Density lb/gal	Plastic Viscosity cP	Tubing/Drill Pipe				
				T/D	Depth, ft	Size, in	Weight, lb/ft	Grade
					1355.0	2.4	4.7	N/A
					0.0	0.0	0.0	
Service Line Cementing		Job Type Plug & Abandon		Perforations/Open Hole				
Max. Allowed Tub. Press psi	Max. Allowed Ann. Press psi	WH Connection 2 3/8" 4.7# T/S	Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval	
Service Instructions Stub Plug 275 sks 1.55 ft3/sk 7.914 gps = 76 bbls Est Toc= 59 ft CW7= 15 bbl CMT= 76 bbl @ 14 ppg Displace = 1 bbl			ft	ft			ft	
			ft	ft			Diameter	
			ft	ft			in	
			Treat Down Tubing	Displacement 1.0 bbl	Packer Type	Packer Depth ft		
Tubing Vol. 5.2 bbl	Casing Vol. bbl	Annular Vol. bbl	Openhole Vol. 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 psi				Shoe Type			Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth ft			Tool Type	
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Type			Tool Depth ft	
Cement Head Type				Stage Tool Depth ft			Tail Pipe Size in	
Job Scheduled For Nov/01/2018		Arrived on Location Nov/01/2018	Leave Location Nov/01/2018	Collar Type			Tail Pipe Depth ft	
				Collar Depth ft			Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Flow Rate B/M	Density LB/G	Volume B/M	Pressure PSI	Message		
11/01/2018	13:58:21	0.0	0.01	0.0	9	Started Acquisition		
11/01/2018	13:58:24	0.0	-0.00	0.0	14	Start Job		
11/01/2018	13:58:26	0.0	-0.00	0.0	14	Water Test Complete		
11/01/2018	14:03:22	0.0	0.01	0.0	14			
11/01/2018	14:04:05	0.0	8.28	0.0	14	Start Pumping Wash		
11/01/2018	14:08:23	0.0	8.37	2.2	96			
11/01/2018	14:11:26	0.0	8.10	2.2	119	End Wash		
11/01/2018	14:11:29	0.0	8.10	2.2	119	Reset Total, Vol = 15.12 bbl		
11/01/2018	14:12:34	0.0	9.94	0.0	2545	Pressure Test Lines		
11/01/2018	14:13:24	0.0	8.11	0.0	-165			
11/01/2018	14:16:31	0.0	14.07	0.0	-403	Start Cement Slurry		
11/01/2018	14:16:33	0.0	14.07	0.0	-403	Wet and Dry Sample Take		
11/01/2018	14:18:25	0.0	14.25	2.2	-229			
11/01/2018	14:23:26	0.0	13.92	2.2	-233			
11/01/2018	14:28:27	0.0	14.22	2.2	-165			
11/01/2018	14:33:28	0.0	14.27	2.2	-211			
11/01/2018	14:38:29	0.0	14.10	2.2	-243			
11/01/2018	14:43:30	0.0	14.48	2.2	-206			
11/01/2018	14:48:08	0.0	13.82	2.2	-179	End Cement Slurry		
11/01/2018	14:48:09	0.0	13.82	2.2	-179	Reset Total, Vol = 76.1 bbl		
11/01/2018	14:48:11	0.0	13.81	2.2	-179	Start Displacement		

Well			Field		Job Start	Customer		Job Number	
PARKER 15-16A			DJ		Nov/01/2018	ANADARKO		DXVN-01654	
Date	Time 24-hr clock	Flow Rate B/M	Density LB/G	Volume B/M	Pressure PSI	Message			
11/01/2018	14:48:36	0.0	8.53	2.2	-174	End Displacement			
11/01/2018	14:48:38	0.0	8.46	1.1	-197	Reset Total, Vol = 1.04 bbl			
11/01/2018	14:48:49	0.0	8.38	0.0	-320	End Job			
11/01/2018	14:48:50	0.0	8.38	0.0	-330	Stopped Acquisition			
11/01/2018	14:49:20	0.0	8.51	0.0	-407	Started Acquisition			

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl						
Slurry 2.1	N2	Mud	Maximum Rate 2.5		Total Slurry 76.0	Mud 0.0	Spacer 15.0	N2			
Treating Pressure Summary, psi					Breakdown Fluid						
Maximum 2600	Final -41	Average 167	Bump Plug to	Breakdown	Type	Volume bbl		Density lb/gal			
Avg. N2 Percent %	Designed Slurry Volume 76.0 bbl		Displacement 1.0 bbl	Mix Water Temp 63 degF	Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl				
					Washed Thru Perfs <input type="checkbox"/>		To ft				
Customer or Authorized Representative Jensine Doyle			Schlumberger Supervisor Wayne Silvester			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>				
						-	-				