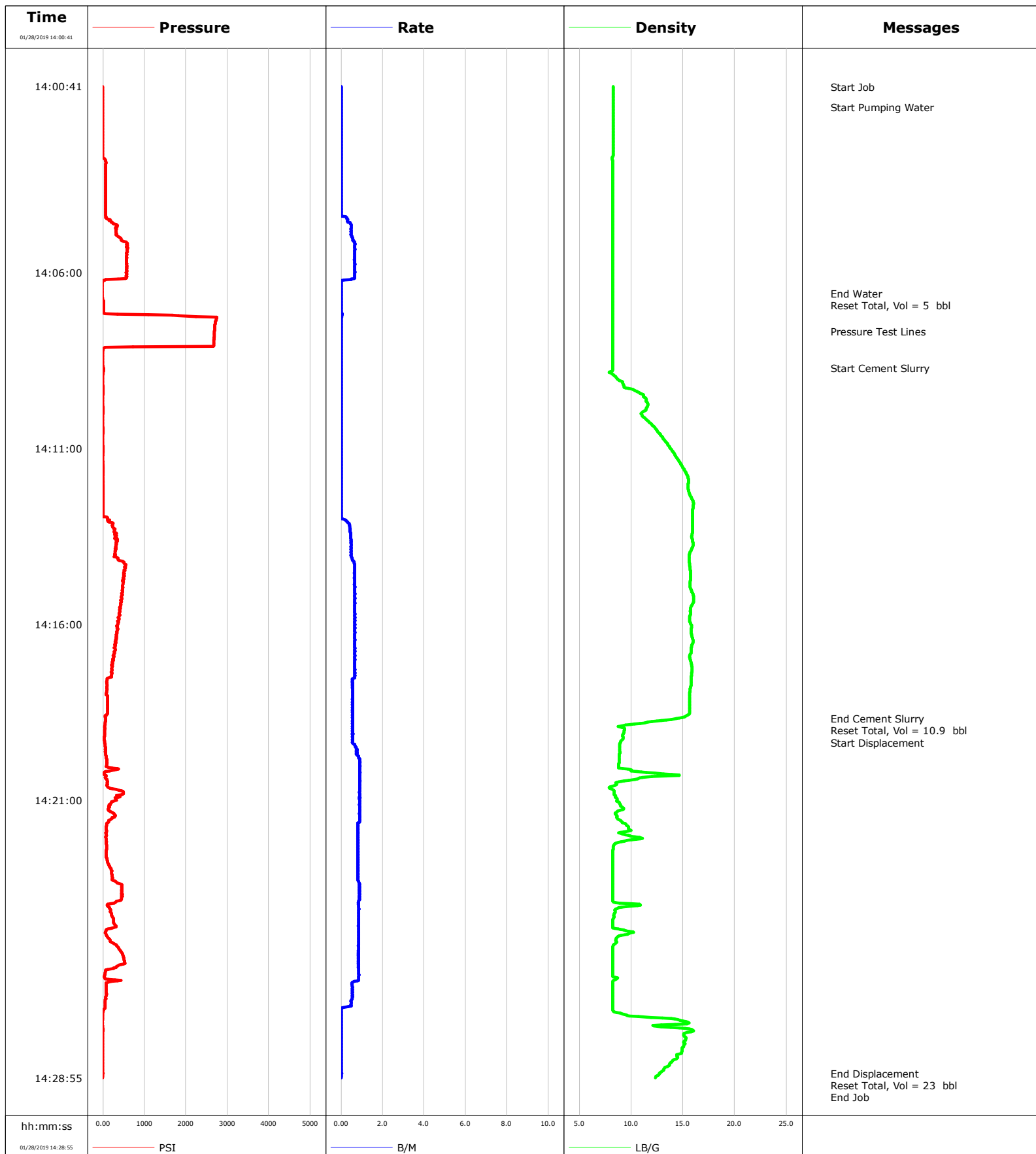


Well SHURVIEW-20-3
Field DJ
Engineer LUIS JIMENEZ
Country United States

Client ANADARKO PETROLEUM
SIR No. 2908438
Job Type NIO PLUG
Job Date 01-28-2019



Cementing Service Report

				Customer ANADARKO PETROLEUM		Job Number 2908438	
Well SHURVIEW-20-3 0630853516			Location (legal) WELD		Schlumberger Location CHEYENNE		Job Start Jan/28/2019
Field DJ		Formation Name/Type		Deviation deg	Bit Size in	Well MD 6750.0 ft	Well TVD 6750.0 ft
County WELD		State/Province Colorado		BHP psi	BHST degF	BHCT degF	Pore Press. Gradient lb/gal
Well Master		API/UWI					
Rig Name BASIC# 1652		Drilled For Oil & Gas		Service Via Land		Casing/ Liner	
Offshore Zone N/A		Well Class Old		Well Type Workover		Depth, ft 6750.0	
						Size, in 4.5	
						Weight, lb/ft 11.6	
						Grade N80	
						Thread N/A	
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe	
Service Line Cementing		Job Type NIO PLUG		T/D		Depth, ft 6750.0	
						Size, in 2.4	
						Weight, lb/ft 4.7	
						Grade J55	
						Thread N/A	
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	
				ft		ft	
				ft		ft	
				ft		ft	
				Treat Down Tubing		Displacement 23.0 bbl	
				Packer Type		Packer Depth ft	
				Tubing Vol. 10.9 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 Jan/28/2019		Arrived on Location Jan/28/2019		Leave Location Jan/28/2019		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	Volume BBL	Message	
01/28/2019	14:00:43	-5	0.0	8.28	0.0	Start Job	
01/28/2019	14:01:17	-5	0.0	8.28	0.0	Start Pumping Water	
01/28/2019	14:06:36	-14	0.0	8.23	5.0	End Water	
01/28/2019	14:06:39	-14	0.0	8.23	5.0	Reset Total, Vol = 5 bbl	
01/28/2019	14:07:41	2687	0.0	8.23	5.1	Pressure Test Lines	
01/28/2019	14:08:42	9	0.0	8.22	5.1	Start Cement Slurry	
01/28/2019	14:18:42	69	0.6	14.34	46.9	End Cement Slurry	
01/28/2019	14:18:43	69	0.6	13.90	47.0	Reset Total, Vol = 10.9 bbl	
01/28/2019	14:18:48	55	0.6	11.63	47.1	Start Displacement	
01/28/2019	14:28:48	-5	0.0	12.75	72.0	End Displacement	
01/28/2019	14:28:51	-5	0.0	12.59	72.0	Reset Total, Vol = 23 bbl	

Well SHURVIEW-20-3 0630853516	Field DJ	Job Start Jan/28/2019	Customer ANADARKO PETROLEUM	Job Number 2908438
---	--------------------	---------------------------------	---------------------------------------	------------------------------

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl						
Slurry 2.5	N2		Mud	Maximum Rate 3.1	Total Slurry 10.9	Mud 0.0		Spacer 5.0	N2		
Treating Pressure Summary, psi					Breakdown Fluid						
Maximum 2747	Final -5	Average 341	Bump Plug to	Breakdown	Type		Volume bbl		Density lb/gal		
Avg. N2 Percent %		Designed Slurry Volume 10.9 bbl		Displacement 23.0 bbl		Mix Water Temp 48 degF		Cement Circulated to Surface?	<input type="checkbox"/>	Volume bbl	
								Washed Thru Perfs		<input type="checkbox"/>	To ft
Customer or Authorized Representative BRANDON TRACY				Schlumberger Supervisor LUIS JIMENEZ				Circulation Lost	<input type="checkbox"/>	Job Completed	<input checked="" type="checkbox"/>
								-		-	



Cementing Service Report

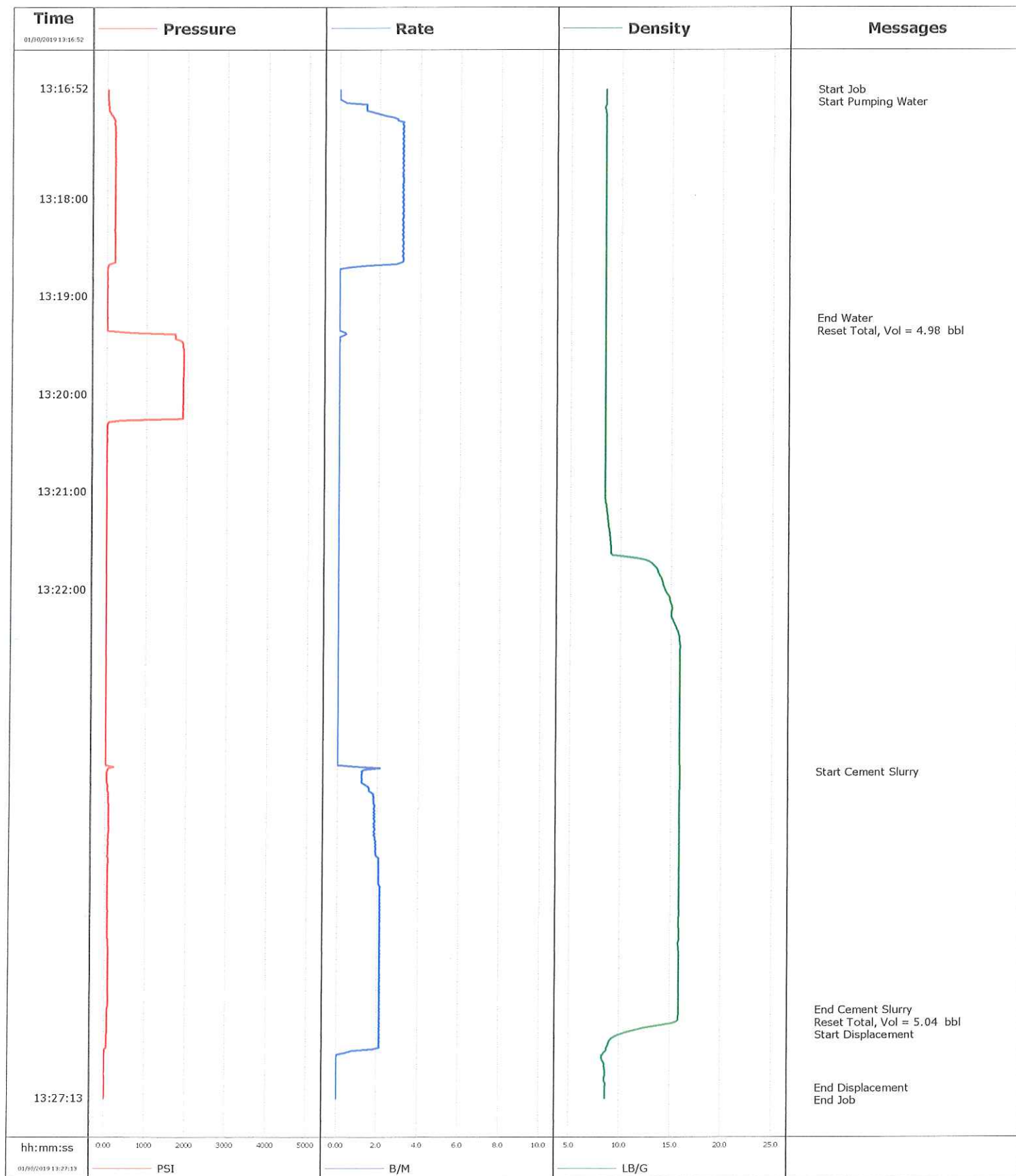
Customer Anadarko				Job Number		
Well E9LW-00014		Location (legal)		Schlumberger Location Cheyenne		
Field DJ		Formation Name/Type		Job Start Jan/29/2019		
County Weld		State/Province Colorado		Well MD 1450.0 ft		
Well Master		API/UWI		Well TVD 1450.0 ft		
Rig Name		Drilled For Gas		Service Via Land		
Offshore Zone		Well Class Old		Well Type Workover		
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cP		
Service Line Cementing		Job Type Stub Plug		Casing/Liner		
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection 2 3/8" 4.7# T/S		
Service Instructions 105 sks 1.55ft3/sk 7.914 gps 27.7 bbls @ 14 ppg 15 bbls CW 27.7 bbls CMT @ 14 ppg 3.6 bbls Displacement EST TOC 1009 FT		Perforations/Open Hole		Tubing/Drill Pipe		
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>		Casing Tools		
Lift Pressure psi		Pipe Rotated <input type="checkbox"/> Pipe Reciprocated <input type="checkbox"/>		Shoe Type		
No. Centralizers		Top Plugs		Shoe Depth ft		
Cement Head Type		Bottom Plugs		Tool Type		
Job Scheduled For Jan/29/2019		Arrived on Location Jan/29/2019		Stage Tool Type		
		Leave Location Jan/29/2019		Tool Depth ft		
				Stage Tool Depth ft		
				Tail Pipe Size in		
				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	Volume BBL	Message
01/29/2019	15:35:24	8	0.0	0.02	0.0	Started Acquisition
01/29/2019	15:35:26	8	0.0	0.01	0.0	Start Job
01/29/2019	15:37:19	17	0.0	8.40	0.0	Start Pumping Wash
01/29/2019	15:40:25	-3750	0.0	-6.25	0.0	
01/29/2019	15:45:26	8	0.0	-6.25	0.0	
01/29/2019	15:49:18	22	0.0	8.22	9.2	End Wash
01/29/2019	15:49:33	17	0.0	8.41	9.2	Reset Total, Vol = 15.22 bbl
01/29/2019	15:50:18	2544	0.0	8.40	9.2	Pressure Test Lines
01/29/2019	15:50:27	2540	0.0	8.40	9.2	
01/29/2019	15:55:28	13	0.0	10.44	9.2	
01/29/2019	16:00:29	13	0.0	11.02	12.2	
01/29/2019	16:05:30	4	0.0	10.19	12.2	
01/29/2019	16:10:31	4	0.0	8.50	12.2	
01/29/2019	16:15:32	4	0.0	9.28	12.2	
01/29/2019	16:20:21	4	0.0	14.14	12.2	Start Cement Slurry
01/29/2019	16:20:33	72	0.0	14.07	12.2	
01/29/2019	16:25:34	127	2.0	13.87	27.1	
01/29/2019	16:30:28	118	2.0	13.35	36.8	End Cement Slurry
01/29/2019	16:30:30	118	2.0	13.34	36.8	Reset Total, Vol = 27.62 bbl
01/29/2019	16:30:32	118	2.0	12.90	36.9	Start Displacement
01/29/2019	16:30:35	118	2.0	10.79	37.0	

Well E9LW-00014			Field DJ		Job Start Jan/29/2019		Customer Anadarko		Job Number	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
01/29/2019	16:32:10	4	0.0	8.39	39.9	Reset Total, Vol = 3..6 bbl				
01/29/2019	16:32:14	4	0.0	8.23	39.9	End Job				
01/29/2019	16:35:36	-1	0.0	10.41	39.9					
01/29/2019	16:40:37	8	0.0	9.33	39.9					

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 2.6	N2	Mud	Maximum Rate 3.7	Total Slurry 27.7	Mud 0.0	Spacer 15.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 2563	Final 4	Average 122	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 27.7 bbl		Displacement 3.6 bbl	Mix Water Temp 38 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl		
					Washed Thru Perfs <input type="checkbox"/>	To ft		
Customer or Authorized Representative David Almaraz			Schlumberger Supervisor R Pippin			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
						-	-	

Well	Shur View 20-3	Client	Anadarko
Field	DJ	SIR No.	E9LW-00015
Engineer	R Pippin	Job Type	Foxhill Plug
Country	United States	Job Date	01-30-2019



Cementing Service Report

				Customer Anadarko		Job Number E9LW-00015	
Well Shur View 20-3			Location (legal)		Schlumberger Location Cheyenne		Job Start Jan/30/2019
Field DJ	Formation Name/Type		Deviation deg	Bit Size in	Well MD 500.0 ft	Well TVD 500.0 ft	
County Weld	State/Province Colorado		BHP psi	BHST degF	BHCT degF	Pore Press. Gradient lb/gal	
Well Master		API/UWI					
Rig Name	Drilled For Gas	Service Via Land	Casing/Liner				
			Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Offshore Zone	Well Class Old	Well Type Workover	500.0	8.6	24.0	j55	8rd
			0.0	0.0	0.0		
Drilling Fluid Type		Max. Density lb/gal	Plastic Viscosity cP	Tubing/Drill Pipe			
				T/D	Depth, ft	Size, in	Weight, lb/ft
							Grade
							Thread
Service Line Cementing	Job Type Foxhill Plug		T	500.0	2.4	4.7	j55
				0.0	0.0	0.0	EUE
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
Service Instructions 25 sks 1.16ft3/sk 5.129 gps 5.2 bbls @ 15.8 ppg 5 bbls Fresh Water 5.2 bbls CMT @ 15.8 ppg .5 bbl Displacement EST TOC 419 FT						Total Interval ft	
						Diameter in	
Treat Down Tubing		Displacement 0.5 bbl		Packer Type		Packer Depth ft	
Tubing Vol. 1.9 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 Jan/30/2019	Arrived on Location Jan/30/2019	Leave Location Jan/30/2019	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	Volume BBL	Message	
01/30/2019	13:16:52	17	0.0	8.41	0.0	Started Acquisition	
01/30/2019	13:16:53	17	0.0	8.41	0.0	Start Job	
01/30/2019	13:16:54	17	0.0	8.41	0.0	Start Pumping Water	
01/30/2019	13:19:14	8	0.0	8.41	5.0	End Water	
01/30/2019	13:19:16	8	0.0	8.41	5.0	Reset Total, Vol = 4.98 bbl	
01/30/2019	13:21:53	8	0.0	13.97	5.0		
01/30/2019	13:23:53	45	1.2	15.91	5.1	Start Cement Slurry	
01/30/2019	13:26:19	68	2.1	15.85	9.9	End Cement Slurry	
01/30/2019	13:26:23	72	2.1	15.83	10.0	Reset Total, Vol = 5.04 bbl	
01/30/2019	13:26:25	68	2.1	15.79	10.1	Start Displacement	
01/30/2019	13:26:54	4	0.0	8.57	10.7		
01/30/2019	13:27:07	4	0.0	8.63	10.7	End Displacement	

Well Shur View 20-3	Field DJ	Job Start Jan/30/2019	Customer Anadarko	Job Number E9LW-00015
-------------------------------	--------------------	---------------------------------	-----------------------------	---------------------------------

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 2.3	N2	Mud	Maximum Rate 3.1	Total Slurry 5.0	Mud 0.0	Spacer 5.2	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 1908	Final 4	Average 217	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 5.2 bbl	Displacement 0.5 bbl	Mix Water Temp 48 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl			
				Washed Thru Perfs <input type="checkbox"/>	To ft			
Customer or Authorized Representative David Almaraz			Schlumberger Supervisor R Pippin		Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
					-	-		