

				Customer Noble			Job Number	
Well Gutterson D33-23			Location (legal)			Schlumberger Location		Job Start Feb/11/2020
Field DJ		Formation Name/Type		Deviation deg	Bit Size in	Well MD ft	Well TVD 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 Oil	Service Via Land		Casing/Liner				
		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread		
Offshore Zone	Well Class Old	Well Type Rigless		2500.0	4.5	11.6	J55	
		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 Plug							
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		Total Interval	
				ft	ft		ft	
				ft	ft		Diameter	
				ft	ft		in	
				Treat Down Tubing	Displacement 29.0 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		Stage Tool Type		Tool Depth ft		
Cement Head Type				Stage Tool Depth ft		Tail Pipe Size in		
Job Scheduled For Feb/11/2020	Arrived on Location Feb/11/2020		Leave Location Feb/11/2020		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		
02/11/2020	08:36:23	54	0.2	8.47	0.0	Started Acquisition		
02/11/2020	08:39:00	425	0.9	8.49	0.0	Pressure Test Lines		
02/11/2020	08:40:00	1426	0.0	8.48	0.0	Test to 1500 psi		
02/11/2020	08:53:40	284	1.2	8.48	0.0	Pressure Up to 500 psi		
02/11/2020	08:54:41	448	0.0	8.48	0.0	Shot Perfs		
02/11/2020	09:05:55	16	0.0	8.48	0.0	Start Pumping Water		
02/11/2020	09:06:00	15	0.0	8.48	0.0	20 bbl Water		
02/11/2020	09:21:44	870	2.1	8.34	0.0	End Water		
02/11/2020	09:41:14	120	0.0	8.50	0.0	Start Cement Slurry		
02/11/2020	09:42:00	120	0.0	8.51	0.0	Wet and Dry Samples		
02/11/2020	09:58:48	48	2.3	15.88	0.0	End Cement Slurry		
02/11/2020	09:58:49	49	2.3	15.88	0.0	Start Displacement		
02/11/2020	09:59:00	56	2.2	15.81	0.0	29 bbl Water		
02/11/2020	10:11:20	295	2.3	8.47	0.0	End Displacement		
02/11/2020	11:17:48	-8	0.1	8.49	0.0	Pressure Test Plug		
02/11/2020	11:30:48	-7	0.0	8.54	0.0	Pressure Up to 500 psi		
02/11/2020	11:30:50	-7	0.0	8.54	0.0	Shot Perfs		
02/11/2020	11:42:00	-10	0.0	8.48	0.0	10 bbl Chem Wash		
02/11/2020	11:47:40	160	2.5	8.48	0.0	End Wash		
02/11/2020	11:47:41	161	2.5	8.48	0.0	Start Pumping Water		
02/11/2020	11:48:00	167	2.5	8.48	0.0	73 bbl Water		

Well Gutterson D33-23	Field DJ	Job Start Feb/11/2020	Customer Noble	Job Number
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry 38.2	Mud	Spacer 20.0	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 38.2 bbl	Displacement 29.0 bbl	Mix Water Temp 61 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl	Washed Thru Perfs <input type="checkbox"/>	To ft	
Customer or Authorized Representative Chris Hohnstien			Schlumberger Supervisor Matt Lelker		Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		

				Customer Noble			Job Number	
Well Guttersen D33-23			Location (legal)			Schlumberger Location		Job Start Feb/14/2020
Field DJ		Formation Name/Type		Deviation deg	Bit Size in	Well MD ft	Well TVD ft	
County Weld		State/Province Colorado		BHP psi	BHST degF	BHCT degF	Pore Press. Gradient lb/gal	
Well Master		API/UWI 0512323720						
Rig Name Rigless	Drilled For Oil	Service Via Land	Casing/Liner					
			Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class Old	Well Type Rigless	997.0	4.5	11.6	N/A	8RD	
			797.0	8.6	0.0	N/A	8RD	
Drilling Fluid Type		Max. Density lb/gal	Plastic Viscosity cP	Tubing/Drill Pipe				
				T/D	Depth, ft	Size, in	Weight, lb/ft	
Service Line Cementing	Job Type Surface Plug							
Max. Allowed Tub. Press psi	Max. Allowed Ann. Press psi	WH Connection	Perforations/Open Hole					
			Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval ft	
			ft	ft				
			ft	ft			Diameter in	
			ft	ft				
			Treat Down Casing	Displacement 0.3 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	Stage Tool Type		Tool Depth ft			
Cement Head Type			Stage Tool Depth ft		Tail Pipe Size in			
Job Scheduled For Feb/12/2020	Arrived on Location Feb/12/2020	Leave Location Feb/12/2020	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		
02/12/2020	08:42:33	0	0.0	0.01	0.0	Started Acquisition		
02/12/2020	08:45:00	-1	0.0	0.01	0.0	Start Job		
02/12/2020	08:46:00	2	0.0	8.50	0.0	Flush Lines		
02/12/2020	08:47:33	57	0.3	8.49	0.0			
02/12/2020	08:48:00	160	0.0	8.47	0.0	Pressure Test Lines		
02/12/2020	08:50:00	17	0.0	8.49	0.0	Start Pumping Spacer		
02/12/2020	08:52:33	11	0.0	8.49	0.0			
02/12/2020	08:57:33	99	2.4	8.48	0.0			
02/12/2020	08:58:00	100	2.6	10.08	0.0	Start Cement Slurry		
02/12/2020	09:02:33	82	3.2	15.87	0.0			
02/12/2020	09:07:33	84	3.2	15.89	0.0			
02/12/2020	09:12:33	84	3.2	15.86	0.0			
02/12/2020	09:17:33	86	2.5	15.76	0.0			
02/12/2020	09:22:00	83	1.4	15.89	0.0	Start Displacement		
02/12/2020	09:22:33	83	1.4	15.88	0.0			
02/12/2020	09:24:00	19	0.0	14.46	0.0	End Job		
02/12/2020	09:27:33	82	2.6	10.81	0.0			
02/12/2020	09:32:33	193	3.6	8.49	0.0			
02/12/2020	09:37:33	29	2.3	5.55	0.0			
02/12/2020	09:42:33	13	0.0	0.01	0.0			
02/12/2020	09:52:33	-6	0.0	0.01	0.0			

Well			Field		Job Start		Customer		Job Number	
Guttersen D33-23			DJ		Feb/14/2020		Noble			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
02/12/2020	10:07:33	-6	0.0	0.01	0.0					
02/12/2020	10:17:33	-6	0.0	0.01	0.0					
02/12/2020	10:22:33	-7	0.0	0.01	0.0					
02/12/2020	10:27:33	-6	0.0	0.01	0.0					
02/12/2020	10:32:33	-5	0.0	0.01	0.0					
02/12/2020	10:37:33	-5	0.0	0.01	0.0					
02/12/2020	10:42:33	-4	0.0	0.01	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	
				70.0		10.0		
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density	
	0					bbl	lb/gal	
Avg. N2 Percent %	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume		
	70.0 bbl		0.3 bbl	degF	<input type="checkbox"/>	bbl		
Customer or Authorized Representative			Schlumberger Supervisor		Washed Thru Perfs	To		
Chris Hohnstein			Justin Zika		<input type="checkbox"/>	ft		
					Circulation Lost	Job Completed		
					<input type="checkbox"/>	<input checked="" type="checkbox"/>		