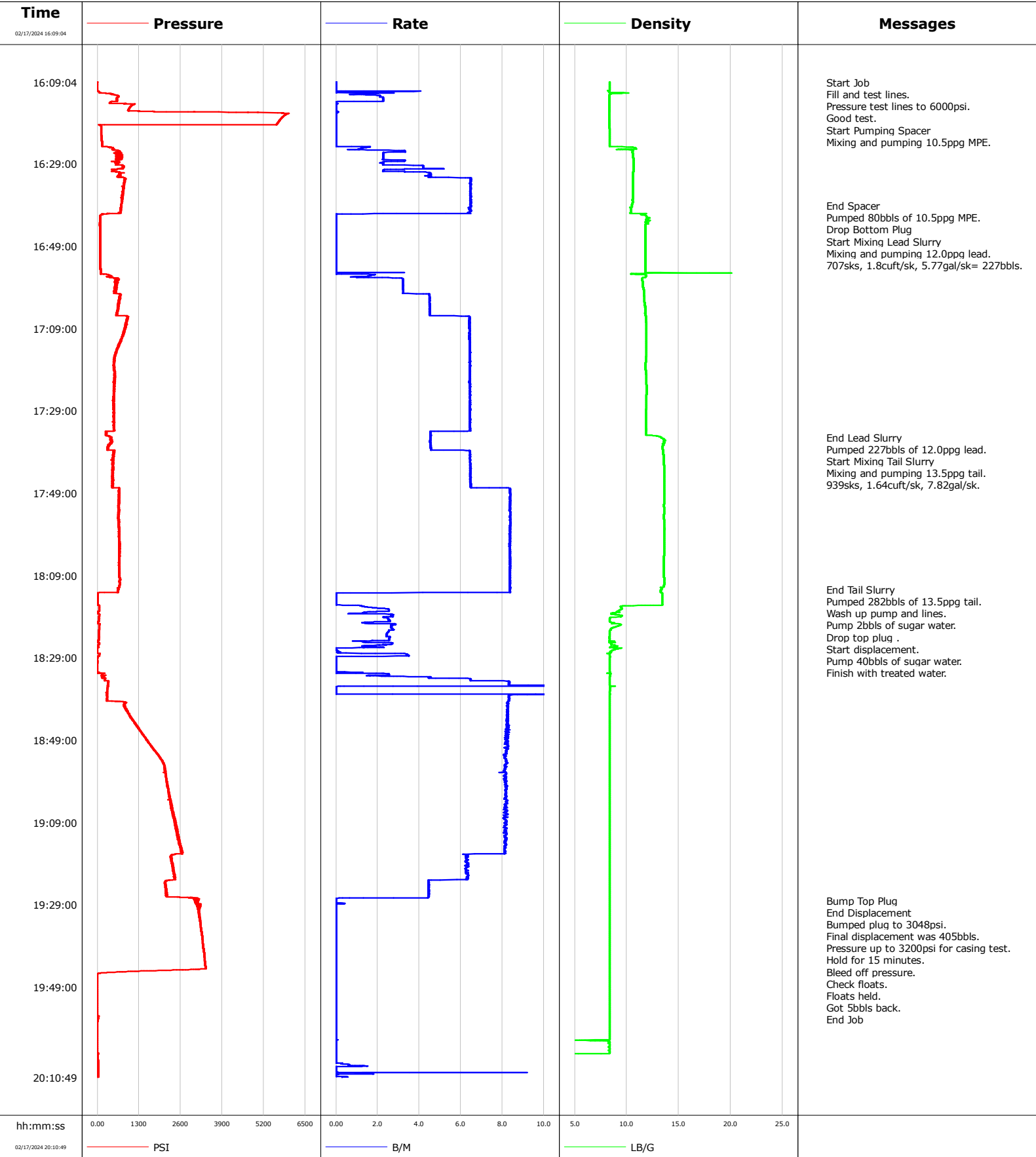


Well	LABRISA 35-4HZ	Client	OXY
Field		SIR No.	EOIC-02635
Engineer	JEFFREY PATTERSON	Job Type	PRODUCTION
Country	United States	Job Date	02-17-2024



Schlumberger

Cementing Service Report

					Customer OXY			Job Number EOIC-02635									
Well LABRISA 35-4HZ 35-4HZ			Location (legal)			Schlumberger Location WINDSOR			Job Start Feb/17/2024								
Field		Formation Name/Type			Deviation 90 deg		Bit Size 7.9 in		Well MD 17490.0 ft		Well TVD 7252.0 ft						
County WELD		State/Province Colorado			BHP psi		BHST 230 degF		BHCT 230 degF		Pore Press. Gradient lb/gal						
Well Master 0067010219		API/UWI 05-123-52239-00-00															
Rig Name PRECISION 562		Drilled For Oil & Gas		Service Via Land		Casing/Liner											
Offshore Zone		Well Class New		Well Type Development		Depth, ft		Size, in		Weight, lb/ft		Grade		Thread			
						17490.0		5.5		17.0		P110		8RD			
						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 PRODUCTION															
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection CEMENT HEAD		Perforations/Open Hole											
Service Instructions PUMPED 80BBLS OF 10.5PPG MPE. 707SKS, 1.8CUFT/SK, 5.77GAL/SK= 227BBLS OF 12.0PPG LEAD. 939SKS, 1.64CUFT/SK, 7.82GAL/SK= 274BBLS OF 13.5PPG TAIL.. EST. T.O.L= 1875' EST. T.O.T.= 8875'						Top, ft		Bottom, ft		shot/ft		No. of Shots		Total Interval ft			
						ft		ft									
						ft		ft						Diameter in			
								Treat Down Casing		Displacement 405.6 bbl		Packer Type		Packer Depth ft			
								Tubing Vol. 406.6 bbl		Casing Vol. 406.6 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 2400 psi						Shoe Type Float				Squeeze Type							
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 17490.0 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 Feb/17/2024 13:30		Arrived on Location Feb/17/2024 13:30		Leave Location Feb/17/2024 21:00		Collar Type Float				Tail Pipe Depth ft							
						Collar Depth 17445.0 ft				Sqz. Total Vol. bbl							
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Backside NULL	Message										
02/17/2024	16:09:04	-1	0.0	8.34	0.0	0	Started Acquisition										
02/17/2024	16:09:05	0	0.0	8.34	0.0	0	Start Job										
02/17/2024	16:09:06	0	0.0	8.34	0.0	0	Fill and test lines.										
02/17/2024	16:09:07	-0	0.0	8.34	0.0	0	Good test.										
02/17/2024	16:10:34	-1	0.0	8.34	0.0	0											
02/17/2024	16:12:04	489	1.3	8.36	1.3	0											
02/17/2024	16:13:34	610	2.3	8.33	4.4	0											
02/17/2024	16:15:04	1033	0.0	8.33	5.0	0											
02/17/2024	16:18:04	5732	0.0	8.33	5.1	0											
02/17/2024	16:19:34	87	0.0	8.33	5.1	0											
02/17/2024	16:20:51	111	0.0	8.33	5.1	0	Start Pumping Spacer										
02/17/2024	16:20:53	111	0.0	8.33	5.1	0	Mixing and pumping 10.5ppg MPE.										
02/17/2024	16:21:04	114	0.0	8.34	5.1	0											
02/17/2024	16:22:34	129	0.0	8.34	5.1	0											
02/17/2024	16:24:04	146	0.0	8.34	5.1	0											
02/17/2024	16:25:34	496	1.3	10.18	6.1	0											
02/17/2024	16:27:04	758	2.3	10.61	9.9	0											
02/17/2024	16:28:34	590	2.3	10.63	13.7	0											
02/17/2024	16:30:04	788	4.2	10.63	18.5	0											
02/17/2024	16:31:34	700	4.5	10.59	23.9	0											
02/17/2024	16:33:04	866	6.5	10.60	32.1	0											

Well			Field		Job Start	Customer	Job Number
LABRISA 35-4HZ 35-4HZ					Feb/17/2024	OXY	EOIC-02635
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Backside NULL	Message
02/17/2024	16:36:04	784	6.5	10.61	51.5	0	
02/17/2024	16:37:34	769	6.5	10.57	61.2	0	
02/17/2024	16:39:04	743	6.5	10.49	71.0	0	
02/17/2024	16:39:05	762	6.5	10.49	71.1	0	End Spacer
02/17/2024	16:39:07	745	6.5	10.49	71.3	0	Pumped 80bbls of 10.5ppg MPE.
02/17/2024	16:39:10	748	6.5	10.49	71.6	0	Drop Bottom Plug
02/17/2024	16:39:17	739	6.5	10.49	72.4	0	Start Mixing Lead Slurry
02/17/2024	16:39:18	747	6.5	10.49	72.5	0	Mixing and pumping 12.0ppg lead.
02/17/2024	16:40:34	714	6.5	10.40	80.6	0	
02/17/2024	16:42:04	81	0.0	12.21	84.0	0	
02/17/2024	16:43:34	78	0.0	11.95	84.0	0	
02/17/2024	16:45:04	79	0.0	11.80	84.0	0	
02/17/2024	16:46:34	81	0.0	11.80	84.0	0	
02/17/2024	16:48:04	83	0.0	11.80	84.0	0	
02/17/2024	16:49:34	87	0.0	11.80	84.0	0	
02/17/2024	16:51:04	89	0.0	11.80	84.0	0	
02/17/2024	16:52:34	91	0.0	11.80	84.0	0	
02/17/2024	16:54:04	92	0.0	11.80	84.0	0	
02/17/2024	16:55:34	96	0.1	11.41	84.0	0	
02/17/2024	16:57:04	591	3.2	11.45	86.7	0	
02/17/2024	16:58:34	579	3.2	11.56	91.5	0	
02/17/2024	17:00:04	572	3.2	11.62	96.4	0	
02/17/2024	17:01:34	682	4.5	11.71	102.5	0	
02/17/2024	17:03:04	640	4.5	11.74	109.2	0	
02/17/2024	17:04:34	662	4.5	11.76	116.0	0	
02/17/2024	17:06:04	943	6.4	11.83	123.0	0	
02/17/2024	17:07:34	881	6.4	11.86	132.5	0	
02/17/2024	17:09:04	847	6.4	11.87	142.3	0	
02/17/2024	17:10:34	814	6.4	11.88	151.9	0	
02/17/2024	17:12:04	720	6.4	11.88	161.5	0	
02/17/2024	17:13:34	661	6.4	11.88	171.2	0	
02/17/2024	17:15:04	566	6.5	11.88	180.8	0	
02/17/2024	17:16:34	534	6.4	11.84	190.5	0	
02/17/2024	17:18:04	503	6.4	11.78	200.1	0	
02/17/2024	17:19:34	530	6.4	11.85	209.8	0	
02/17/2024	17:21:04	540	6.4	11.88	219.4	0	
02/17/2024	17:22:34	537	6.5	11.90	229.1	0	
02/17/2024	17:24:04	515	6.4	11.91	238.7	0	
02/17/2024	17:25:34	516	6.4	11.89	248.4	0	
02/17/2024	17:27:04	505	6.4	11.88	258.1	0	
02/17/2024	17:28:34	529	6.4	11.86	267.7	0	
02/17/2024	17:30:04	510	6.4	11.84	277.4	0	
02/17/2024	17:31:34	507	6.5	11.83	287.0	0	
02/17/2024	17:33:04	510	6.4	11.83	296.7	0	
02/17/2024	17:34:34	263	4.5	11.83	305.1	0	
02/17/2024	17:35:22	434	4.5	13.29	308.8	0	End Lead Slurry
02/17/2024	17:35:23	441	4.5	13.29	308.8	0	Pumped 227bbls of 12.0ppg lead.
02/17/2024	17:35:28	445	4.5	13.29	309.2	0	Start Mixing Tail Slurry
02/17/2024	17:35:29	428	4.5	13.29	309.3	0	Mixing and pumping 13.5ppg tail.
02/17/2024	17:35:30	463	4.5	13.30	309.4	0	939sks, 1.64cuft/sk, 7.82gal/sk.
02/17/2024	17:36:04	419	4.5	13.65	311.9	0	
02/17/2024	17:37:34	365	4.5	13.44	318.7	0	
02/17/2024	17:39:04	542	6.5	13.52	326.5	0	
02/17/2024	17:40:34	510	6.4	13.54	336.2	0	

Well			Field		Job Start	Customer	Job Number
LABRISA 35-4HZ 35-4HZ					Feb/17/2024	OXY	EOIC-02635
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Backside NULL	Message
02/17/2024	17:43:34	493	6.5	13.59	355.6	0	
02/17/2024	17:45:04	463	6.5	13.59	365.3	0	
02/17/2024	17:46:34	492	6.5	13.61	375.0	0	
02/17/2024	17:48:04	671	8.3	13.58	385.4	0	
02/17/2024	17:49:34	680	8.4	13.57	398.0	0	
02/17/2024	17:51:04	669	8.4	13.58	410.5	0	
02/17/2024	17:52:34	655	8.4	13.57	423.0	0	
02/17/2024	17:54:04	677	8.4	13.58	435.6	0	
02/17/2024	17:55:34	690	8.4	13.58	448.2	0	
02/17/2024	17:57:04	675	8.4	13.60	460.7	0	
02/17/2024	17:58:34	672	8.4	13.61	473.1	0	
02/17/2024	18:00:04	698	8.4	13.59	485.8	0	
02/17/2024	18:01:34	698	8.4	13.60	498.3	0	
02/17/2024	18:03:04	682	8.4	13.58	510.9	0	
02/17/2024	18:04:34	681	8.4	13.57	523.4	0	
02/17/2024	18:06:04	685	8.4	13.54	535.9	0	
02/17/2024	18:07:34	691	8.4	13.56	548.5	0	
02/17/2024	18:09:04	674	8.4	13.56	561.0	0	
02/17/2024	18:10:34	689	8.4	13.61	573.5	0	
02/17/2024	18:12:04	644	8.4	13.34	586.1	0	
02/17/2024	18:12:24	662	8.3	13.29	588.9	0	End Tail Slurry
02/17/2024	18:12:26	660	8.3	13.26	589.1	0	Pumped 282bbls of 13.5ppg tail.
02/17/2024	18:12:31	643	8.3	13.26	589.8	0	Wash up pump and lines.
02/17/2024	18:12:35	643	8.4	13.28	590.4	0	Pump 2bbls of sugar water.
02/17/2024	18:12:37	648	8.3	13.29	590.7	0	Drop top plug .
02/17/2024	18:12:38	644	8.3	13.29	590.8	0	Finish with treated water.
02/17/2024	18:13:34	7	0.0	13.39	595.2	0	
02/17/2024	18:15:04	3	0.0	13.39	595.2	0	
02/17/2024	18:16:34	56	1.4	9.44	595.7	0	
02/17/2024	18:18:04	-1	1.3	8.63	598.7	0	
02/17/2024	18:19:34	46	2.5	8.37	602.2	0	
02/17/2024	18:21:04	61	2.7	9.32	605.7	0	
02/17/2024	18:22:34	40	2.5	8.35	609.6	0	
02/17/2024	18:24:04	46	2.6	8.33	613.3	0	
02/17/2024	18:25:34	54	2.7	8.48	616.7	0	
02/17/2024	18:27:04	-12	0.0	8.69	618.5	0	
02/17/2024	18:28:34	7	2.3	8.38	621.0	0	
02/17/2024	18:30:04	1	0.0	8.38	621.1	0	
02/17/2024	18:31:34	-2	0.0	8.38	621.1	0	
02/17/2024	18:33:04	184	2.5	8.40	622.1	0	
02/17/2024	18:34:34	347	8.1	8.37	629.0	0	
02/17/2024	18:36:04	320	8.2	8.41	641.3	0	
02/17/2024	18:37:34	295	8.3	8.38	653.6	0	
02/17/2024	18:39:04	295	8.3	8.36	666.0	0	
02/17/2024	18:40:34	865	8.3	8.35	678.4	0	
02/17/2024	18:42:04	946	8.3	8.35	690.8	0	
02/17/2024	18:43:34	1036	8.3	8.35	703.2	0	
02/17/2024	18:45:04	1201	8.3	8.35	715.5	0	
02/17/2024	18:46:34	1330	8.3	8.34	727.9	0	
02/17/2024	18:48:04	1463	8.2	8.34	740.2	0	
02/17/2024	18:49:34	1596	8.2	8.34	752.4	0	
02/17/2024	18:51:04	1746	8.3	8.34	764.9	0	
02/17/2024	18:52:34	1898	8.1	8.34	777.1	0	
02/17/2024	18:54:04	2038	8.2	8.34	789.3	0	

Well LABRISA 35-4HZ 35-4HZ			Field		Job Start Feb/17/2024		Customer OXY		Job Number EOIC-02635
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Backside NULL	Message		
02/17/2024	18:57:04	2121	8.2	8.34	813.8	0			
02/17/2024	18:58:34	2151	8.1	8.34	826.0	0			
02/17/2024	19:00:04	2191	8.2	8.34	838.2	0			
02/17/2024	19:01:34	2240	8.2	8.34	850.4	0			
02/17/2024	19:03:04	2262	8.2	8.34	862.7	0			
02/17/2024	19:04:34	2308	8.1	8.34	875.0	0			
02/17/2024	19:06:04	2364	8.2	8.34	887.2	0			
02/17/2024	19:07:34	2371	8.2	8.34	899.4	0			
02/17/2024	19:10:34	2493	8.2	8.34	923.9	0			
02/17/2024	19:12:04	2489	8.2	8.34	936.1	0			
02/17/2024	19:13:34	2560	8.1	8.34	948.3	0			
02/17/2024	19:15:04	2629	8.1	8.34	960.5	0			
02/17/2024	19:16:34	2635	8.1	8.34	972.7	0			
02/17/2024	19:18:04	2339	6.3	8.34	982.1	0			
02/17/2024	19:19:34	2354	6.3	8.34	991.6	0			
02/17/2024	19:21:04	2382	6.2	8.34	1001.0	0			
02/17/2024	19:22:34	2415	6.3	8.34	1010.5	0			
02/17/2024	19:24:04	2142	4.5	8.34	1017.8	0			
02/17/2024	19:25:34	2146	4.5	8.34	1024.4	0			
02/17/2024	19:27:04	2566	4.4	8.34	1031.1	0			
02/17/2024	19:27:53	3040	0.0	8.34	1032.0	0	Bump Top Plug		
02/17/2024	19:27:54	3047	0.0	8.34	1032.0	0	End Displacement		
02/17/2024	19:27:55	3057	0.0	8.34	1032.0	0	Bumped plug to 3048psi.		
02/17/2024	19:28:34	3128	0.3	8.34	1032.1	0			
02/17/2024	19:28:57	3100	0.0	8.34	1032.1	0	Pressure up to 3200psi for casing test.		
02/17/2024	19:28:58	3109	0.0	8.34	1032.1	0	Hold for 15 minutes.		
02/17/2024	19:30:04	3167	0.0	8.34	1032.1	0			
02/17/2024	19:31:34	3200	0.0	8.34	1032.1	0			
02/17/2024	19:33:04	3210	0.0	8.34	1032.1	0			
02/17/2024	19:34:34	3238	0.0	8.34	1032.1	0			
02/17/2024	19:36:04	3259	0.0	8.34	1032.1	0			
02/17/2024	19:37:34	3284	0.0	8.34	1032.1	0			
02/17/2024	19:39:04	3306	0.0	8.35	1032.1	0			
02/17/2024	19:40:34	3328	0.0	8.34	1032.2	0			
02/17/2024	19:42:04	3350	0.0	8.35	1032.2	0			
02/17/2024	19:43:34	3371	0.0	8.35	1032.2	0			
02/17/2024	19:44:31	3359	0.0	8.35	1032.2	0	Bleed off pressure.		
02/17/2024	19:44:32	3349	0.0	8.35	1032.2	0	Floats held.		
02/17/2024	19:45:04	1243	0.0	8.35	1032.2	0			
02/17/2024	19:46:02	-9	0.0	8.35	1032.2	0	End Job		
02/17/2024	19:46:34	-11	0.0	8.35	1032.2	0			
02/17/2024	19:48:04	-11	0.0	8.35	1032.2	0			
02/17/2024	19:49:34	-12	0.0	8.35	1032.2	0			
02/17/2024	19:51:04	-11	0.0	8.35	1032.2	0			
02/17/2024	19:52:34	-12	0.0	8.35	1032.2	0			
02/17/2024	19:54:04	-13	0.0	8.35	1032.2	0			
02/17/2024	19:55:34	-13	0.0	8.35	1032.2	0			
02/17/2024	19:57:04	6	0.0	8.35	1032.2	0			
02/17/2024	19:58:34	-14	0.0	8.35	1032.2	0			
02/17/2024	20:01:34	-15	0.0	8.35	1032.2	0			
02/17/2024	20:03:04	-14	0.0	8.34	1032.2	0			
02/17/2024	20:04:34	-14	0.0	8.34	1032.2	0			
02/17/2024	20:06:04	15	0.0	0.13	1032.2	0			
02/17/2024	20:07:34	16	0.3	0.09	1032.2	0			

Well	Field	Job Start	Customer	Job Number
LABRISA 35-4HZ 35-4HZ		Feb/17/2024	OXY	EOIC-02635

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl				
Slurry 5.6	N2		Mud	Maximum Rate 9.2	Total Slurry 501.0	Mud 0.0		Spacer 80.0	N2
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum 5994	Final 16	Average 1106	Bump Plug to 3048	Breakdown	Type		Volume bbl		Density lb/gal
Avg. N2 Percent %		Designed Slurry Volume 501.0 bbl	Displacement 405.0 bbl	Mix Water Temp 85 degF	Cement Circulated to Surface? <input type="checkbox"/>			Volume bbl	
					Washed Thru Perfs <input type="checkbox"/>			To ft	
Customer or Authorized Representative			Schlumberger Supervisor JEFFREY PATTERSON			Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>	
						-		-	