

				Customer Noble		Job Number E7RM-00394	
Well Leonard C21-16			Location (legal) CWY		Schlumberger Location Cheyenne		Job Start Oct/10/2019
Field DJ		Formation Name/Type		Deviation deg	Bit Size in	Well MD 6872.0 ft	Well TVD 6872.0 ft
County Weld		State/Province Colorado		BHP psi	BHST 220 degF	BHCT 210 degF	Pore Press. Gradient lb/gal
Well Master 1234		API/UWI					
Rig Name Rigless		Drilled For Oil and Gas		Service Via Land		Casing/Liner	
				Depth, ft	Size, in	Weight, lb/ft	Grade
Offshore Zone		Well Class Old		Well Type Other			Thread
				6872.0	4.5	11.6	n/a
				0.0	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 MIT Plug		T	6872.0	2.4	4.7
					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
							Diameter
							in
Service Instructions MIT Plug From 6872 ft to 6200 ft 70 bbl water 9.3 bbl cmt @15.8ppg 1.16 y 45 sks 5.13 gps 24 bbl Disp.				Treat Down Tubing		Displacement 24.0 bbl	Packer Type
							Packer Depth
							ft
				Tubing Vol. 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		Tool Depth ft	
Cement Head Type				Stage Tool Type		Tool Depth ft	
				Stage Tool Depth ft		Tail Pipe Size in	
Job Scheduled For Oct/10/2019		Arrived on Location Oct/10/2019		Leave Location Oct/10/2019		Collar Type	
						Tail Pipe Depth ft	
						Collar Depth ft	
						Sgz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
10/09/2019	12:25:09	0.0	0.0	0.0	0.0	Started Acquisition	
10/09/2019	12:26:29	0.0	0.0	0.0	0.0	Reset Total, Vol = 0.84 bbl	
10/09/2019	12:30:09	0.0	0.0	0.0	0.0		
10/09/2019	12:35:09	0.0	0.0	0.0	0.0		
10/09/2019	12:40:09	0.0	0.0	0.0	0.0		
10/09/2019	12:42:45	0.0	0.0	0.0	0.0	start water	
10/09/2019	12:45:09	0.0	0.0	0.0	0.0		
10/09/2019	12:50:09	0.0	0.0	0.0	0.0		
10/09/2019	12:55:09	0.0	0.0	0.0	0.0		
10/09/2019	13:00:09	0.0	0.0	0.0	0.0		
10/09/2019	13:05:09	0.0	0.0	0.0	0.0		
10/09/2019	13:10:09	0.0	0.0	0.0	0.0		
10/09/2019	13:15:09	0.0	0.0	0.0	0.0		
10/09/2019	13:20:09	0.0	0.0	0.0	0.0		
10/09/2019	13:25:09	0.0	0.0	0.0	0.0		
10/09/2019	13:30:09	0.0	0.0	0.0	0.0		
10/09/2019	13:33:23	0.0	0.0	0.0	0.0	Reset Total, Vol = 70.08 bbl end water start cmt	
10/09/2019	13:35:09	0.0	0.0	0.0	0.0		
10/09/2019	13:36:25	0.0	0.0	0.0	0.0	Reset Total, Vol = 9.37 bbl end cmt start disp	
10/09/2019	13:40:09	0.0	0.0	0.0	0.0		
10/09/2019	13:45:09	0.0	0.0	0.0	0.0		

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Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
10/09/2019	13:50:09	0.0	0.0	0.0	0.0				
10/09/2019	13:55:09	0.0	0.0	0.0	0.0				
10/09/2019	14:00:09	0.0	0.0	0.0	0.0				

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final 0	Average	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 0.0 bbl		Displacement bbl	Mix Water Temp degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl		
Customer or Authorized Representative Wes M.					Washed Thru Perfs <input type="checkbox"/>	To ft		
					Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
					"		"	