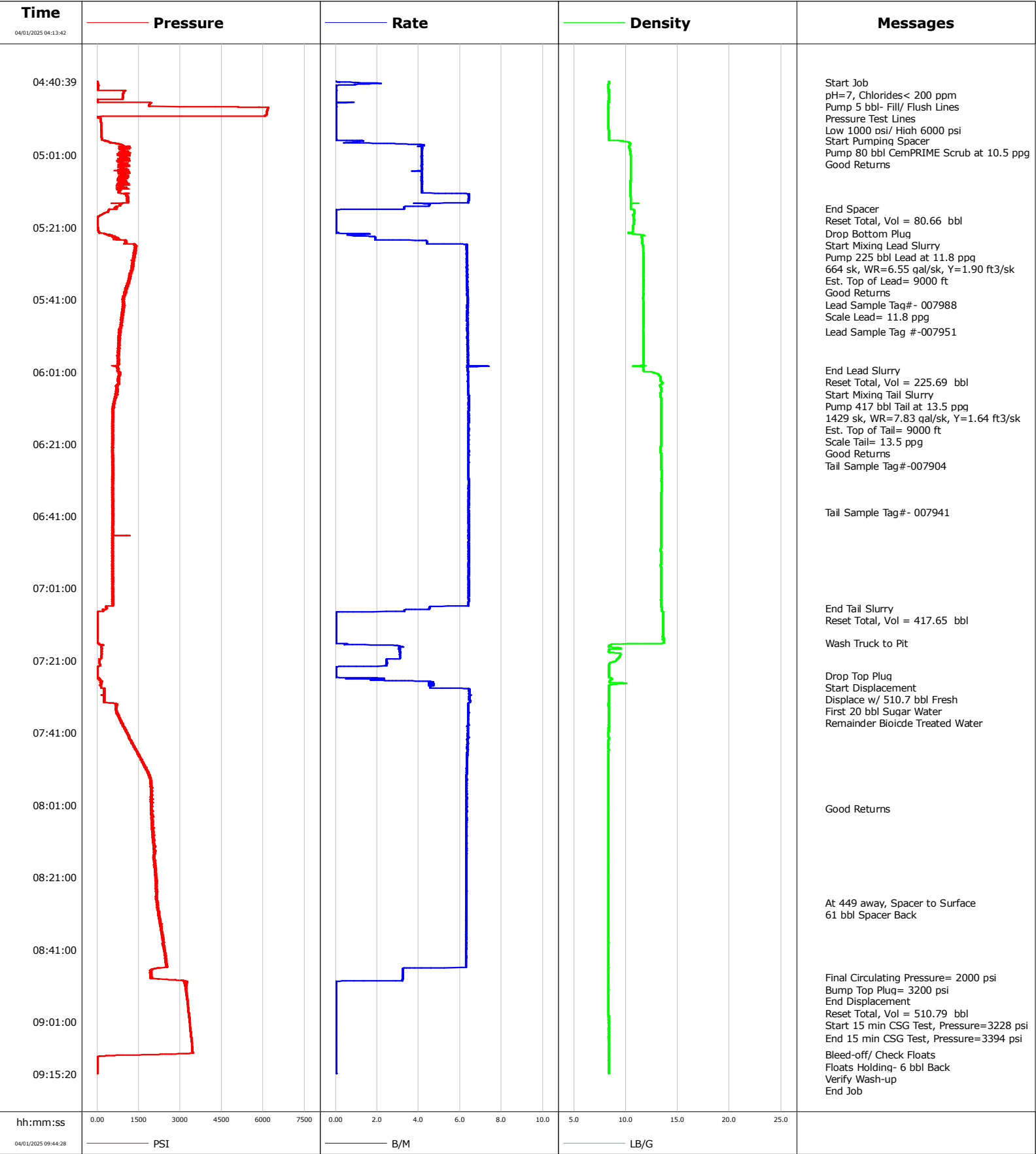


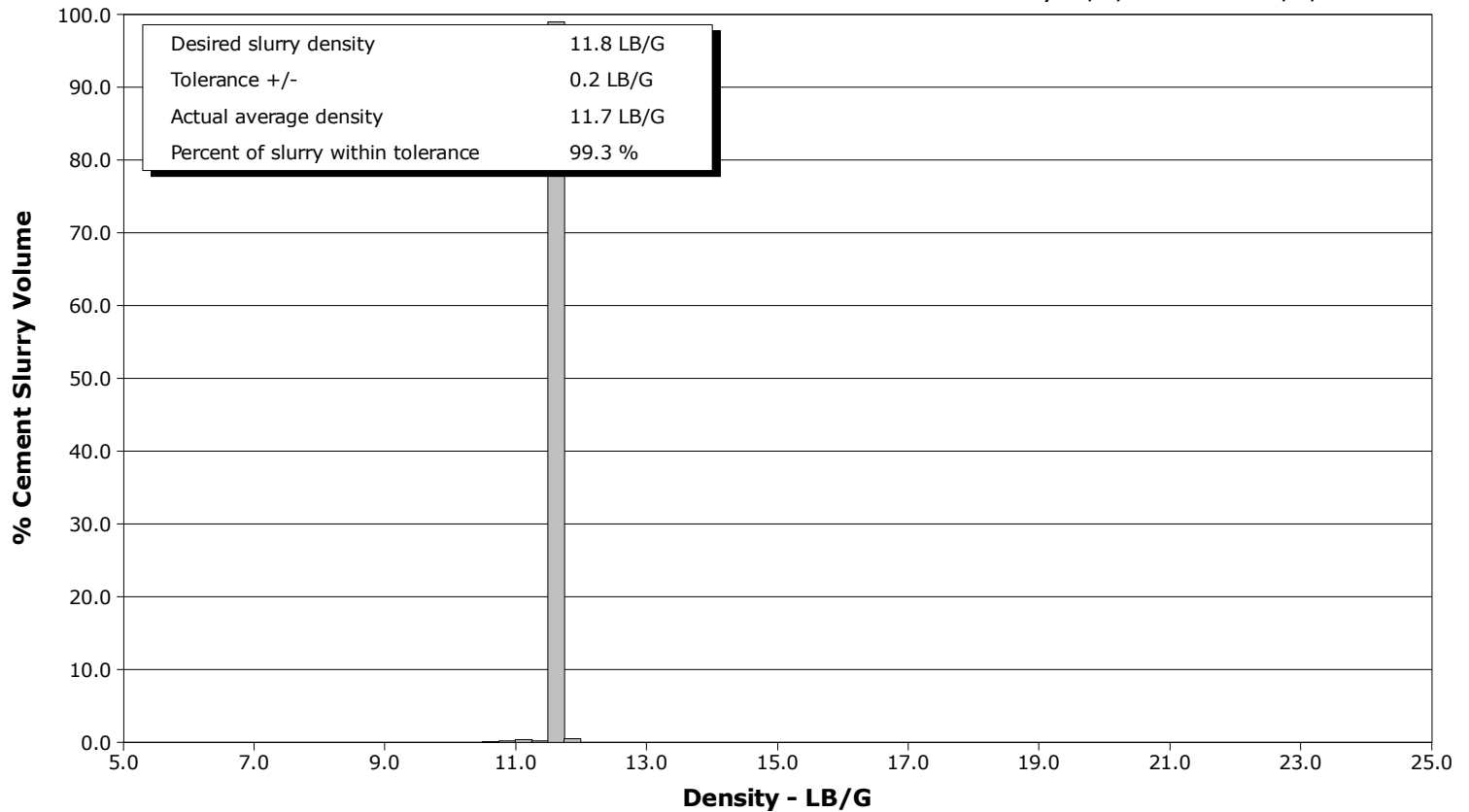
Well	Hickory 34-4HZ	Client	OXY
Field	Wattenberg	SIR No.	A.1063616.01.25
Engineer	Thomas Bailey	Job Type	5.5" Production
Country	United States	Job Date	03-31-2025



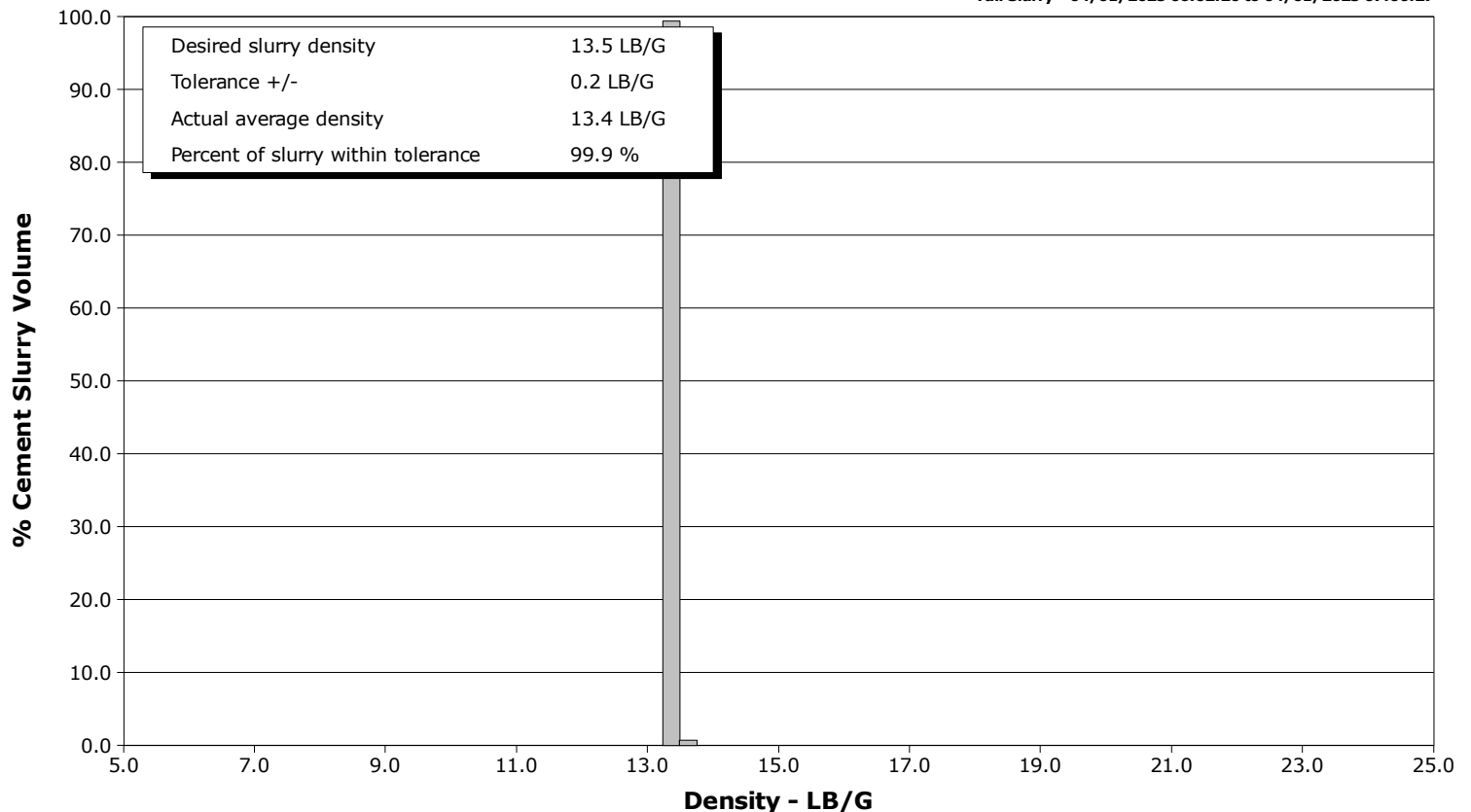
**Well** Hickory 34-4HZ  
**Field** Wattenberg  
**Engineer** Thomas Bailey  
**Country** United States

**Client** OXY  
**SIR No.** A.1063616.01.25  
**Job Type** 5.5" Production  
**Job Date** 03-31-2025

**Lead Slurry - 04/01/2025 05:24:46 to 04/01/2025 06:00:39**



**Tail Slurry - 04/01/2025 06:02:20 to 04/01/2025 07:06:27**



# Cementing Service Report

				Customer OXY				Job Number A.1063616.01.25			
Well Hickory 34-4HZ			Location (legal) PD564			Schlumberger Location Cheyenne, WY			Job Start Mar/31/2025		
Field Wattenberg		Formation Name/Type		Deviation deg		Bit Size 7.9 in		Well MD 2200.0 ft		Well TVD 6968.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 230 degF		BHCT 230 degF		Pore Press. Gradient lb/gal	
Well Master 0067406864		API/UWI 05-123-52729-00-00									
Rig Name PD564		Drilled For Oil & Gas		Service Via Land		Casing/ Liner					
						Depth, ft		Size, in		Weight, lb/ft	
										Grade	
										Thread	
Offshore Zone N/a		Well Class New		Well Type Development		1870.0		8.6		32.0	
						21988.0		5.5		17.0	
Drilling Fluid Type Oil Mud		Max. Density 9.60 lb/gal		Plastic Viscosity 13.000 cP		Tubing/Drill Pipe					
						T/D		Depth, ft		Size, in	
										Weight, lb/ft	
										Grade	
										Thread	
Service Line Cementing		Job Type 5.5" Production									
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection Double Cement head		Perforations/Open Hole					
						Top, ft		Bottom, ft		shot/ft	
										No. of Shots	
										Total Interval	
						ft		ft		ft	
						ft		ft		Diameter	
						ft		ft		in	
						Treat Down Casing		Displacement 510.7 bbl		Packer Type	
										Packer Depth	
										ft	
						Tubing Vol. bbl		Casing Vol. 510.9 bbl		Annular Vol. 679.8 bbl	
										Openhole Vol. 620.0 bbl	
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input type="checkbox"/>				Casing Tools				Squeeze Job	
Lift Pressure 2000 psi						Shoe Type Float				Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 21988.0 ft				Tool Type	
No. Centralizers		Top Plugs 1		Bottom Plugs 1		Stage Tool Type				Tool Depth ft	
Cement Head Type Double						Stage Tool Depth ft				Tail Pipe Size in	
Job Scheduled For Mar/31/2025 22:00		Arrived on Location Mar/31/2025 22:00		Leave Location Apr/01/2025 10:00		Collar Type Float				Tail Pipe Depth ft	
						Collar Depth 21976.0 ft				Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Total Volume BBL	Message					
04/01/2025	04:41:00	-1	0.9	8.37	1.8	Started Acquisition					
04/01/2025	04:42:00	34	0.0	8.34	2.8	pH=7, Chlorides< 200 ppm					
04/01/2025	04:43:00	35	0.0	8.35	2.8	Pump 5 bbl- Fill/ Flush Lines					
04/01/2025	04:44:20	927	0.0	8.35	2.8						
04/01/2025	04:47:00	1890	0.0	8.35	2.9	Pressure Test Lines					
04/01/2025	04:47:40	2996	0.0	8.35	2.9						
04/01/2025	04:48:00	6176	0.0	8.35	2.9	Low 1000 psi/ High 6000 psi					
04/01/2025	04:51:00	124	0.0	8.35	2.9						
04/01/2025	04:54:20	143	0.0	8.35	2.9						
04/01/2025	04:57:01	280	0.8	8.83	2.9	Start Pumping Spacer					
04/01/2025	04:57:40	479	0.4	10.35	3.6						
04/01/2025	04:58:00	711	3.1	10.42	4.2	Pump 80 bbl CemPRIME Scrub at 10.5 ppg					
04/01/2025	05:01:00	976	4.2	10.46	16.6	Good Returns					
04/01/2025	05:04:20	882	4.2	10.48	30.5						
04/01/2025	05:07:40	915	4.1	10.46	44.3						
04/01/2025	05:11:00	797	4.2	10.42	58.1						
04/01/2025	05:14:20	942	6.2	10.46	78.0						
04/01/2025	05:15:45	639	3.3	10.48	83.8	End Spacer					
04/01/2025	05:16:30	409	0.0	10.80	84.9	Reset Total, Vol = 80.66 bbl					
04/01/2025	05:17:40	132	0.0	10.68	84.9						
04/01/2025	05:21:00	17	0.0	10.71	84.9						

Well Hickory 34-4HZ			Field Wattenberg		Job Start Mar/31/2025	Customer OXY	Job Number A.1063616.01.25
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Total Volume BBL	Message	
04/01/2025	05:24:20	772	1.9	11.57	87.4		
04/01/2025	05:24:46	1024	4.4	11.59	88.6	Start Mixing Lead Slurry	
04/01/2025	05:26:00	1397	6.3	11.62	94.6	Pump 225 bbl Lead at 11.8 ppg	
04/01/2025	05:27:00	1348	6.3	11.67	100.9	664 sk, WR=6.55 gal/sk, Y=1.90 ft3/sk	
04/01/2025	05:27:40	1373	6.3	11.69	105.1		
04/01/2025	05:28:00	1364	6.3	11.70	107.3	Est. Top of Lead= 9000 ft	
04/01/2025	05:31:00	1255	6.3	11.71	126.2		
04/01/2025	05:32:00	1279	6.3	11.72	132.6	Good Returns	
04/01/2025	05:33:26	1209	6.3	11.71	141.6	Lead Sample Tag#- 007988	
04/01/2025	05:34:00	1180	6.4	11.69	145.2	Scale Lead= 11.8 ppg	
04/01/2025	05:34:20	1157	6.3	11.70	147.3		
04/01/2025	05:37:40	1070	6.4	11.71	168.5		
04/01/2025	05:41:00	923	6.4	11.67	189.6		
04/01/2025	05:44:20	936	6.4	11.71	210.8		
04/01/2025	05:47:40	858	6.3	11.72	232.0		
04/01/2025	05:50:00	841	6.4	11.70	246.8	Lead Sample Tag #-007951	
04/01/2025	05:51:00	797	6.4	11.72	253.1		
04/01/2025	05:54:20	798	6.4	11.74	274.3		
04/01/2025	05:57:40	760	6.4	11.72	295.6		
04/01/2025	06:00:39	770	6.4	11.70	314.7	End Lead Slurry	
04/01/2025	06:01:00	785	6.4	12.01	317.0		
04/01/2025	06:01:13	823	6.4	12.58	318.3	Reset Total, Vol = 225.69 bbl	
04/01/2025	06:02:20	793	6.4	13.29	325.5	Start Mixing Tail Slurry	
04/01/2025	06:04:00	821	6.4	13.50	336.1	Pump 417 bbl Tail at 13.5 ppg	
04/01/2025	06:04:20	754	6.4	13.49	338.2		
04/01/2025	06:05:00	705	6.4	13.31	342.5	1429 sk, WR=7.83 gal/sk, Y=1.64 ft3/sk	
04/01/2025	06:06:00	701	6.4	13.39	348.8	Est. Top of Tail= 9000 ft	
04/01/2025	06:07:00	694	6.4	13.32	355.2	Scale Tail= 13.5 ppg	
04/01/2025	06:07:40	676	6.4	13.36	359.5		
04/01/2025	06:10:00	597	6.4	13.39	374.5	Good Returns	
04/01/2025	06:11:00	559	6.4	13.39	380.9		
04/01/2025	06:14:20	560	6.4	13.41	402.2		
04/01/2025	06:17:40	562	6.4	13.40	423.6		
04/01/2025	06:20:00	540	6.4	13.42	438.6	Tail Sample Tag #-007904	
04/01/2025	06:21:00	531	6.4	13.40	445.0		
04/01/2025	06:24:20	549	6.4	13.39	466.3		
04/01/2025	06:27:40	549	6.4	13.40	487.7		
04/01/2025	06:31:00	550	6.4	13.45	509.0		
04/01/2025	06:34:20	556	6.4	13.42	530.4		
04/01/2025	06:37:40	558	6.4	13.39	551.8		
04/01/2025	06:40:00	580	6.4	13.40	566.7	Tail Sample Tag #- 007941	
04/01/2025	06:41:00	578	6.4	13.39	573.2		
04/01/2025	06:44:20	562	6.4	13.39	594.5		
04/01/2025	06:47:40	561	6.4	13.39	615.9		
04/01/2025	06:51:00	566	6.4	13.38	637.3		
04/01/2025	06:54:20	546	6.4	13.37	658.7		
04/01/2025	06:57:40	550	6.4	13.39	680.1		
04/01/2025	07:01:00	556	6.4	13.40	701.4		
04/01/2025	07:04:20	562	6.4	13.38	722.8		
04/01/2025	07:06:27	350	4.5	13.50	735.4	End Tail Slurry	
04/01/2025	07:07:23	197	3.3	13.51	739.0	Reset Total, Vol = 417.65 bbl	
04/01/2025	07:07:40	13	0.0	13.61	739.2		
04/01/2025	07:11:00	12	0.0	13.58	739.2		
04/01/2025	07:14:20	11	0.0	13.53	739.2		

Well			Field	Job Start		Customer	Job Number	
Hickory 34-4HZ			Wattenberg		Mar/31/2025		OXY	A.1063616.01.25
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Total Volume BBL	Message		
04/01/2025	07:17:40	160	3.1	9.53	742.5			
04/01/2025	07:21:00	85	2.5	9.07	752.5			
04/01/2025	07:24:20	9	0.0	8.37	756.4			
04/01/2025	07:25:00	9	0.0	8.37	756.4	Drop Top Plug		
04/01/2025	07:26:40	156	4.1	8.46	758.5	Start Displacement		
04/01/2025	07:27:40	138	4.7	8.58	763.1			
04/01/2025	07:28:00	146	4.5	8.39	764.6	Displace w/ 510.7 bbl Fresh		
04/01/2025	07:29:00	256	6.5	8.38	769.8	First 20 bbl Sugar Water		
04/01/2025	07:30:00	255	6.4	8.38	776.3	Remainder Bioicde Treated Water		
04/01/2025	07:31:00	249	6.4	8.36	782.7			
04/01/2025	07:34:20	665	6.4	8.36	804.1			
04/01/2025	07:37:40	856	6.4	8.35	825.4			
04/01/2025	07:41:00	1055	6.4	8.35	846.7			
04/01/2025	07:44:20	1286	6.3	8.35	867.9			
04/01/2025	07:47:40	1524	6.3	8.35	889.1			
04/01/2025	07:51:00	1790	6.3	8.35	910.2			
04/01/2025	07:54:20	1968	6.3	8.35	931.2			
04/01/2025	07:57:40	1975	6.3	8.35	952.3			
04/01/2025	08:01:00	1972	6.3	8.35	973.3			
04/01/2025	08:02:00	1982	6.3	8.35	979.6	Good Returns		
04/01/2025	08:04:20	1976	6.3	8.34	994.3			
04/01/2025	08:11:00	2016	6.3	8.35	1036.4			
04/01/2025	08:14:20	2071	6.3	8.35	1057.4			
04/01/2025	08:17:40	2068	6.3	8.35	1078.4			
04/01/2025	08:21:00	2114	6.3	8.34	1099.5			
04/01/2025	08:24:20	2127	6.3	8.35	1120.5			
04/01/2025	08:27:40	2154	6.3	8.34	1141.5			
04/01/2025	08:28:00	2210	6.3	8.34	1143.6	At 449 away, Spacer to Surface		
04/01/2025	08:29:00	2202	6.3	8.35	1149.9	61 bbl Spacer Back		
04/01/2025	08:31:00	2248	6.3	8.35	1162.5			
04/01/2025	08:34:20	2307	6.3	8.35	1183.4			
04/01/2025	08:37:40	2372	6.3	8.35	1204.4			
04/01/2025	08:41:00	2447	6.3	8.35	1225.4			
04/01/2025	08:44:20	2498	6.3	8.35	1246.3			
04/01/2025	08:47:40	1944	3.2	8.35	1262.3			
04/01/2025	08:48:40	1952	3.2	8.35	1265.5	Final Circulating Pressure= 2000 psi		
04/01/2025	08:49:39	3114	1.4	8.35	1268.7	Bump Top Plug= 3200 psi		
04/01/2025	08:50:00	3178	0.0	8.35	1268.7	End Displacement		
04/01/2025	08:50:10	3190	0.0	8.35	1268.7	Reset Total, Vol = 510.79 bbl		
04/01/2025	08:50:30	3228	0.0	8.35	1268.7	Start 15 min CSG Test, Pressure=3228 psi		
04/01/2025	08:51:00	3171	0.0	8.35	1268.7			
04/01/2025	08:54:20	3245	0.0	8.35	1268.7			
04/01/2025	08:57:40	3293	0.0	8.35	1268.7			
04/01/2025	09:01:00	3336	0.0	8.35	1268.7			
04/01/2025	09:04:20	3382	0.0	8.35	1268.7			
04/01/2025	09:05:30	3394	0.0	8.35	1268.7	End 15 min CSG Test, Pressure=3394 psi		
04/01/2025	09:07:40	3424	0.0	8.35	1268.7			
04/01/2025	09:10:00	2216	0.0	8.35	1268.7	Bleed-off/ Check Floats		
04/01/2025	09:11:00	8	0.0	8.35	1268.7	Floats Holding- 6 bbl Back		
04/01/2025	09:12:00	3	0.0	8.35	1268.7	Verify Wash-up		
04/01/2025	09:14:00	3	0.0	8.35	1268.7	End Job		
04/01/2025	09:14:20	3	0.0	8.35	1268.7			
04/01/2025	09:17:40	59	3.1	8.34	1271.0			
04/01/2025	09:21:00	5	0.0	8.35	1276.2			

Well			Field		Job Start		Customer		Job Number	
Hickory 34-4HZ			Wattenberg		Mar/31/2025		OXY		A.1063616.01.25	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Total Volume BBL	Message				
04/01/2025	09:27:40	2	0.0	0.01	1276.3					
04/01/2025	09:31:00	2	0.0	8.36	1276.4					
04/01/2025	09:34:20	2	0.0	8.36	1276.4					
04/01/2025	09:37:40	0	0.0	8.36	1276.4					
04/01/2025	09:41:00	1	0.0	0.43	1276.4					
04/01/2025	09:44:20	-1	0.0	0.01	1276.4					

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 5.3	N2		Mud	Maximum Rate 7.6	Total Slurry 642.0	Mud 0.0		Spacer 80.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 6199	Final -1	Average 1096	Bump Plug to 3200	Breakdown	Type		Volume bbl		Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 642.0 bbl		Displacement 510.7 bbl		Mix Water Temp 75 degF		Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl
								Washed Thru Perfs <input type="checkbox"/>		To ft
Customer or Authorized Representative Aaron Naatz				Schlumberger Supervisor Thomas Bailey				Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
								-		-