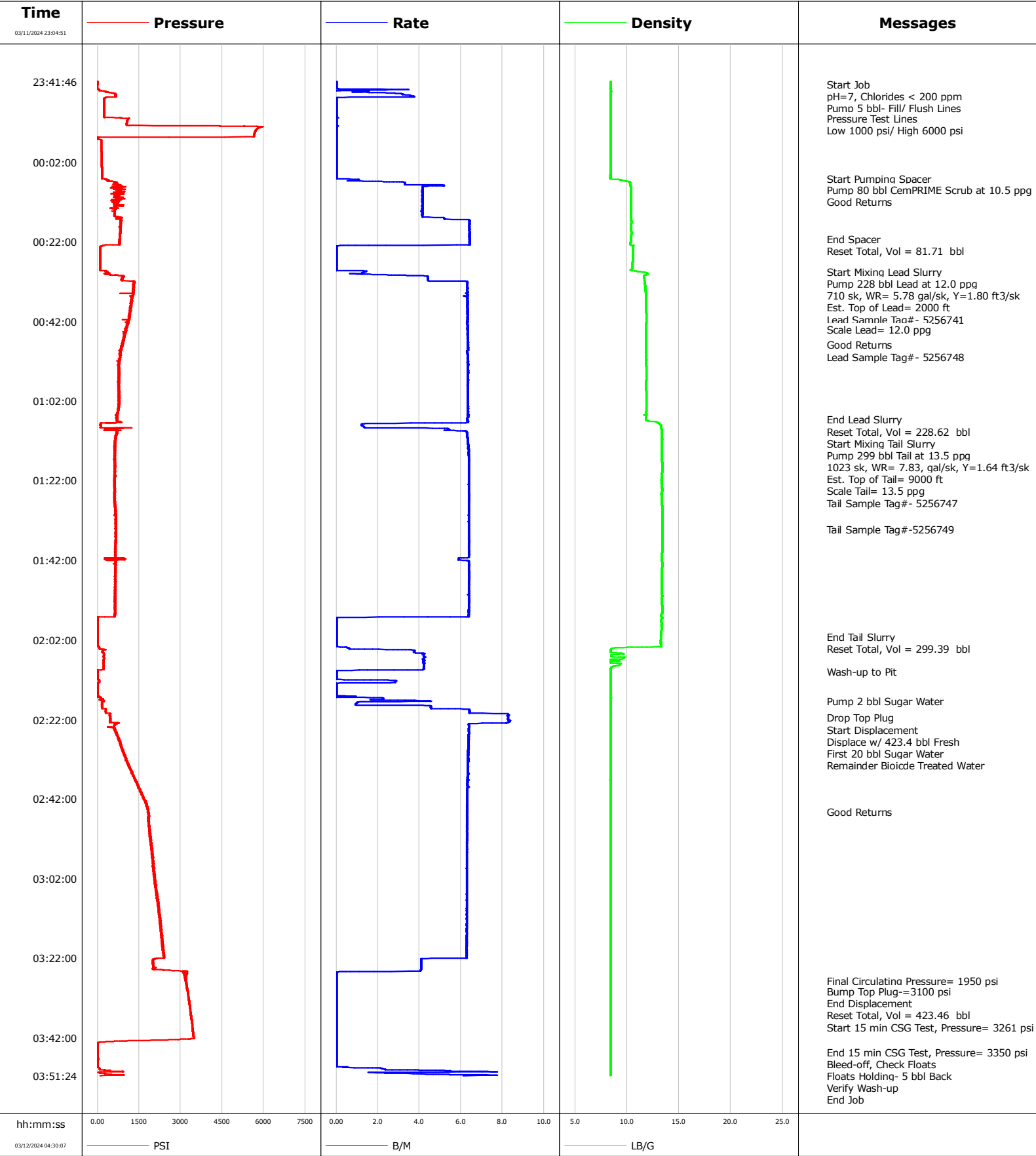


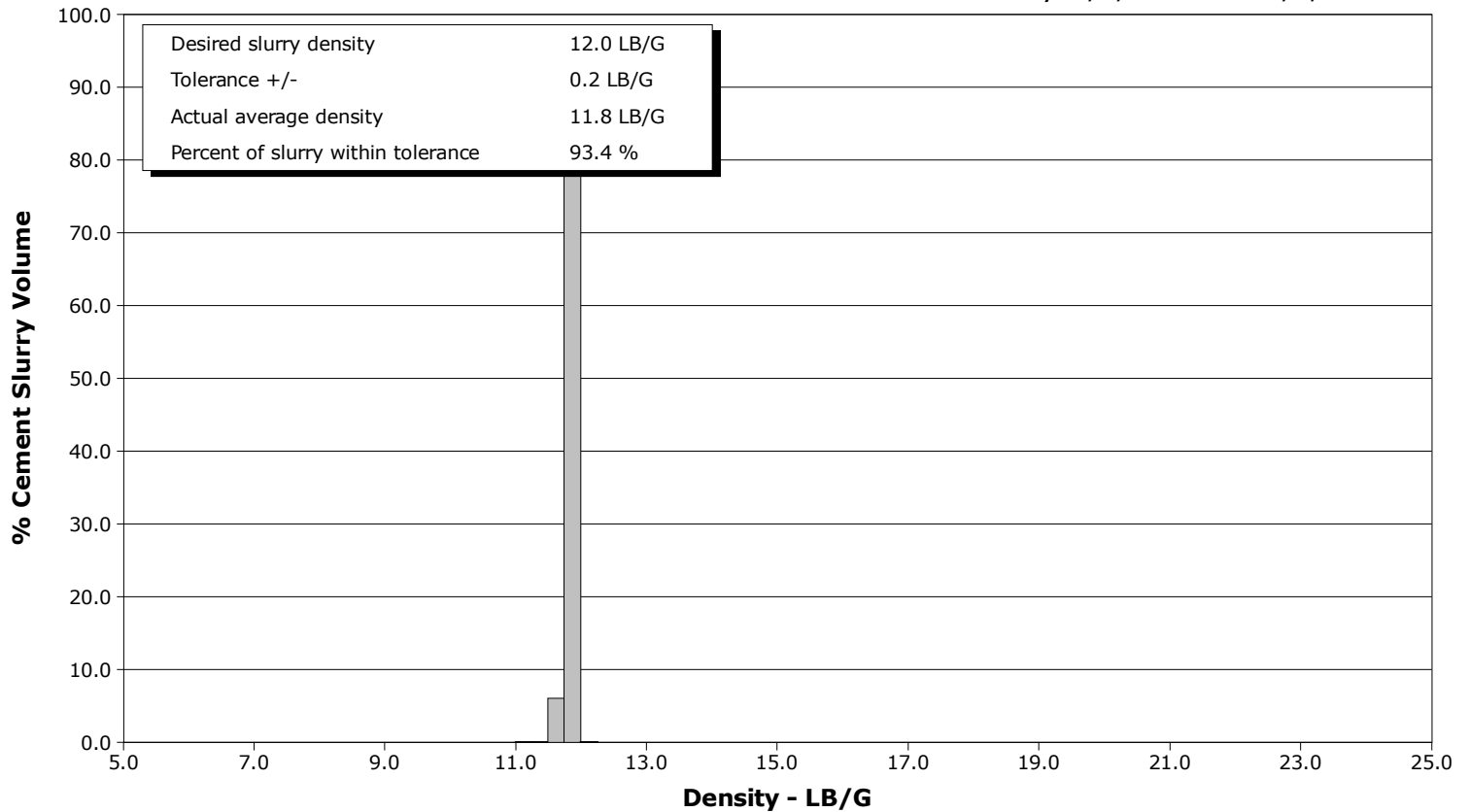
Well	Labrisa 35-9HZ	Client	OXY
Field	Wattenberg	SIR No.	EOIC-02698
Engineer	Thomas Bailey	Job Type	5.5" Production
Country	United States	Job Date	03-11-2024



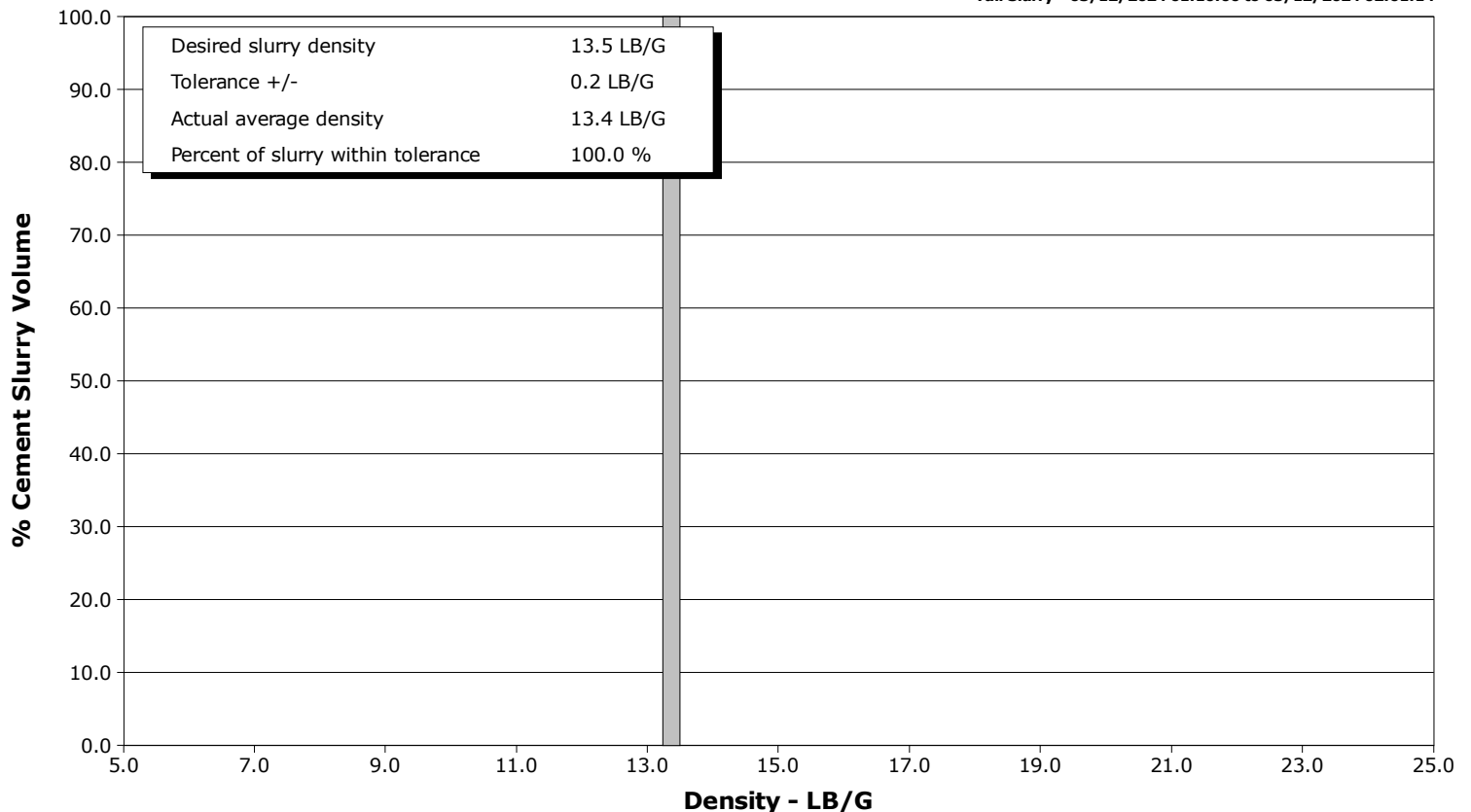
**Well** Labrisa 35-9HZ  
**Field** Wattenberg  
**Engineer** Thomas Bailey  
**Country** United States

**Client** OXY  
**SIR No.** EOIC-02698  
**Job Type** 5.5" Production  
**Job Date** 03-11-2024

**Lead Slurry - 03/12/2024 00:29:30 to 03/12/2024 01:06:40**



**Tail Slurry - 03/12/2024 01:10:00 to 03/12/2024 02:01:14**



Schlumberger

Cementing Service Report

				Customer OXY			Job Number EOIC-02698										
Well Labrisa 35-9HZ			Location (legal) PD562			Schlumberger Location Windsor, CO			Job Start Mar/11/2024								
Field Wattenberg		Formation Name/Type			Deviation deg		Bit Size 7.9 in		Well MD 18273.0 ft		Well TVD 7111.0 ft						
County Weld		State/Province Colorado			BHP psi		BHST 230 degF		BHCT 230 degF		Pore Press. Gradient lb/gal						
Well Master 0067010394		API/UWI 05-123-52244-00-00															
Rig Name PD562		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		2173.0		9.6		36.0							
						18262.0		5.5		17.0							
Drilling Fluid Type Oil Mud		Max. Density 9.60 lb/gal		Plastic Viscosity 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 423.4 bbl		Packer Type		Packer Depth ft					
						Tubing Vol. bbl		Casing Vol. 424.5 bbl		Annular Vol. 600.7 bbl		Openhole Vol. 496.3 bbl					
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input type="checkbox"/>				Casing Tools				Squeeze Job							
Lift Pressure 1950 psi						Shoe Type Float				Squeeze Type							
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 18262.0 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/11/2024 21:00		Arrived on Location Mar/11/2024 20:30		Leave Location Mar/12/2024 09:00		Collar Type Float				Tail Pipe Depth ft							
						Collar Depth 18216.0 ft				Sqz. Total Vol. bbl							
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message											
03/11/2024	23:04:51	1	0.1	8.42	0.0	Started Acquisition											
03/11/2024	23:08:11	3	0.0	8.41	0.0												
03/11/2024	23:11:31	0	0.0	8.42	0.0												
03/11/2024	23:14:51	1	0.0	8.42	0.0												
03/11/2024	23:18:11	2	0.0	8.41	0.0												
03/11/2024	23:21:31	3	0.0	8.42	0.0												
03/11/2024	23:24:51	4	0.0	8.42	0.0												
03/11/2024	23:28:11	5	0.0	8.42	0.0												
03/11/2024	23:31:31	2	0.0	8.42	0.0												
03/11/2024	23:34:51	2	0.0	8.42	0.0												
03/11/2024	23:38:11	4	0.1	8.46	0.0												
03/11/2024	23:41:31	4	0.0	8.41	0.0												
03/11/2024	23:42:30	3	0.0	8.41	0.0	Start Job											
03/11/2024	23:44:00	67	0.3	8.40	0.7	pH=7, Chlorides < 200 ppm											
03/11/2024	23:44:51	646	3.1	8.40	2.0												
03/11/2024	23:45:00	649	3.2	8.41	2.5	Pump 5 bbl- Fill/ Flush Lines											
03/11/2024	23:48:11	241	0.0	8.41	5.1												
03/11/2024	23:51:00	853	0.0	8.41	5.1	Pressure Test Lines											
03/11/2024	23:51:31	1076	0.0	8.41	5.1												
03/11/2024	23:52:00	1063	0.0	8.41	5.1	Low 1000 psi/ High 6000 psi											
03/11/2024	23:54:51	5663	0.0	8.41	5.1												

Well			Field	Job Start		Customer	Job Number	
Labrisa 35-9HZ			Wattenberg		Mar/11/2024		OXY	EOIC-02698
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
03/12/2024	00:01:31	154	0.0	8.41	5.1			
03/12/2024	00:04:51	166	0.0	8.40	5.1			
03/12/2024	00:06:18	262	0.6	8.47	5.1	Start Pumping Spacer		
03/12/2024	00:08:11	577	4.2	10.36	10.5			
03/12/2024	00:09:00	679	4.1	10.38	13.9	Pump 80 bbl CemPRIME Scrub at 10.5 ppg		
03/12/2024	00:10:00	727	4.1	10.39	18.1	Good Returns		
03/12/2024	00:11:31	873	4.1	10.39	24.4			
03/12/2024	00:14:51	627	4.1	10.40	38.2			
03/12/2024	00:18:11	815	6.4	10.39	56.5			
03/12/2024	00:21:16	811	6.4	10.38	76.2	End Spacer		
03/12/2024	00:21:31	808	6.4	10.38	77.8			
03/12/2024	00:22:00	815	6.4	10.38	80.9	Reset Total, Vol = 81.71 bbl		
03/12/2024	00:24:51	97	0.0	10.58	86.8			
03/12/2024	00:28:11	103	0.0	10.51	86.8			
03/12/2024	00:29:30	287	1.4	11.06	87.1	Start Mixing Lead Slurry		
03/12/2024	00:31:00	925	4.4	11.66	90.8	Pump 228 bbl Lead at 12.0 ppg		
03/12/2024	00:31:31	899	4.4	11.66	93.1			
03/12/2024	00:32:00	1313	6.3	11.70	95.4	710 sk, WR= 5.78 gal/sk, Y=1.80 ft3/sk		
03/12/2024	00:33:31	1316	6.3	11.76	105.0	Est. Top of Lead= 2000 ft		
03/12/2024	00:34:51	1297	6.3	11.80	113.4			
03/12/2024	00:35:00	1272	6.2	11.80	114.3	Lead Sample Tag# - 5256741		
03/12/2024	00:38:11	1218	6.3	11.83	134.4			
03/12/2024	00:41:31	1138	6.3	11.85	155.5			
03/12/2024	00:44:00	1020	6.3	11.81	171.1	Scale Lead= 12.0 ppg		
03/12/2024	00:44:51	1011	6.3	11.81	176.5			
03/12/2024	00:47:51	907	6.3	11.81	195.5	Good Returns		
03/12/2024	00:48:11	897	6.3	11.80	197.6			
03/12/2024	00:51:01	804	6.3	11.83	215.5	Lead Sample Tag# - 5256748		
03/12/2024	00:51:31	816	6.3	11.84	218.7			
03/12/2024	00:54:51	791	6.3	11.87	239.8			
03/12/2024	00:58:11	755	6.3	11.83	260.9			
03/12/2024	01:01:31	777	6.3	11.86	282.1			
03/12/2024	01:04:51	735	6.3	11.84	303.2			
03/12/2024	01:06:40	728	6.3	11.82	314.7	End Lead Slurry		
03/12/2024	01:07:19	813	6.3	12.86	318.8	Reset Total, Vol = 228.62 bbl		
03/12/2024	01:08:11	106	1.2	13.28	321.3			
03/12/2024	01:10:00	695	6.3	13.36	328.9	Start Mixing Tail Slurry		
03/12/2024	01:11:00	690	6.3	13.36	335.2	Pump 299 bbl Tail at 13.5 ppg		
03/12/2024	01:12:00	648	6.3	13.35	341.5	1023 sk, WR= 7.83, gal/sk, Y=1.64 ft3/sk		
03/12/2024	01:13:00	649	6.3	13.36	347.8	Est. Top of Tail= 9000 ft		
03/12/2024	01:14:51	638	6.4	13.36	359.6			
03/12/2024	01:14:54	611	6.4	13.36	359.9	Scale Tail= 13.5 ppg		
03/12/2024	01:16:48	619	6.4	13.36	372.0	Tail Sample Tag# - 5256747		
03/12/2024	01:18:11	617	6.4	13.39	380.8			
03/12/2024	01:21:31	625	6.4	13.35	402.1			
03/12/2024	01:24:51	629	6.4	13.35	423.3			
03/12/2024	01:28:11	651	6.4	13.37	444.6			
03/12/2024	01:31:31	665	6.4	13.40	465.8			
03/12/2024	01:34:15	684	6.4	13.41	483.2	Tail Sample Tag# -5256749		
03/12/2024	01:34:51	663	6.4	13.40	487.1			
03/12/2024	01:38:11	657	6.4	13.41	508.3			
03/12/2024	01:41:31	369	5.9	13.35	529.6			
03/12/2024	01:44:51	632	6.4	13.36	550.6			
03/12/2024	01:48:11	640	6.4	13.37	571.9			

Well			Field	Job Start		Customer	Job Number	
Labrisa 35-9HZ			Wattenberg		Mar/11/2024		OXY	EOIC-02698
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
03/12/2024	01:54:51	638	6.4	13.38	614.4			
03/12/2024	01:58:11	10	0.0	13.33	623.6			
03/12/2024	02:01:14	13	0.0	13.26	623.6	End Tail Slurry		
03/12/2024	02:01:31	14	0.0	13.26	623.6			
03/12/2024	02:02:00	14	0.0	13.25	623.6	Reset Total, Vol = 299.39 bbl		
03/12/2024	02:04:51	182	3.7	8.41	625.6			
03/12/2024	02:08:11	231	4.2	9.28	639.4			
03/12/2024	02:09:55	9	0.0	8.41	645.4	Wash-up to Pit		
03/12/2024	02:11:31	4	0.0	8.41	645.4			
03/12/2024	02:14:51	12	0.0	8.44	647.5			
03/12/2024	02:17:15	250	4.2	8.44	649.4	Pump 2 bbl Sugar Water		
03/12/2024	02:18:11	168	0.9	8.43	653.6			
03/12/2024	02:21:31	480	8.3	8.41	674.8			
03/12/2024	02:21:34	457	8.3	8.41	675.2	Drop Top Plug		
03/12/2024	02:22:00	457	8.3	8.41	678.8	Start Displacement		
03/12/2024	02:24:00	541	6.4	8.41	693.4	Displace w/ 423.4 bbl Fresh		
03/12/2024	02:24:51	646	6.4	8.41	698.8			
03/12/2024	02:26:00	737	6.4	8.41	706.1	First 20 bbl Sugar Water		
03/12/2024	02:28:11	856	6.4	8.41	720.0			
03/12/2024	02:30:00	926	6.3	8.41	731.6	Remainder Bioicde Treated Water		
03/12/2024	02:31:31	996	6.3	8.41	741.2			
03/12/2024	02:34:51	1236	6.3	8.41	762.3			
03/12/2024	02:38:11	1434	6.3	8.40	783.4			
03/12/2024	02:41:31	1666	6.3	8.40	804.5			
03/12/2024	02:44:51	1822	6.3	8.40	825.4			
03/12/2024	02:45:08	1852	6.3	8.40	827.2	Good Returns		
03/12/2024	02:48:11	1881	6.3	8.40	846.4			
03/12/2024	02:51:31	1898	6.3	8.40	867.4			
03/12/2024	02:54:51	1965	6.3	8.40	888.3			
03/12/2024	02:58:11	2008	6.3	8.40	909.3			
03/12/2024	03:01:31	2057	6.3	8.40	930.2			
03/12/2024	03:04:51	2127	6.3	8.40	951.1			
03/12/2024	03:08:11	2167	6.3	8.40	972.0			
03/12/2024	03:11:31	2245	6.3	8.40	992.9			
03/12/2024	03:14:51	2287	6.3	8.40	1013.8			
03/12/2024	03:18:11	2324	6.3	8.40	1034.8			
03/12/2024	03:21:31	2416	6.3	8.40	1055.6			
03/12/2024	03:24:51	2285	4.1	8.40	1070.3			
03/12/2024	03:27:30	3181	0.0	8.40	1072.1	Final Circulating Pressure= 1950 psi		
03/12/2024	03:28:11	3198	0.0	8.40	1072.1			
03/12/2024	03:30:15	3256	0.0	8.40	1072.1	Bump Top Plug-=3100 psi		
03/12/2024	03:30:20	3253	0.0	8.40	1072.1	End Displacement		
03/12/2024	03:30:25	3256	0.0	8.41	1072.1	Reset Total, Vol = 423.46 bbl		
03/12/2024	03:30:30	3261	0.0	8.41	1072.1	Start 15 min CSG Test, Pressure= 3261 psi		
03/12/2024	03:31:31	3280	0.0	8.40	1072.1			
03/12/2024	03:34:51	3344	0.0	8.41	1072.1			
03/12/2024	03:38:11	3405	0.0	8.41	1072.1			
03/12/2024	03:41:31	3463	0.0	8.41	1072.1			
03/12/2024	03:44:51	7	0.0	8.41	1072.1			
03/12/2024	03:45:30	7	0.0	8.41	1072.1	End 15 min CSG Test, Pressure= 3350 psi		
03/12/2024	03:45:50	5	0.0	8.41	1072.1	Bleed-off, Check Floats		
03/12/2024	03:46:00	6	0.0	8.41	1072.1	Floats Holding- 5 bbl Back		
03/12/2024	03:47:00	15	0.0	8.41	1072.1	Verify Wash-up		
03/12/2024	03:48:11	3	0.0	8.41	1072.1			

Well Labrisa 35-9HZ			Field Wattenberg		Job Start Mar/11/2024	Customer OXY	Job Number EOIC-02698
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
03/12/2024	03:51:31	21	0.4	8.42	1072.2		
03/12/2024	03:54:51	56	0.0	8.41	1072.2		
03/12/2024	03:58:11	51	0.0	0.05	1072.2		
03/12/2024	04:01:31	50	0.0	0.07	1072.2		
03/12/2024	04:04:51	82	0.0	0.12	1072.2		
03/12/2024	04:08:11	81	0.0	0.05	1072.2		
03/12/2024	04:11:31	51	0.0	0.05	1072.2		
03/12/2024	04:18:11	33	0.0	0.02	1072.2		
03/12/2024	04:21:31	32	0.0	0.02	1072.2		
03/12/2024	04:24:51	33	0.0	0.01	1072.2		

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 4.8	N2	Mud	Maximum Rate 8.4	Total Slurry 527.0	Mud 0.0	Spacer 80.7	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 5988	Final 31	Average 853	Bump Plug to 3100	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 527.0 bbl		Displacement 423.4 bbl	Mix Water Temp 68 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl		
					Washed Thru Perfs <input type="checkbox"/>	To ft		
Customer or Authorized Representative Joe Wallem			Schlumberger Supervisor Thomas Bailey			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
					-		-	