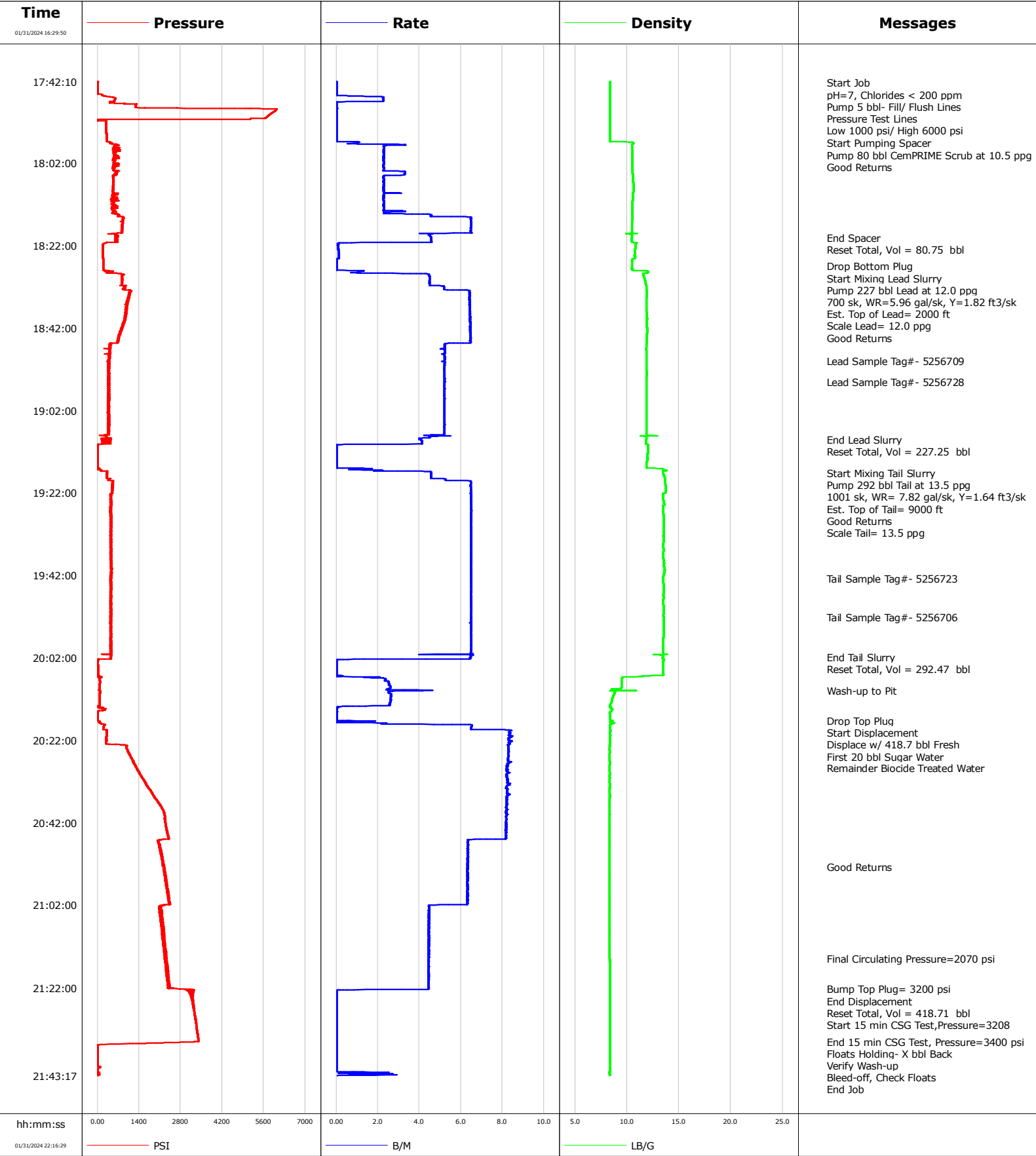


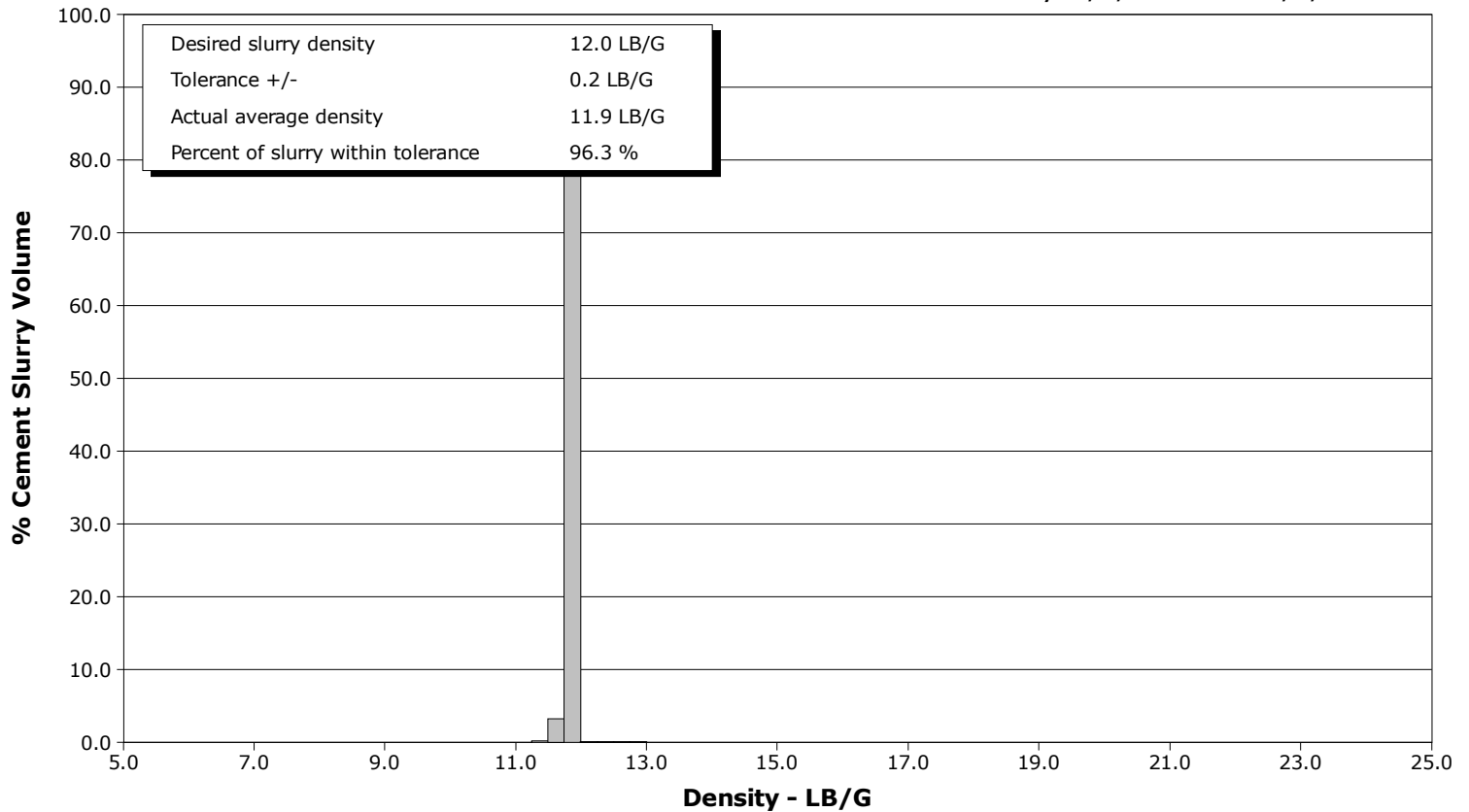
Well	Labirsa 35-1HZ	Client	OXY
Field	Wattenberg	SIR No.	EOIC-02556
Engineer	Thomas Bailey	Job Type	Production
Country	United States	Job Date	01-31-2024



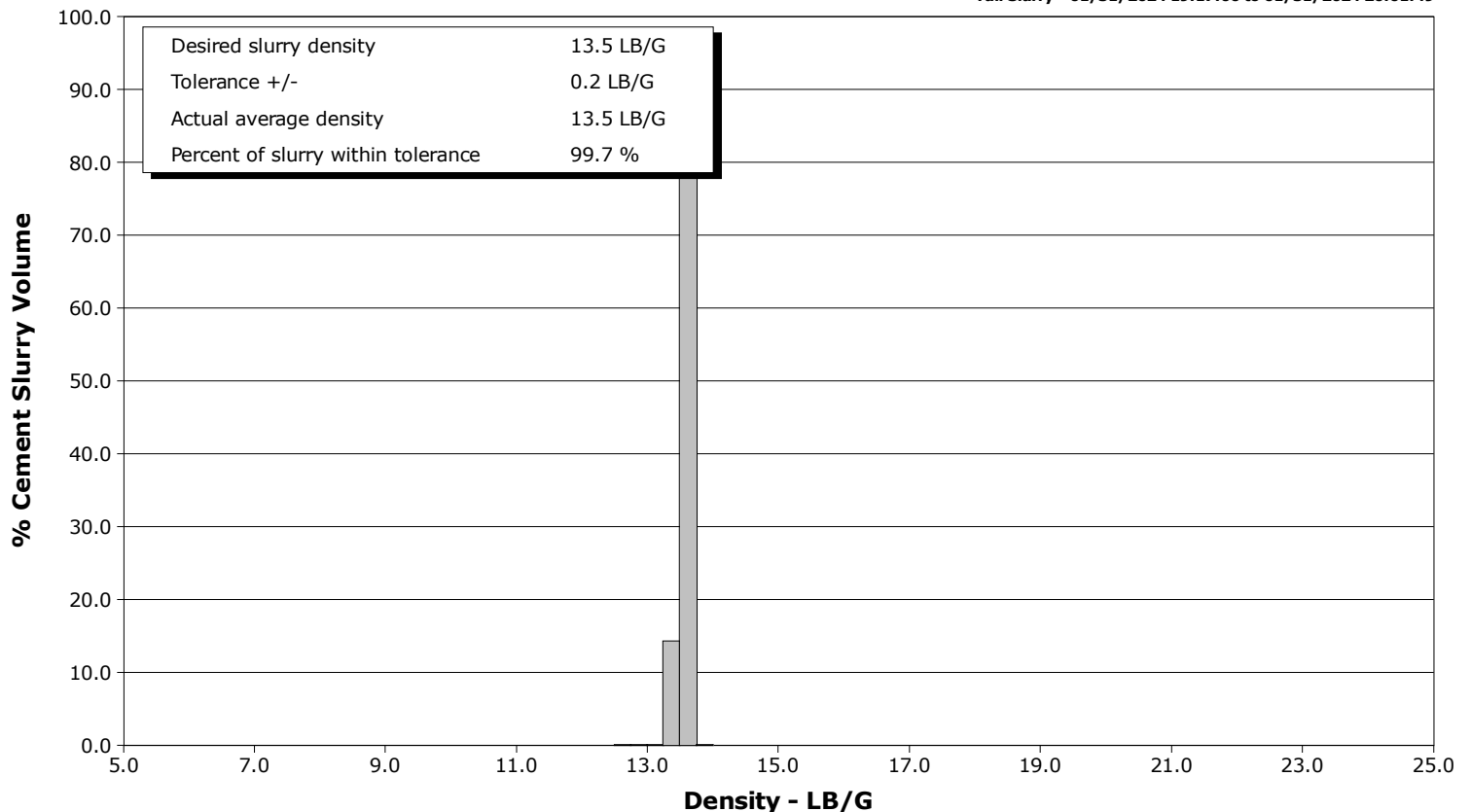
Well Labirsa 35-1HZ
Field Wattenberg
Engineer Thomas Bailey
Country United States

Client OXY
SIR No. EOIC-02556
Job Type Production
Job Date 01-31-2024

Lead Slurry - 01/31/2024 18:29:00 to 01/31/2024 19:09:00



Tail Slurry - 01/31/2024 19:17:00 to 01/31/2024 20:01:49





Cementing Service Report

				Customer OXY			Job Number EOIC-02556	
Well Labirsa 35-1HZ		Location (legal) PD562		Schlumberger Location Windsor		Job Start Jan/31/2024		
Field Wattenberg		Formation Name/Type		Deviation deg	Bit Size 7.9 in	Well MD 18072.0 ft	Well TVD 7117.0 ft	
County Weld		State/Province Colorado		BHP psi	BHST 230 degF	BHCT 230 degF	Pore Press. Gradient lb/gal	
Well Master Requested		API/UWI 05-123-52236-00-00						
Rig Name PD562	Drilled For Oil and 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	2149.0	9.6	36.0			
			18061.0	5.5	17.0			
Drilling Fluid Type Oil Mud		Max. Density 9.50 lb/gal	Plastic Viscosity cP	Tubing/Drill Pipe				
				T/D	Depth, ft	Size, in	Weight, lb/ft	Grade
Service Line Cementing	Job Type 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	
Service Instructions Cement 5.5" CSG to 18,061 ft Pump 80 bbl CemPRIME Scrub at 10.5 ppg 227 bbl Lead at 12.0 ppg (700 sk, WR=5.96 gal/sk, Y=1.82 ft3/sk) 292 bbl Tail at 13.5 ppg (1001 sk, WR=7.82 gal/sk, Y=1.64 ft3/sk) Disp. w/ 418.7 bbl Fresh			ft	ft				
			ft	ft			Diameter in	
			ft	ft				
			Treat Down Casing	Displacement 418.7 bbl	Packer Type	Packer Depth ft		
			Tubing Vol. bbl	Casing Vol. 419.8 bbl	Annular Vol. 595.0 bbl	Openhole Vol. 491.0 bbl		
Casing/Tubing Secured <input type="checkbox"/>	1 Hole Vol. Circulated prior to Cement <input type="checkbox"/>	Casing Tools			Squeeze Job			
Lift Pressure 2100 psi		Shoe Type Float		Squeeze Type				
Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Shoe Depth 18061.0 ft		Tool Type				
No. Centralizers	Top Plugs 1	Bottom Plugs 1	Stage Tool Type		Tool Depth ft			
Cement Head Type Single		Stage Tool Depth ft		Tail Pipe Size in				
Job Scheduled For Jan/31/2024 12:30	Arrived on Location Jan/31/2024 12:00	Leave Location Feb/01/2024 01:00	Collar Type Float		Tail Pipe Depth ft			
			Collar Depth 18016.0 ft		Sqz. Total Vol. bbl			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
01/31/2024	17:42:30	8	0.0	8.36	5.2	Started Acquisition		
01/31/2024	17:43:00	4	0.0	8.36	5.2	pH=7, Chlorides < 200 ppm		
01/31/2024	17:44:00	4	0.0	8.36	5.2	Pump 5 bbl- Fill/ Flush Lines		
01/31/2024	17:45:30	152	0.0	8.36	0.0	Pressure Test Lines		
01/31/2024	17:45:50	377	2.0	8.35	0.2			
01/31/2024	17:46:00	515	2.2	8.36	0.5	Low 1000 psi/ High 6000 psi		
01/31/2024	17:49:10	5997	0.0	8.36	0.0			
01/31/2024	17:52:30	288	0.0	8.36	0.0			
01/31/2024	17:55:50	306	0.0	8.36	0.0			
01/31/2024	17:57:00	449	1.0	10.59	0.2	Start Pumping Spacer		
01/31/2024	17:59:10	541	2.3	10.51	4.9			
01/31/2024	18:00:00	602	2.3	10.52	6.8	Pump 80 bbl CemPRIME Scrub at 10.5 ppg		
01/31/2024	18:02:00	639	2.3	10.53	11.4	Good Returns		
01/31/2024	18:02:30	528	2.3	10.53	12.5			
01/31/2024	18:05:50	529	2.3	10.59	21.1			
01/31/2024	18:09:10	549	2.3	10.59	28.7			
01/31/2024	18:12:30	500	2.3	10.54	36.3			
01/31/2024	18:15:50	855	6.5	10.50	49.4			
01/31/2024	18:19:10	631	4.6	10.07	70.6			
01/31/2024	18:20:00	670	4.6	10.45	74.4	End Spacer		
01/31/2024	18:20:38	694	4.6	10.45	77.3	Reset Total, Vol = 80.75 bbl		

Well			Field		Job Start		Customer		Job Number	
Labirsa 35-1HZ			Wattenberg		Jan/31/2024		OXY		EOIC-02556	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
01/31/2024	18:25:50	187	0.0	10.47	0.4					
01/31/2024	18:27:00	188	0.0	10.46	0.4	Drop Bottom Plug				
01/31/2024	18:29:00	865	4.4	11.56	1.9	Start Mixing Lead Slurry				
01/31/2024	18:29:10	853	4.5	11.56	2.7					
01/31/2024	18:30:00	820	4.5	11.69	6.4	Pump 227 bbl Lead at 12.0 ppg				
01/31/2024	18:32:30	873	5.2	11.87	18.2	700 sk, WR=5.96 gal/sk, Y=1.82 ft3/sk				
01/31/2024	18:34:00	1059	6.4	11.90	27.5	Est. Top of Lead= 2000 ft				
01/31/2024	18:35:50	1026	6.4	11.85	39.2					
01/31/2024	18:36:00	1015	6.4	11.85	40.3	Scale Lead= 12.0 ppg				
01/31/2024	18:39:10	951	6.4	11.92	60.7					
01/31/2024	18:42:30	788	6.4	11.94	82.2					
01/31/2024	18:45:50	421	5.2	11.87	103.4					
01/31/2024	18:49:10	386	5.2	11.88	120.8					
01/31/2024	18:50:00	425	5.2	11.88	125.2	Lead Sample Tag#- 5256709				
01/31/2024	18:52:30	362	5.2	11.89	138.2					
01/31/2024	18:55:00	416	5.2	11.88	151.2	Lead Sample Tag#- 5256728				
01/31/2024	18:55:50	403	5.2	11.87	155.6					
01/31/2024	18:59:10	402	5.2	11.86	172.9					
01/31/2024	19:02:30	361	5.2	11.87	190.3					
01/31/2024	19:05:50	366	5.2	11.86	207.6					
01/31/2024	19:09:00	134	4.0	11.85	223.3	End Lead Slurry				
01/31/2024	19:09:10	463	4.1	11.82	223.9					
01/31/2024	19:10:00	231	4.1	11.83	227.4	Reset Total, Vol = 227.25 bbl				
01/31/2024	19:12:30	12	0.0	11.99	0.0					
01/31/2024	19:15:50	10	0.0	11.90	0.0					
01/31/2024	19:17:00	322	4.6	13.45	2.5	Start Mixing Tail Slurry				
01/31/2024	19:19:10	525	6.5	13.68	13.1					
01/31/2024	19:20:00	539	6.5	13.71	18.5	Pump 292 bbl Tail at 13.5 ppg				
01/31/2024	19:21:00	498	6.5	13.73	25.0	1001 sk, WR= 7.82 gal/sk, Y=1.64 ft3/sk				
01/31/2024	19:22:00	500	6.5	13.70	31.4	Est. Top of Tail= 9000 ft				
01/31/2024	19:22:30	464	6.5	13.50	34.7					
01/31/2024	19:23:00	460	6.5	13.49	37.9	Good Returns				
01/31/2024	19:25:50	439	6.5	13.49	56.3					
01/31/2024	19:27:00	447	6.5	13.50	63.9	Scale Tail= 13.5 ppg				
01/31/2024	19:29:10	463	6.5	13.55	77.9					
01/31/2024	19:32:30	463	6.5	13.52	99.5					
01/31/2024	19:35:50	453	6.5	13.53	121.2					
01/31/2024	19:39:10	483	6.5	13.56	142.8					
01/31/2024	19:42:30	463	6.5	13.48	164.4					
01/31/2024	19:42:43	444	6.5	13.48	165.8	Tail Sample Tag#- 5256723				
01/31/2024	19:45:50	467	6.5	13.53	186.1					
01/31/2024	19:49:10	438	6.5	13.52	207.7					
01/31/2024	19:52:10	454	6.5	13.52	227.1	Tail Sample Tag#- 5256706				
01/31/2024	19:52:30	450	6.5	13.53	229.3					
01/31/2024	19:55:50	477	6.5	13.53	250.9					
01/31/2024	19:59:10	430	6.5	13.49	272.6					
01/31/2024	20:01:49	454	6.4	13.46	289.6	End Tail Slurry				
01/31/2024	20:02:00	467	6.4	13.41	290.8	Reset Total, Vol = 292.47 bbl				
01/31/2024	20:02:30	17	0.0	13.52	292.8					
01/31/2024	20:05:50	18	0.0	13.50	292.8					
01/31/2024	20:09:10	78	2.6	9.46	6.3					
01/31/2024	20:10:00	94	3.2	8.45	8.8	Wash-up to Pit				
01/31/2024	20:15:50	9	0.0	8.37	18.4					
01/31/2024	20:17:13	11	0.5	8.61	0.0	Drop Top Plug				

Well			Field		Job Start		Customer		Job Number	
Labirsa 35-1HZ			Wattenberg		Jan/31/2024		OXY		EOIC-02556	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
01/31/2024	20:19:10	207	6.5	8.38	8.0					
01/31/2024	20:20:00	313	8.3	8.39	14.5	Displace w/ 418.7 bbl Fresh				
01/31/2024	20:22:00	303	8.3	8.35	31.2	First 20 bbl Sugar Water				
01/31/2024	20:22:30	293	8.3	8.35	35.4					
01/31/2024	20:25:00	1047	8.3	8.35	56.1	Remainder Biocide Treated Water				
01/31/2024	20:25:50	1101	8.3	8.35	63.0					
01/31/2024	20:29:10	1342	8.3	8.35	90.5					
01/31/2024	20:32:30	1619	8.4	8.36	118.0					
01/31/2024	20:35:50	1921	8.2	8.35	145.4					
01/31/2024	20:39:10	2224	8.2	8.34	172.7					
01/31/2024	20:42:30	2291	8.2	8.35	200.0					
01/31/2024	20:45:50	2406	8.1	8.34	227.2					
01/31/2024	20:49:10	2117	6.3	8.34	248.6					
01/31/2024	20:52:30	2230	6.3	8.34	269.7					
01/31/2024	20:52:32	2251	6.3	8.34	269.9	Good Returns				
01/31/2024	20:55:50	2333	6.3	8.34	290.8					
01/31/2024	20:59:10	2390	6.3	8.34	311.8					
01/31/2024	21:02:30	2065	4.5	8.34	331.7					
01/31/2024	21:05:50	2166	4.4	8.34	346.6					
01/31/2024	21:09:10	2267	4.4	8.34	361.4					
01/31/2024	21:12:30	2276	4.4	8.35	376.3					
01/31/2024	21:15:00	2297	4.4	8.35	387.4	Final Circulating Pressure=2070 psi				
01/31/2024	21:15:50	2277	4.4	8.35	391.1					
01/31/2024	21:19:10	2360	4.4	8.35	405.9					
01/31/2024	21:22:20	2910	4.4	8.35	420.0	Bump Top Plug= 3200 psi				
01/31/2024	21:22:30	3225	0.5	8.35	420.6	End Displacement				
01/31/2024	21:22:40	3211	0.0	8.35	420.6	Reset Total, Vol = 418.71 bbl				
01/31/2024	21:22:45	3208	0.0	8.35	420.6	Start 15 min CSG Test,Pressure=3208				
01/31/2024	21:25:50	3207	0.0	8.35	420.6					
01/31/2024	21:29:10	3289	0.0	8.36	420.6					
01/31/2024	21:32:30	3355	0.0	8.35	420.6					
01/31/2024	21:35:00	3400	0.0	8.35	420.6	End 15 min CSG Test, Pressure=3400 psi				
01/31/2024	21:35:30	1479	0.0	8.35	420.6	Floats Holding- X bbl Back				
01/31/2024	21:35:50	58	0.0	8.35	420.6					
01/31/2024	21:36:00	9	0.0	8.35	420.6	Verify Wash-up				
01/31/2024	21:36:30	8	0.0	8.35	420.6	Bleed-off, Check Floats				

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 4.6	N2	Mud	Maximum Rate 8.5		Total Slurry 519.0	Mud 0.0	Spacer 80.0	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 6061	Final 4	Average 747	Bump Plug to 3200	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 519.0 bbl		Displacement 418.7 bbl	Mix Water Temp 72 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl	
						Washed Thru Perfs <input type="checkbox"/>	To ft	
Customer or Authorized Representative Jacob Hooper			Schlumberger Supervisor Thomas Bailey			Circulation Lost <input type="checkbox"/>	Job Completed <input type="checkbox"/>	
						-	-	