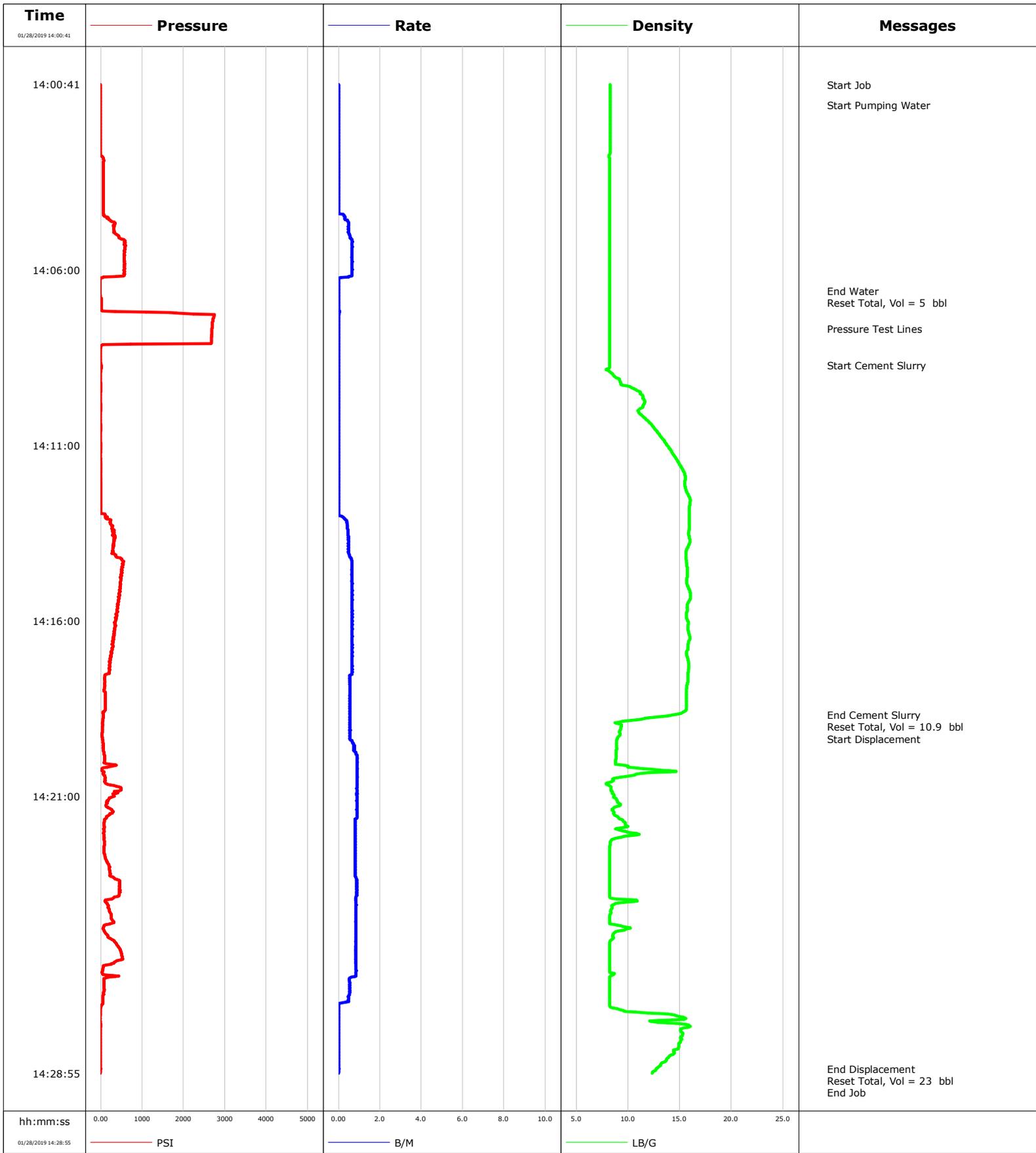


Well	SHURVIEW-20-3	Client	ANADARKO PETROLEUM
Field	DJ	SIR No.	2908438
Engineer	LUIS JIMENEZ	Job Type	NIO PLUG
Country	United States	Job Date	01-28-2019



				Customer		Job Number	
				ANADARKO PETROLEUM		2908438	
Well		Location (legal)		Schlumberger Location		Job Start	
SHURVIEW-20-3 0630853516		WELD		CHEYENNE		Jan/28/2019	
Field		Formation Name/Type		Deviation	Bit Size	Well MD	Well TVD
DJ				deg	in	6750.0 ft	6750.0 ft
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient
WELD		Colorado		psi	degF	degF	lb/gal
Well Master		API/UWI					
Rig Name	Drilled For	Service Via	Casing/Liner				
BASIC# 1652	Oil & Gas	Land	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Offshore Zone	Well Class	Well Type	6750.0	4.5	11.6	N80	N/A
N/A	Old	Workover	0.0	0.0	0.0		
Drilling Fluid Type		Max. Density	Plastic Viscosity	Tubing/Drill Pipe			
		lb/gal	cP	T/D	Depth, ft	Size, in	Weight, lb/ft
Service Line		Job Type		6750.0	2.4	4.7	J55
Cementing		NIO PLUG		0.0	0.0	0.0	N/A
Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection		Perforations/Open Hole			
psi	psi	2 3/8" 4.7# T/S		Top, ft	Bottom, ft	shot/ft	No. of Shots
Service Instructions 40 sks 1.53 ft3/sk 6.3 gps @ 15.8 ppg 5 bbls Water 10.9 bbls CMT= 40 sks 23 bbls Disp. est. TOC= 6049 ft NIO PLUG				ft	ft		Total Interval
				ft	ft		Diameter
				ft	ft		in
				Treat Down	Displacement	Packer Type	Packer Depth
Tubing	23.0 bbl		ft				
Tubing Vol.	Casing Vol.	Annular Vol.	Openhole Vol.				
10.9 bbl	bbl	bbl	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	
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Type		Tool Depth	
						ft	
Cement Head Type				Stage Tool Depth		ft	
Job Scheduled For		Arrived on Location	Leave Location	Collar Type		Tail Pipe Depth	
Jan/28/2019		Jan/28/2019	Jan/28/2019			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
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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		To ft	
				Washed Thru Perfs <input type="checkbox"/>				
Customer or Authorized Representative BRANDON TRACY			Schlumberger Supervisor LUIS JIMENEZ		Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
					-	-		



Cementing Service Report

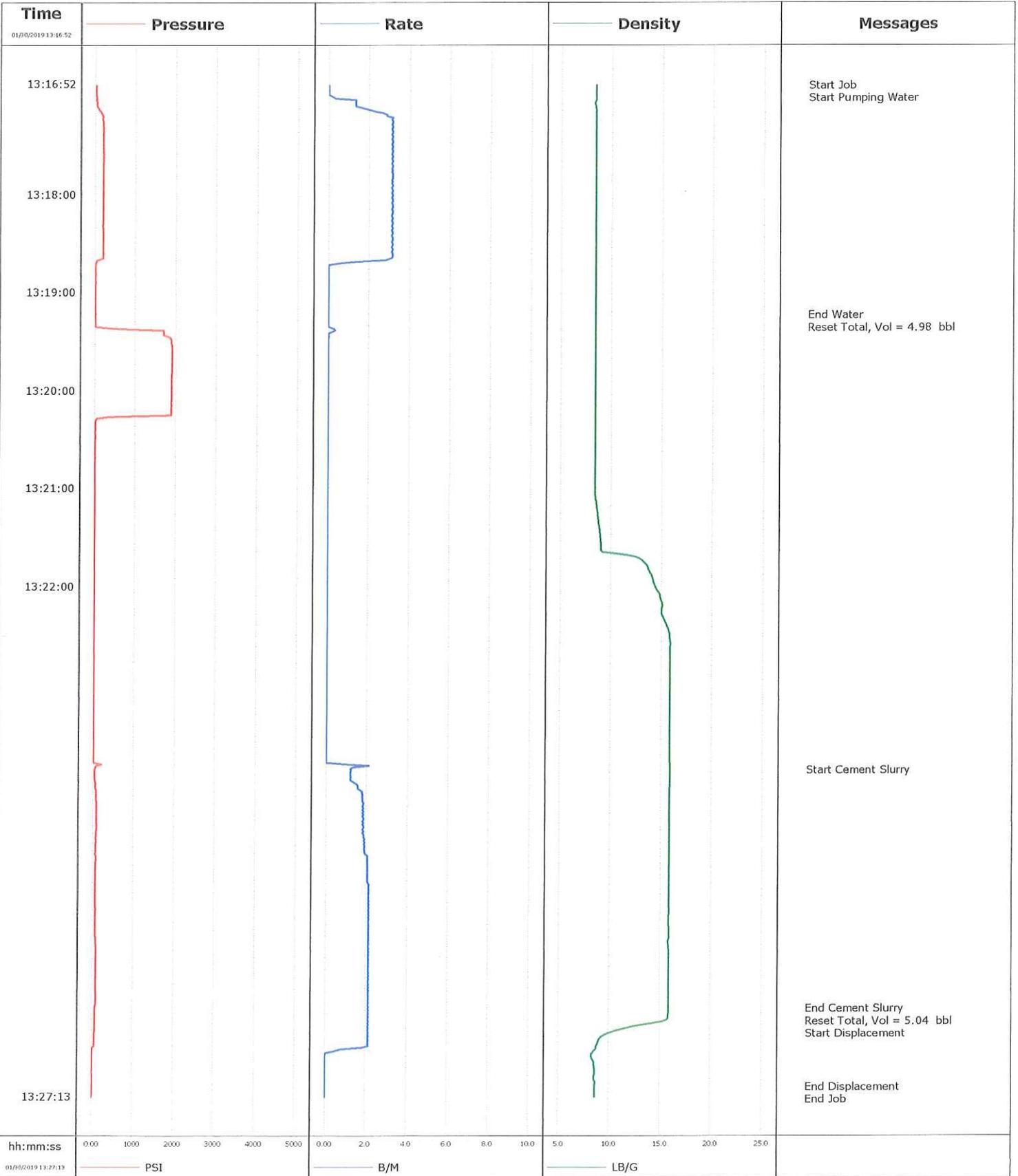
				Customer Anadarko		Job Number	
Well E9LW-00014		Location (legal)		Schlumberger Location Cheyenne		Job Start Jan/29/2019	
Field DJ		Formation Name/Type		Deviation deg	Bit Size in	Well MD 1450.0 ft	Well TVD 1450.0 ft
County Weld		State/Province Colorado		BHP psi	BHST degF	BHCT degF	Pore Press. Gradient 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	1249.0	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 Stub Plug		T	1490.0	2.4	4.7	j55
				0.0	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			Diameter in
			ft	ft			
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				Treat Down Tubing	Displacement 3.6 bbl	Packer Type	Packer Depth ft
			Tubing Vol. 5.8 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/29/2019		Arrived on Location Jan/29/2019		Leave Location Jan/29/2019		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	
01/29/2019	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		Field		Job Start		Customer		Job Number	
E9LW-00014		DJ		Jan/29/2019		Anadarko			
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	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2	
2.6			3.7	27.7	0.0	15.0		
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density	
2563	4	122				bbl	lb/gal	
Avg. N2 Percent %	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input type="checkbox"/>	Volume	bbl	
	27.7 bbl	3.6 bbl	38 degF	Washed Thru Perfs	<input type="checkbox"/>	To	ft	
Customer or Authorized Representative	Schlumberger Supervisor			Circulation Lost	<input type="checkbox"/>	Job Completed	<input checked="" type="checkbox"/>	
David Almaraz	R Pippin			-		-		

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



				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	EUE
						0.0		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	
Service Instructions 25 sks 1.16ft3/sk 5.129 gps 5.2 bbls @ 15.8 ppg						ft		ft			Diameter in	
5 bbls Fresh Water 5.2 bbls CMT @ 15.8 ppg .5 bbl Displacement EST TOC 419 FT						ft		ft				
						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
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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"/>		