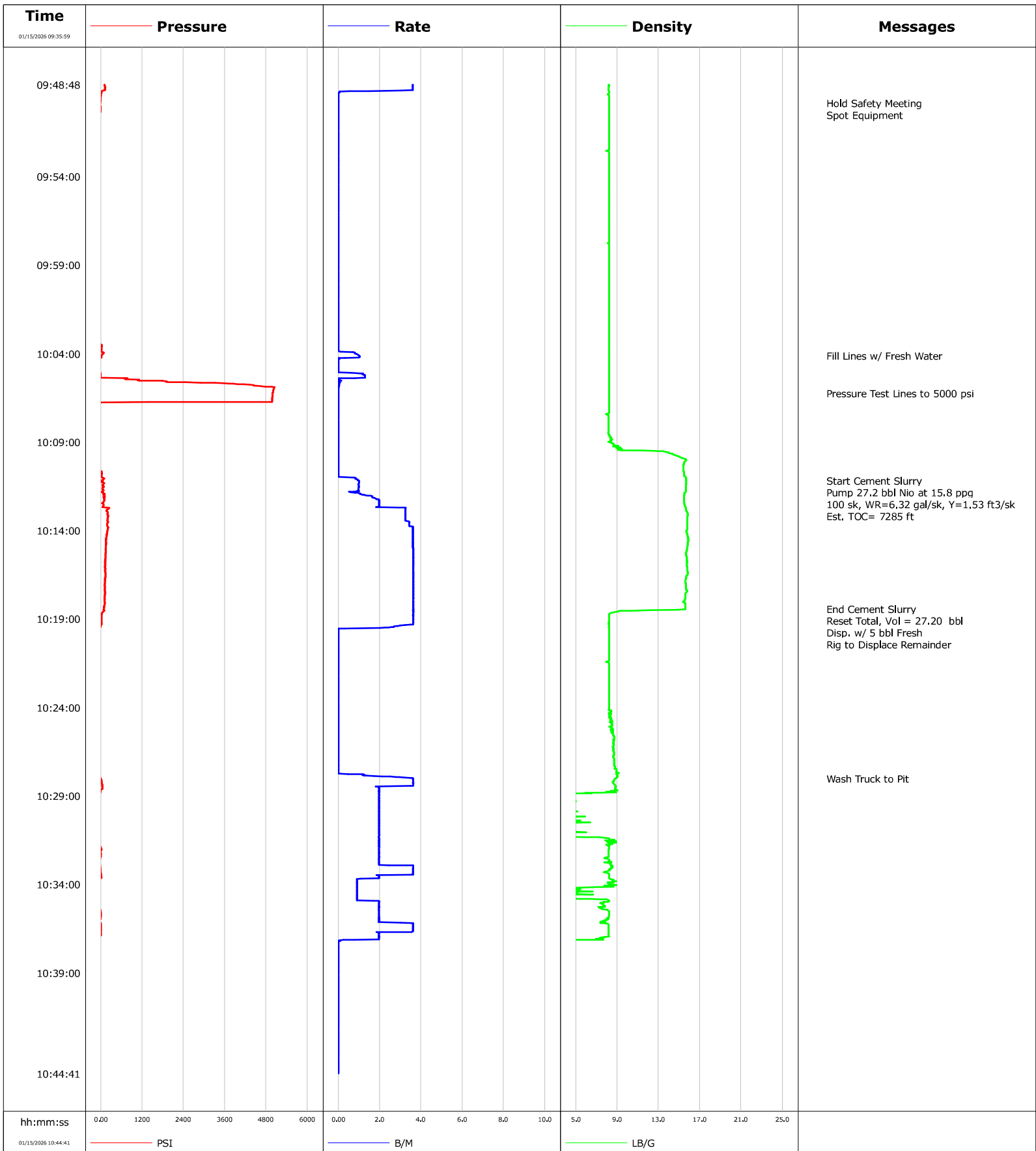


Well	OLSON 1-X	Client	OXY
Field	Wattenberg	SIR No.	A.1063462.11.21
Engineer	Thomas Bailey	Job Type	PA Step #26
Country	United States	Job Date	01-15-2026



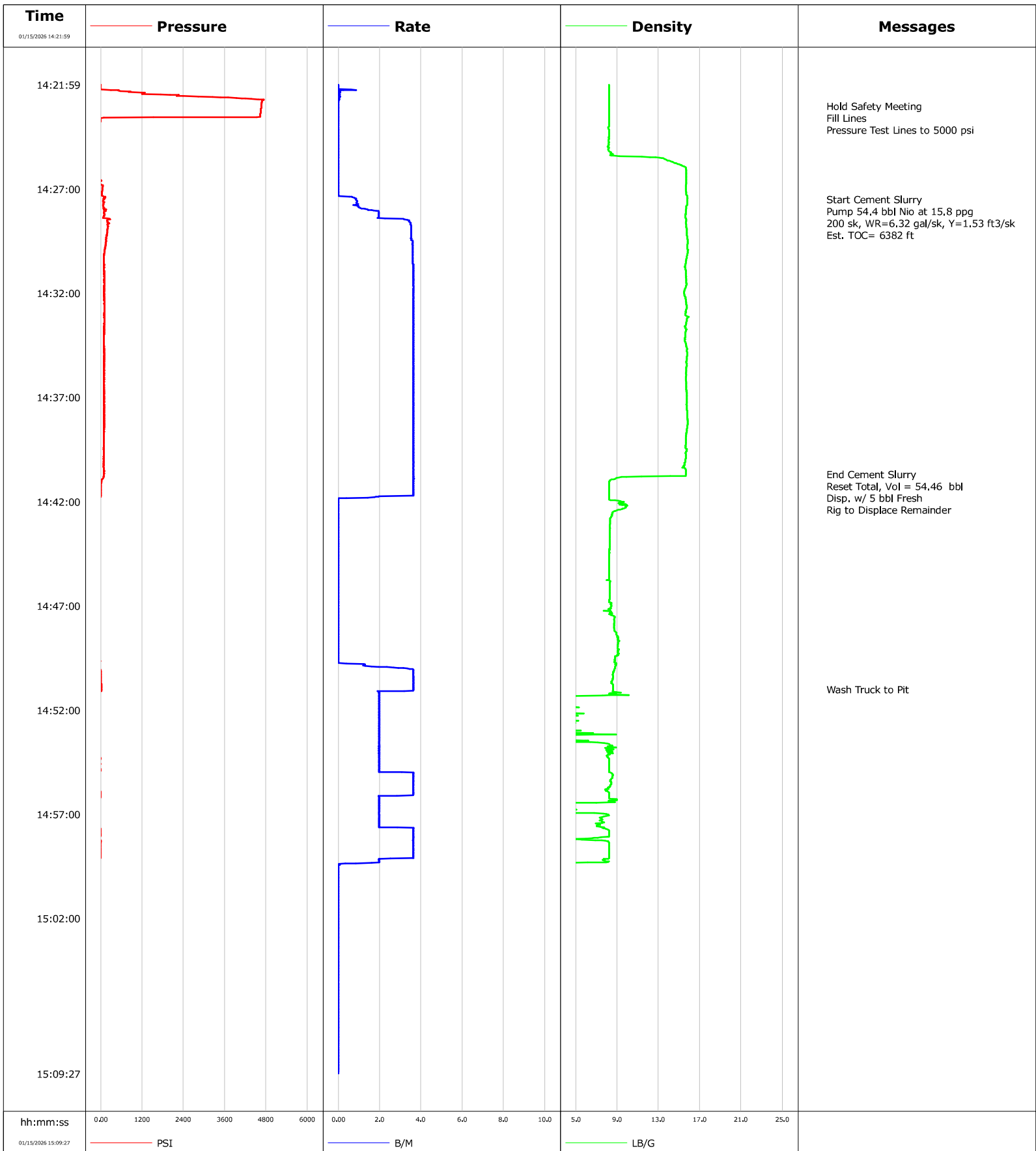
				Customer			Job Number		
				OXY			A.1063462.11.21		
Well		Location (legal)		Schlumberger Location			Job Start		
OLSON 1-X		Ensign #122		Cheyenne, WY			Jan/15/2026		
Field		Formation Name/Type		Deviation	Bit Size	Well MD		Well TVD	
Wattenberg				deg	7.9 in	9328.0 ft		9328.0 ft	
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient		
Weld		Colorado		psi	210 degF	190 degF	lb/gal		
Well Master		API/UWI							
65714013		05-123-06144-00-00							
Rig Name	Drilled For		Service Via	Casing/Liner					
Ensign #122	Oil & Gas		Land	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class		Well Type	526.0	10.8	40.0			
N/a	Old		Workover	0.0	0.0	0.0			
Drilling Fluid Type		Max. Density	Plastic Viscosity	Tubing/Drill Pipe					
Spud Mud		8.40 lb/gal	1.000 cP	T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line	Job Type		D	7485.0	4.5	0.0			
Cementing	P&A Step #26		0.0	0.0	0.0	0.0			
Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection		Perforations/Open Hole					
psi	psi	4 1/2" IF DP pin		Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval	
				ft	ft			ft	
				ft	ft			Diameter	
				ft	ft			in	
Service Instructions		Treat Down	Displacement		Packer Type		Packer Depth		
Pressure Test: 5000 psi Estimated BOC = 7485' ; Estimated TOC = 7285' Cement Type Density = Niobrara @ 15.8 ppg Volume = 27.2 bbl ; Sacks = 100 sks Yield = 1.53 ft ³ /sk ; GPS = 6.32 gal/sk Water: Temp 71;Cl <500 ; pH 7		Drill Pipe	104.0 bbl				ft		
D907 (G Cement)= 94 lbs/sk BWOB /// D800 (Retarder) = 0.30% BWOB D167 (Fluid Loss) = .40% BWOB /// D065 (Dispersant) = .2% BWOB B547 (GASBLOK) = .4% BWOB /// D030 (Silica) = 35% BWOB		Tubing Vol.	Casing Vol.		Annular Vol.		Openhole Vol.		
		bbl	bbl		bbl		27.2 bbl		
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement		Casing Tools			Squeeze Job		
<input type="checkbox"/>		<input type="checkbox"/>							
Lift Pressure		psi		Shoe Type			Squeeze Type		
Pipe Rotated		Pipe Reciprocated		Shoe Depth			Tool Type		
<input type="checkbox"/>		<input type="checkbox"/>		ft					
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Type			Tool Depth		
							ft		
Cement Head Type				Stage Tool Depth			Tail Pipe Size		
				ft			in		
Job Scheduled For		Arrived on Location		Leave Location		Collar Type		Tail Pipe Depth	
Jan/15/2026 07:00		Jan/15/2026 07:00		Jan/16/2026 07:00				ft	
				Collar Depth		Sqz. Total Vol.			
				ft		bbl			
Date	Time 24-hr clock	Treating Pressure B/M	Flow Rate B/M	Density LB/G	Total Volume BBL	Message			
01/15/2026	09:35:59	0.0	0.0	0.01	0.0	Started Acquisition			
01/15/2026	09:49:50	0.0	0.0	8.22	2.3	Hold Safety Meeting			
01/15/2026	09:50:00	0.0	0.0	8.22	2.3	Spot Equipment			
01/15/2026	10:04:07	0.0	1.0	8.23	2.5	Fill Lines w/ Fresh Water			
01/15/2026	10:06:15	0.0	0.0	8.22	3.0	Pressure Test Lines to 5000 psi			
01/15/2026	10:11:10	0.0	0.9	15.68	3.1	Start Cement Slurry			
01/15/2026	10:11:20	0.0	1.0	15.68	3.3	Pump 27.2 bbl Nio at 15.8 ppg			
01/15/2026	10:11:30	0.0	1.0	15.67	3.5	100 sk, WR=6.32 gal/sk, Y=1.53 ft ³ /sk			
01/15/2026	10:11:40	0.0	1.0	15.66	3.6	Est. TOC= 7285 ft			
01/15/2026	10:18:26	0.0	3.6	15.62	25.7	End Cement Slurry			
01/15/2026	10:18:30	0.0	3.6	12.08	26.0	Reset Total, Vol = 27.20 bbl			
01/15/2026	10:18:40	0.0	3.6	8.38	26.6	Disp. w/ 5 bbl Fresh			
01/15/2026	10:19:00	0.0	3.6	8.21	27.8	Rig to Displace Remainder			

Well OLSON 1-X	Field Wattenberg	Job Start Jan/15/2026	Customer OXY	Job Number A.1063462.11.21
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Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry 2.5	N2	Mud	Maximum Rate 3.7	Total Slurry 27.2	Mud 0.0	Spacer 1.0	N2
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum 5044	Final -79	Average 470	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal
Avg. N2 Percent %	Designed Slurry Volume 27.2 bbl	Displacement 104.8 bbl	Mix Water Temp 60 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl		
				Washed Thru Perfs <input type="checkbox"/>	To ft		
Customer or Authorized Representative Isaac Rulla		Schlumberger Supervisor Thomas Bailey			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
					-	-	

Well	OLSON 1-X	Client	OXY
Field	Wattenberg	SIR No.	A.1063462.11.21
Engineer	Thomas Bailey	Job Type	PA Step #30
Country	United States	Job Date	01-15-2026



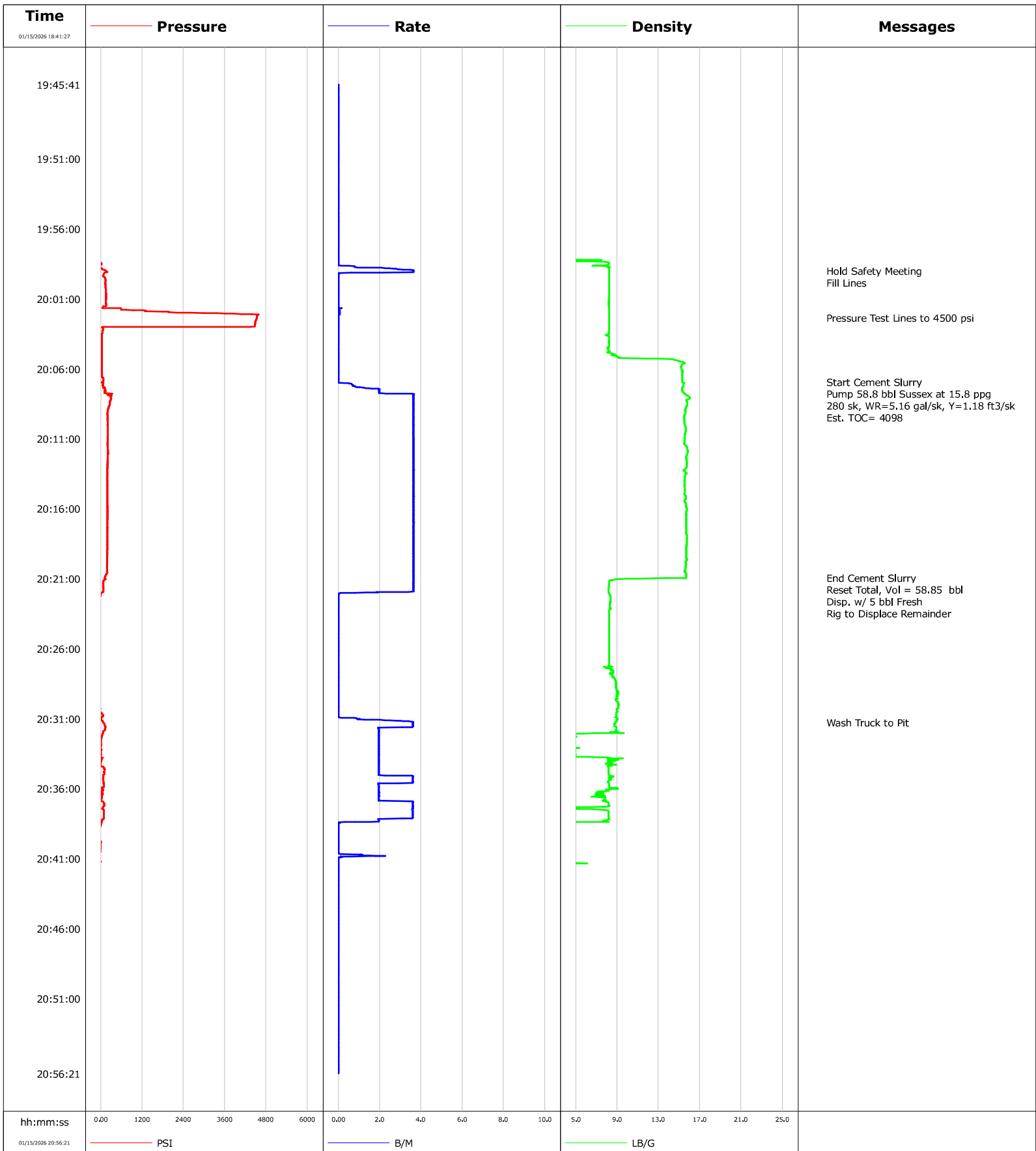
				Customer			Job Number			
				OXY			A.1063462.11.21			
Well		Location (legal)		Schlumberger Location			Job Start			
OLSON 1-X		Ensign #122		Cheyenne, WY			Jan/15/2026			
Field		Formation Name/Type		Deviation	Bit Size	Well MD		Well TVD		
Wattenberg				deg	7.9 in	9328.0 ft		9328.0 ft		
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient			
Weld		Colorado		psi	210 degF	190 degF	lb/gal			
Well Master		API/UWI								
65714013		05-123-06144-00-00								
Rig Name	Drilled For	Service Via	Casing/Liner							
Ensign #122	Oil & Gas	Land	Depth, ft		Size, in	Weight, lb/ft	Grade	Thread		
Offshore Zone	Well Class	Well Type	526.0	10.8	40.0					
N/a	Old	Workover	0.0	0.0	0.0					
Drilling Fluid Type		Max. Density	Plastic Viscosity		Tubing/Drill Pipe					
Spud Mud		8.40 lb/gal	1.000 cP		T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line	Job Type									
Cementing	P&A Step #30		D	7485.0	4.5	0.0				
			0.0	0.0	0.0					
Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection		Perforations/Open Hole						
psi	psi	4 1/2" IF DP pin		Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval		
				ft	ft			ft		
				ft	ft			Diameter		
				ft	ft			in		
Service Instructions		Treat Down	Displacement		Packer Type	Packer Depth				
Pressure Test: 5000 psi		Drill Pipe	91.7 bbl			ft				
Estimated BOC = 6985' ; Estimated TOC = 6382'		Tubing Vol.	Casing Vol.		Annular Vol.	Openhole Vol.				
Cement Type Density = Niobrara @ 15.8 ppg		bbl	bbl		bbl	54.4 bbl				
Volume = 54.4 bbl ; Sacks = 200 sks										
Yield = 1.53 ft ³ /sk ; GPS = 6.32 gal/sk										
Water: Temp 71;Cl <500 ; pH 7										
D907 (G Cement) = 94 lbs/sk BWOB /// D800 (Retarder) = 0.30% BWOB										
D167 (Fluid Loss) = .40% BWOB /// D065 (Dispersant) = .2% BWOB										
B547 (GASBLOK) = .4% BWOB /// D030 (Silica) = 35% BWOB										
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	Arrived on Location	Leave Location	Collar Type				Tail Pipe Depth			
Jan/15/2026 07:00	Jan/15/2026 07:00	Jan/16/2026 07:00					ft			
			Collar Depth	ft			Sqz. Total Vol.			
							bbl			
Date	Time 24-hr clock	Treating Pressure B/M	Flow Rate B/M	Density LB/G	Total Volume BBL	Message				
01/15/2026	14:21:59	0.0	0.0	8.22	0.0	Started Acquisition				
01/15/2026	14:23:01	0.0	0.0	8.22	0.0	Hold Safety Meeting				
01/15/2026	14:23:02	0.0	0.0	8.22	0.0	Fill Lines				
01/15/2026	14:23:03	0.0	0.0	8.22	0.0	Pressure Test Lines to 5000 psi				
01/15/2026	14:27:30	0.0	0.8	15.81	0.2	Start Cement Slurry				
01/15/2026	14:27:40	0.0	0.9	15.81	0.3	Pump 54.4 bbl Nio at 15.8 ppg				
01/15/2026	14:27:50	0.0	1.0	15.70	0.5	200 sk, WR=6.32 gal/sk, Y=1.53 ft ³ /sk				
01/15/2026	14:28:00	0.0	1.5	15.67	0.6	Est. TOC= 6382 ft				
01/15/2026	14:40:41	0.0	3.7	15.64	45.9	End Cement Slurry				
01/15/2026	14:41:00	0.0	3.7	8.30	47.1	Disp. w/ 5 bbl Fresh				
01/15/2026	14:41:15	0.0	3.7	8.23	48.0	Rig to Displace Remainder				

Well OLSON 1-X	Field Wattenberg	Job Start Jan/15/2026	Customer OXY	Job Number A.1063462.11.21
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 3.1	N2	Mud	Maximum Rate 3.7	Total Slurry 54.4	Mud 0.0	Spacer 1.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 4732	Final -3750	Average 371	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 54.4 bbl	Displacement 91.7 bbl	Mix Water Temp 60 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl			
				Washed Thru Perfs <input type="checkbox"/>	To ft			
Customer or Authorized Representative Isaac Rulla			Schlumberger Supervisor Thomas Bailey		Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
				-	-			

Well	OLSON 1-X	Client	OXY
Field	Wattenberg	SIR No.	A.1063462.11.21
Engineer	Thomas Bailey	Job Type	PA Step #34
Country	United States	Job Date	01-15-2026



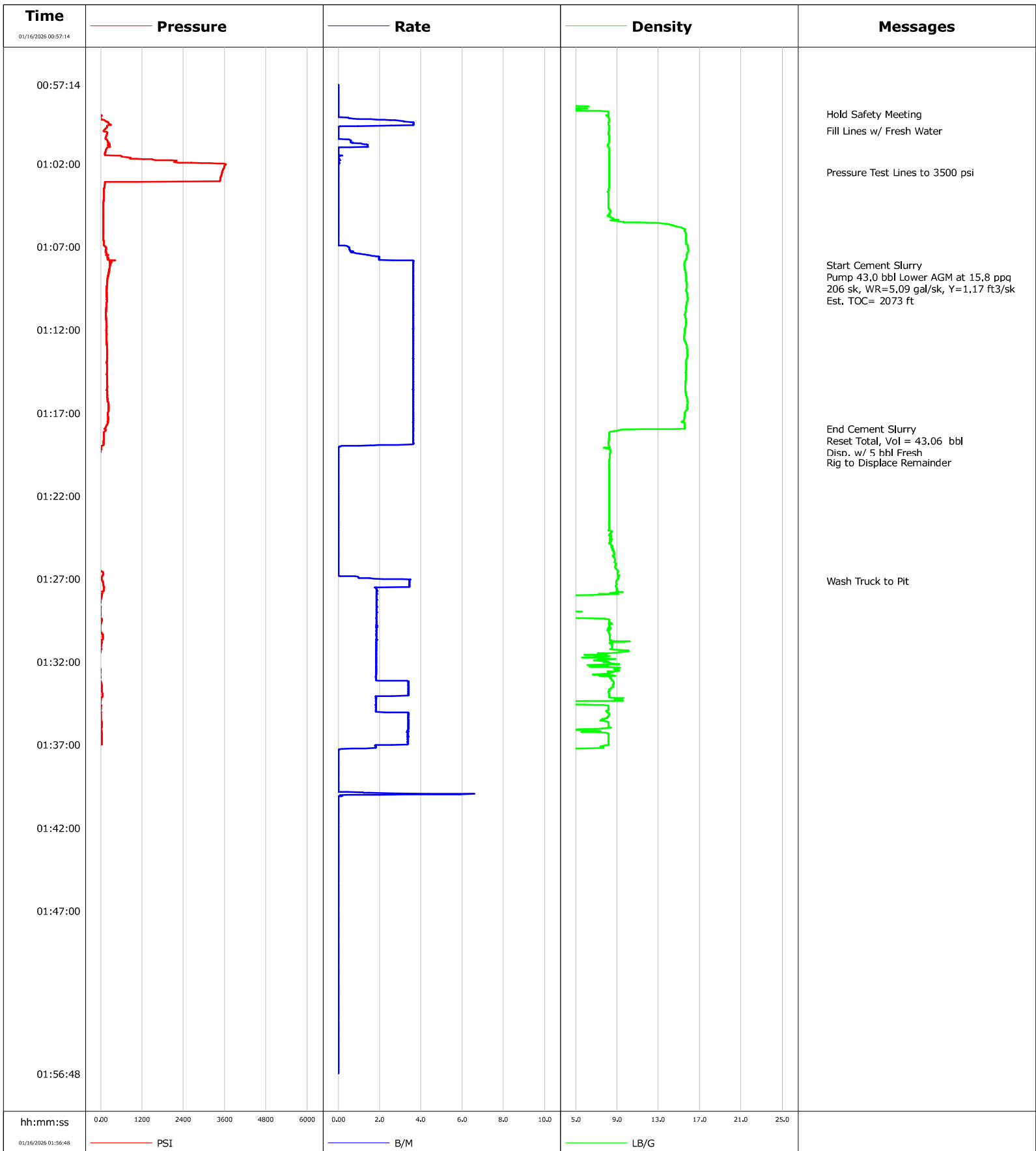
				Customer			Job Number			
				OXY			A.1063462.11.21			
Well		Location (legal)		Schlumberger Location			Job Start			
OLSON 1-X		Ensign #122		Cheyenne, WY			Jan/15/2026			
Field		Formation Name/Type		Deviation	Bit Size	Well MD	Well TVD			
Wattenberg				deg	7.9 in	9328.0 ft	9328.0 ft			
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient			
Weld		Colorado		psi	210 degF	190 degF	lb/gal			
Well Master		API/UWI								
65714013		05-123-06144-00-00								
Rig Name	Drilled For	Service Via	Casing/Liner							
Ensign #122	Oil & Gas	Land	Depth, ft		Size, in	Weight, lb/ft	Grade	Thread		
Offshore Zone	Well Class	Well Type	526.0	10.8	40.0					
N/a	Old	Workover	0.0	0.0	0.0					
Drilling Fluid Type		Max. Density	Plastic Viscosity		Tubing/Drill Pipe					
Spud Mud		8.40 lb/gal	1.000 cP		T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line	Job Type									
Cementing	P&A Step #34									
Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection		Perforations/Open Hole						
psi	psi	4 1/2" IF DP pin		Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval		
				ft	ft			ft		
				ft	ft			Diameter		
				ft	ft			in		
Service Instructions		Treat Down	Displacement		Packer Type	Packer Depth				
Pressure Test: 4500 psi		Drill Pipe	59.0 bbl			ft				
Estimated BOC = 4587' ; Estimated TOC = 4098'		Tubing Vol.	Casing Vol.		Annular Vol.	Openhole Vol.				
Cement Type Density = Sussex AGM @ 15.8 ppg		bbl	bbl		bbl	58.8 bbl				
Volume = 58.8 bbl ; Sacks = 280 sks										
Yield = 1.18 ft3/sk ; GPS = 5.17										
Water : Temp 71;Cl <500 ; pH 7										
D907 (G Cement) = 94 lbs/sk BWOB /// B547 (GASBLOK) = .4% BWOB										
D053 (Gypsum) = 2% BWOB /// D167A (Fluid Loss) = .25% BWOB										
D065 (Dispersant) = .4% BWOB										
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		Shoe Depth		Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		ft	Tool Type					
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Type			Tool Depth			
				ft			ft			
Cement Head Type		Stage Tool Depth			ft	Tail Pipe Size				
						in				
Job Scheduled For		Arrived on Location		Leave Location		Collar Type		Tail Pipe Depth		
Jan/15/2026 07:00		Jan/15/2026 07:00		Jan/16/2026 07:00		Collar Depth		ft		
						ft		Sqz. Total Vol.		
								bbl		
Date	Time 24-hr clock	Treating Pressure B/M	Flow Rate B/M	Density LB/G	Total Volume BBL	Message				
01/15/2026	18:41:27	0.0	0.0	0.02	0.0	Started Acquisition				
01/15/2026	19:59:00	0.0	3.7	8.22	0.8	Hold Safety Meeting				
01/15/2026	19:59:30	0.0	0.0	8.22	1.3	Fill Lines				
01/15/2026	20:06:55	0.0	0.0	15.31	1.3	Start Cement Slurry				
01/15/2026	20:07:05	0.0	0.6	15.43	1.3	Pump 58.8 bbl Sussex at 15.8 ppg				
01/15/2026	20:07:10	0.0	0.7	15.40	1.4	280 sk, WR=5.16 gal/sk, Y=1.18 ft3/sk				
01/15/2026	20:07:15	0.0	0.8	15.40	1.4	Est. TOC= 4098				
01/15/2026	20:20:55	0.0	3.7	15.68	50.2	End Cement Slurry				
01/15/2026	20:21:00	0.0	3.6	9.84	50.6	Reset Total, Vol = 58.85 bbl				
01/15/2026	20:21:10	0.0	3.7	8.26	51.2	Disp. w/ 5 bbl Fresh				
01/15/2026	20:21:20	0.0	3.6	8.21	51.8	Rig to Displace Remainder				

Well OLSON 1-X	Field Wattenberg	Job Start Jan/15/2026	Customer OXY	Job Number A.1063462.11.21
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 3.0	N2	Mud	Maximum Rate 3.7	Total Slurry 58.8	Mud 0.0	Spacer 1.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 4586	Final -3750	Average 276	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 58.8 bbl	Displacement 58.8 bbl	Mix Water Temp 60 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl			
				Washed Thru Perfs <input type="checkbox"/>	To ft			
Customer or Authorized Representative Isaac Rulla			Schlumberger Supervisor Thomas Bailey		Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
					-	-		

Well	OLSON 1-X	Client	OXY
Field	Wattenberg	SIR No.	A.1063462.11.21
Engineer	Thomas Bailey	Job Type	PA Step #36
Country	United States	Job Date	01-15-2026



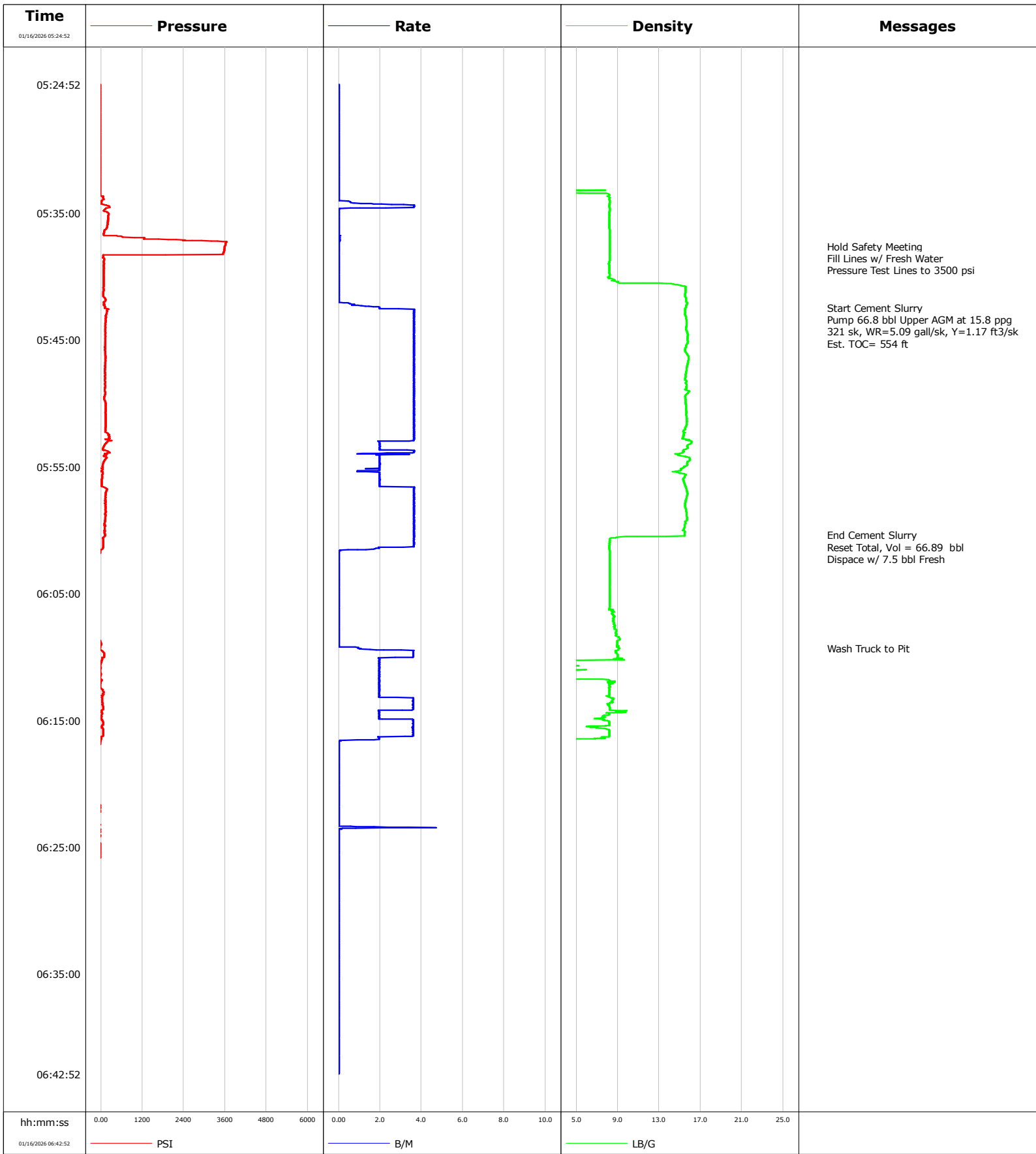
				Customer			Job Number			
				OXY			A.1063462.11.21			
Well		Location (legal)		Schlumberger Location			Job Start			
OLSON 1-X		Ensign #122		Cheyenne, WY			Jan/15/2026			
Field		Formation Name/Type		Deviation	Bit Size	Well MD		Well TVD		
Wattenberg				deg	7.9 in	9328.0 ft		9328.0 ft		
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient			
Weld		Colorado		psi	210 degF	190 degF	lb/gal			
Well Master		API/UWI								
65714013		05-123-06144-00-00								
Rig Name	Drilled For		Service Via	Casing/Liner						
Ensign #122	Oil & Gas		Land	Depth, ft		Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class		Well Type	526.0	10.8	40.0				
N/a	Old		Workover	0.0	0.0	0.0				
Drilling Fluid Type		Max. Density	Plastic Viscosity	Tubing/Drill Pipe						
Spud Mud		8.40 lb/gal	1.000 cP	T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Service Line	Job Type			D	2573.0	4.5	0.0			
Cementing	P&A Step #36				0.0	0.0	0.0			
Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection		Perforations/Open Hole						
psi	psi	4 1/2" IF DP pin		Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval		
				ft	ft			ft		
				ft	ft			Diameter		
				ft	ft			in		
Treat Down		Displacement		Packer Type		Packer Depth				
Drill Pipe		59.0 bbl				ft				
Tubing Vol.		Casing Vol.		Annular Vol.		Openhole Vol.				
bbl		bbl		bbl		58.8 bbl				
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement		Casing Tools			Squeeze Job			
<input type="checkbox"/>		<input type="checkbox"/>								
Lift Pressure		psi		Shoe Type			Squeeze Type			
Pipe Rotated		Pipe Reciprocated		Shoe Depth			Tool Type			
<input type="checkbox"/>		<input type="checkbox"/>		ft						
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Type			Tool Depth			
							ft			
Cement Head Type				Stage Tool Depth			Tail Pipe Size			
				ft			in			
Job Scheduled For		Arrived on Location		Leave Location		Collar Type			Tail Pipe Depth	
Jan/15/2026 07:00		Jan/15/2026 07:00		Jan/16/2026 07:00					ft	
						Collar Depth			ft	
									Sqz. Total Vol.	
									bbl	
Date	Time 24-hr clock	Treating Pressure B/M	Flow Rate B/M	Density LB/G	Total Volume BBL	Message				
01/16/2026	00:57:14	0.0	0.0	-0.00	0.0	Started Acquisition				
01/16/2026	00:59:00	0.0	0.0	8.20	0.0	Hold Safety Meeting				
01/16/2026	01:00:00	0.0	0.0	8.22	1.4	Fill Lines w/ Fresh Water				
01/16/2026	01:02:31	0.0	0.0	8.22	1.8	Pressure Test Lines to 3500 psi				
01/16/2026	01:08:05	0.0	3.6	15.49	3.8	Start Cement Slurry				
01/16/2026	01:08:15	0.0	3.6	15.53	4.4	Pump 43.0 bbl Lower AGM at 15.8 ppg				
01/16/2026	01:08:25	0.0	3.6	15.59	5.0	206 sk, WR=5.09 gal/sk, Y=1.17 ft3/sk				
01/16/2026	01:08:35	0.0	3.6	15.62	5.6	Est. TOC= 2073 ft				
01/16/2026	01:17:58	0.0	3.7	15.57	39.7	End Cement Slurry				
01/16/2026	01:18:02	0.0	3.6	9.49	39.9	Reset Total, Vol = 43.06 bbl				
01/16/2026	01:18:10	0.0	3.6	8.33	40.4	Disp. w/ 5 bbl Fresh				
01/16/2026	01:20:00	0.0	0.0	8.24	43.3	Rig to Displace Remainder				

Well OLSON 1-X	Field Wattenberg	Job Start Jan/15/2026	Customer OXY	Job Number A.1063462.11.21
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 2.8	N2	Mud	Maximum Rate 6.6	Total Slurry 43.0	Mud 0.0	Spacer 1.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 3638	Final -56	Average 291	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 34.0 bbl	Displacement 29.5 bbl	Mix Water Temp 60 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl			
				Washed Thru Perfs <input type="checkbox"/>	To ft			
Customer or Authorized Representative Isaac Rulla			Schlumberger Supervisor Thomas Bailey		Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
				-	-			

Well	OLSON 1-X	Client	OXY
Field	Wattenberg	SIR No.	A.1063462.11.21
Engineer	Thomas Bailey	Job Type	PA Step #42
Country	United States	Job Date	01-15-2026



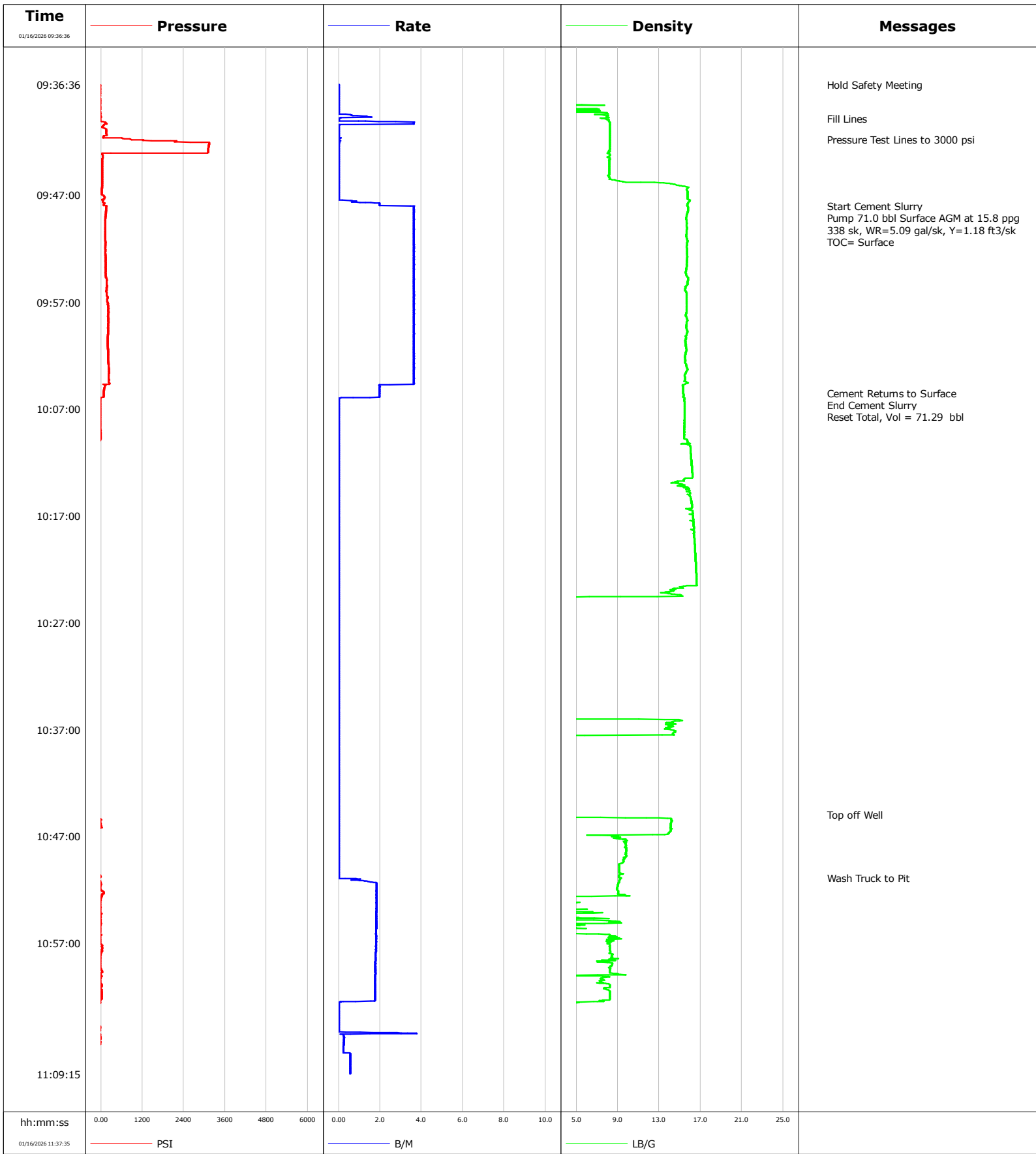
				Customer		Job Number	
				OXY		A.1063462.11.21	
Well OLSON 1-X		Location (legal) Ensign #122		Schlumberger Location Cheyenne, WY		Job Start Jan/15/2026	
Field Wattenberg		Formation Name/Type		Deviation deg	Bit Size 7.9 in	Well MD 9328.0 ft	Well TVD 9328.0 ft
County Weld		State/Province Colorado		BHP psi	BHST 210 degF	BHCT 190 degF	Pore Press. Gradient lb/gal
Well Master 65714013		API/UWI 05-123-06144-00-00					
Rig Name Ensign #122	Drilled For Oil & Gas	Service Via Land	Casing/Liner				
			Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Offshore Zone N/a	Well Class Old	Well Type Workover	526.0	10.8	40.0		
			0.0	0.0	0.0		
Drilling Fluid Type Spud Mud		Max. Density 8.40 lb/gal	Plastic Viscosity 1.000 cP		Tubing/Drill Pipe		
			T/D	Depth, ft	Size, in	Weight, lb/ft	Grade
Service Line Cementing	Job Type P&A Step #42		D	1200.0	4.5	0.0	
				0.0	0.0	0.0	
Max. Allowed Tub. Press psi	Max. Allowed Ann. Press psi	WH Connection 4 1/2" IF DP pin		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 Pressure Test: 3500 psi Estimated BOC = 1200' ; Estimated TOC = 554' Cement Type Density = Upper AGM @ 15.8 ppg Volume = 66.8 bbl ; Sacks = 321 sks Yield = 1.17 ft3/sk ; GPS = 5.09 Water: Temp 68;Cl <500 ; pH 7 D907 (G Cement) = 94 lbs/sk WBWOB /// B547 (GASBLOK) = .1% BWOB D167 (Fluid Loss) = 4% BWOB /// S001 (Accelerator) = 1.5% BWOB D065 (Dispersant)= .1% BWOB		Treat Down Drill Pipe	Displacement 8.0 bbl		Packer Type		Packer Depth ft
		Tubing Vol. bbl	Casing Vol. bbl		Annular Vol. bbl	Openhole Vol. 66.8 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 Jan/15/2026 07:00		Arrived on Location Jan/15/2026 07:00		Leave Location Jan/16/2026 07:00		Collar Type	
						Tail Pipe Depth ft	
						Collar Depth ft	
						Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure B/M	Flow Rate B/M	Density LB/G	Total Volume BBL	Message	
01/16/2026	05:24:52	0.0	0.0	-0.00	0.0	Started Acquisition	
01/16/2026	05:37:37	0.0	0.0	8.22	1.3	Hold Safety Meeting	
01/16/2026	05:37:39	0.0	0.0	8.22	1.3	Pressure Test Lines to 3500 psi	
01/16/2026	05:42:29	0.0	2.0	15.58	1.7	Start Cement Slurry	
01/16/2026	05:42:39	0.0	3.7	15.52	2.2	Pump 66.8 bbl Upper AGM at 15.8 ppg	
01/16/2026	05:42:45	0.0	3.7	15.52	2.5	321 sk, WR=5.09 gall/sk, Y=1.17 ft3/sk	
01/16/2026	05:42:50	0.0	3.7	15.50	2.8	Est. TOC= 554 ft	
01/16/2026	06:00:23	0.0	3.7	15.46	61.1	End Cement Slurry	
01/16/2026	06:00:30	0.0	3.7	10.85	61.5	Reset Total, Vol = 66.89 bbl	
01/16/2026	06:00:40	0.0	3.6	8.26	62.1	Dispace w/ 7.5 bbl Fresh	

Well OLSON 1-X	Field Wattenberg	Job Start Jan/15/2026	Customer OXY	Job Number A.1063462.11.21
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 3.0	N2	Mud	Maximum Rate 4.7	Total Slurry 66.8	Mud 0.0	Spacer 1.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 3647	Final -3750	Average 233	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 66.8 bbl	Displacement 7.5 bbl	Mix Water Temp 60 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl	To ft	Washed Thru Perfs <input type="checkbox"/>	
Customer or Authorized Representative Isaac Rulla			Schlumberger Supervisor Thomas Bailey		Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	-	

Well	OLSON 1-X	Client	OXY
Field	Wattenberg	SIR No.	A.1063462.11.21
Engineer	Thomas Bailey	Job Type	PA Step #46
Country	United States	Job Date	01-15-2026



				Customer OXY			Job Number A.1063462.11.21				
Well OLSON 1-X		Location (legal) Ensign #122			Schlumberger Location Cheyenne, WY			Job Start Jan/15/2026			
Field Wattenberg		Formation Name/Type			Deviation deg		Bit Size 7.9 in		Well MD 9328.0 ft	Well TVD 9328.0 ft	
County Weld		State/Province Colorado			BHP psi		BHST 210 degF		BHCT 190 degF		Pore Press. Gradient lb/gal
Well Master 65714013		API/UWI 05-123-06144-00-00									
Rig Name Ensign #122		Drilled For Oil & Gas		Service Via Land		Casing/Liner					
						Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone N/a		Well Class Old		Well Type Workover		526.0	10.8	40.0			
						0.0	0.0	0.0			
Drilling Fluid Type Spud Mud		Max. Density 8.40 lb/gal		Plastic Viscosity 1.000 cP		Tubing/Drill Pipe					
						T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line Cementing		Job Type P&A Step #46					D	650.0	4.5	0.0	
							0.0	0.0	0.0		
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection 4 1/2" IF DP pin		Perforations/Open Hole					
						Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval ft	
						ft	ft				
						ft	ft			Diameter in	
						Treat Down Drill Pipe	Displacement 8.0 bbl		Packer Type		Packer Depth ft
						Tubing Vol. bbl	Casing Vol. 51.6 bbl		Annular Vol. bbl	Openhole Vol. 12.8 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 Jan/15/2026 07:00		Arrived on Location Jan/15/2026 07:00		Leave Location Jan/16/2026 07:00		Collar Type			Tail Pipe Depth ft		
						Collar Depth ft			Sqz. Total Vol. bbl		
Date	Time 24-hr clock	Treating Pressure B/M	Flow Rate B/M	Density LB/G	Total Volume BBL	Message					
01/16/2026	09:36:36	0.0	0.0	0.01	0.0	Started Acquisition					
01/16/2026	09:36:37	0.0	0.0	0.01	0.0	Hold Safety Meeting					
01/16/2026	09:39:48	0.0	0.0	7.47	0.3	Fill Lines					
01/16/2026	09:41:46	0.0	0.0	8.22	1.3	Pressure Test Lines to 3000 psi					
01/16/2026	09:48:00	0.0	3.7	15.74	2.1	Start Cement Slurry					
01/16/2026	09:48:10	0.0	3.6	15.79	2.7	Pump 71.0 bbl Surface AGM at 15.8 ppg					
01/16/2026	09:48:20	0.0	3.6	15.78	3.3	338 sk, WR=5.09 gal/sk, Y=1.18 ft3/sk					
01/16/2026	09:48:30	0.0	3.6	15.78	3.9	TOC= Surface					
01/16/2026	10:05:30	0.0	2.0	15.32	64.5	Cement Returns to Surface					
01/16/2026	10:06:00	0.0	0.0	15.43	65.4	End Cement Slurry					
01/16/2026	10:06:10	0.0	0.0	15.41	65.4	Reset Total, Vol = 71.29 bbl					
01/16/2026	10:45:00	0.0	0.0	0.14	65.4	Top off Well					

Well OLSON 1-X	Field Wattenberg	Job Start Jan/15/2026	Customer OXY	Job Number A.1063462.11.21
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 1.6	N2	Mud	Maximum Rate 3.8	Total Slurry 71.4	Mud 0.0	Spacer 1.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 3148	Final -3750	Average 242	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 71.1 bbl	Displacement 1.0 bbl	Mix Water Temp 60 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 1.0 bbl	Washed Thru Perfs <input type="checkbox"/>	To ft	
Customer or Authorized Representative Isaac Rulla			Schlumberger Supervisor Thomas Bailey		Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
					-	-		

OLSON 1-X

CEMENTING

Pump Rate (bbl/min) & Density (ppg)

