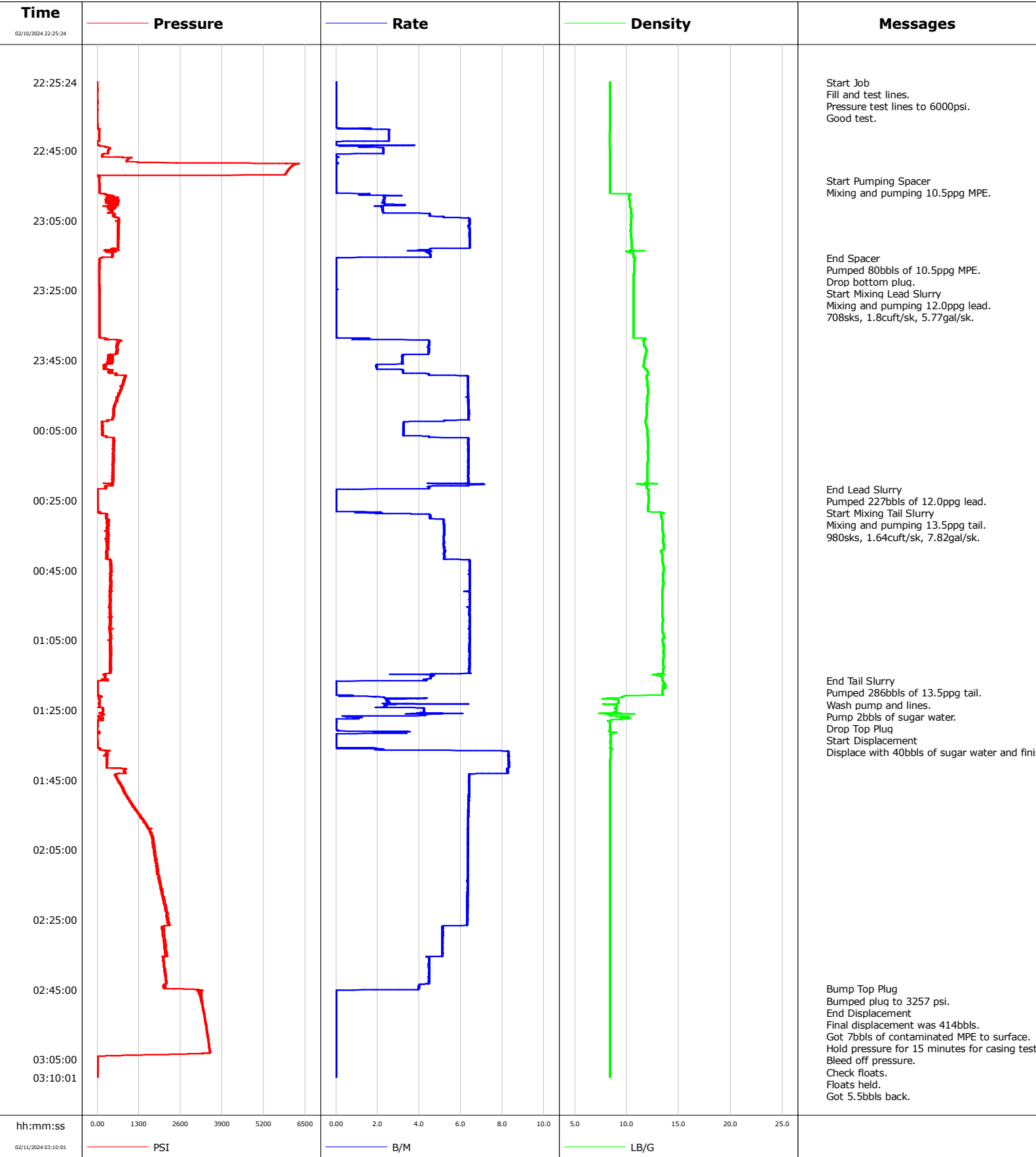


Well	LABRISA 35-3HZ	Client	OXY
Field		SIR No.	EOIC-02602
Engineer	JEFFREY PATTERSON	Job Type	PRODUCTION
Country	United States	Job Date	02-10-2024



Schlumberger

Cementing Service Report

					Customer OXY			Job Number EOIC-02602	
Well LABRISA 35-3HZ 35-3HZ			Location (legal)			Schlumberger Location WINDSOR		Job Start Feb/10/2024	
Field		Formation Name/Type		Deviation 90 deg	Bit Size 7.9 in	Well MD 17885.0 ft		Well TVD 7074.0 ft	
County WELD		State/Province Colorado		BHP psi	BHST 230 degF	BHCT 230 degF	Pore Press. Gradient lb/gal		
Well Master 0067010226		API/UWI 05-123-52238							
Rig Name PRECISION 562	Drilled For Oil and Gas	Service Via Land	Casing/Liner						
			Depth, ft	Size, in	Weight, lb/ft	Grade	Thread		
Offshore Zone	Well Class New	Well Type Development	17871.0	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						
			Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval ft		
Service Instructions 80BBLS OF 10.5PPG MPE. 708SKS, 1.8CUFT/SK, 5.77GAL/SK= 227BBLS OF 12.0PPG LEAD. 980SKS, 1.64CUFT/SK, 7.82GAL/SK= 286BBLS OF 13.5PPG TAIL.			ft	ft					
			ft	ft					
			ft	ft					
			Treat Down Casing	Displacement 414.0 bbl	Packer Type	Packer Depth ft			
			Tubing Vol. bbl	Casing Vol. 414.9 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 2100 psi			Shoe Type Float			Squeeze Type			
Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Shoe Depth 17871.0 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/10/2024 17:30	Arrived on Location Feb/10/2024 17:30	Leave Location Feb/11/2024 04:00	Collar Type Float			Tail Pipe Depth ft			
			Collar Depth 17826.0 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		
02/10/2024	22:25:24	-3	0.0	8.39	0.0	0	Started Acquisition		
02/10/2024	22:25:27	-2	0.0	8.39	0.0	0	Start Job		
02/10/2024	22:25:29	-3	0.0	8.39	0.0	0	Fill and test lines.		
02/10/2024	22:25:30	-3	0.0	8.39	0.0	0	Good test.		
02/10/2024	22:26:54	-1	0.0	8.39	0.0	0			
02/10/2024	22:28:24	-3	0.0	8.39	0.0	0			
02/10/2024	22:29:54	-1	0.0	8.39	0.0	0			
02/10/2024	22:31:24	-1	0.0	8.39	0.0	0			
02/10/2024	22:32:54	-2	0.0	8.39	0.0	0			
02/10/2024	22:34:24	-2	0.0	8.39	0.0	0			
02/10/2024	22:35:54	-2	0.0	8.39	0.0	0			
02/10/2024	22:37:24	-1	0.0	8.39	0.0	0			
02/10/2024	22:38:54	62	1.5	8.39	0.2	0			
02/10/2024	22:40:24	55	2.5	8.38	4.0	0			
02/10/2024	22:41:54	54	2.5	8.38	7.8	0			
02/10/2024	22:43:24	-1	0.0	8.38	0.0	0			
02/10/2024	22:44:54	344	2.3	8.39	2.9	0			
02/10/2024	22:46:24	149	0.0	8.39	5.3	0			
02/10/2024	22:47:54	922	0.0	8.39	5.3	0			
02/10/2024	22:49:24	6089	0.0	8.39	5.3	0			
02/10/2024	22:50:54	5938	0.0	8.39	5.3	0			

Well			Field		Job Start		Customer	Job Number
LABRISA 35-3HZ 35-3HZ					Feb/10/2024		OXY	EOIC-02602
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Backside NULL	Message	
02/10/2024	22:53:39	57	0.0	8.38	0.0	0	Start Pumping Spacer	
02/10/2024	22:53:42	58	0.0	8.38	0.0	0	Mixing and pumping 10.5ppg MPE.	
02/10/2024	22:55:24	64	0.0	8.39	0.0	0		
02/10/2024	22:56:54	70	0.0	8.38	0.0	0		
02/10/2024	22:58:24	543	2.3	10.23	2.1	0		
02/10/2024	22:59:54	351	2.2	10.31	5.6	0		
02/10/2024	23:01:24	369	2.2	10.36	9.3	0		
02/10/2024	23:02:54	320	2.5	10.42	12.7	0		
02/10/2024	23:04:24	687	6.4	10.42	19.8	0		
02/10/2024	23:05:54	671	6.4	10.39	29.4	0		
02/10/2024	23:07:24	658	6.4	10.40	39.0	0		
02/10/2024	23:08:54	649	6.4	10.42	48.7	0		
02/10/2024	23:10:24	642	6.4	10.44	58.3	0		
02/10/2024	23:11:54	631	6.4	10.45	67.9	0		
02/10/2024	23:13:24	418	4.5	10.41	76.7	0		
02/10/2024	23:14:54	466	4.5	10.63	83.4	0		
02/10/2024	23:15:39	148	0.5	10.76	86.5	0	End Spacer	
02/10/2024	23:15:40	143	0.3	10.77	86.5	0	Pumped 80bbls of 10.5ppg MPE.	
02/10/2024	23:15:44	115	0.0	10.78	0.0	0	Drop bottom plug.	
02/10/2024	23:15:46	98	0.0	10.78	0.0	0	Start Mixing Lead Slurry	
02/10/2024	23:15:47	95	0.0	10.78	0.0	0	Mixing and pumping 12.0ppg lead.	
02/10/2024	23:16:24	65	0.0	10.76	0.0	0		
02/10/2024	23:17:54	60	0.0	10.75	0.0	0		
02/10/2024	23:19:24	59	0.0	10.74	0.0	0		
02/10/2024	23:20:54	61	0.0	10.63	0.0	0		
02/10/2024	23:22:24	62	0.0	10.63	0.0	0		
02/10/2024	23:23:54	62	0.0	10.63	0.0	0		
02/10/2024	23:25:24	66	0.0	10.63	0.0	0		
02/10/2024	23:26:54	68	0.0	10.63	0.0	0		
02/10/2024	23:28:24	68	0.0	10.63	0.0	0		
02/10/2024	23:29:54	67	0.0	10.63	0.0	0		
02/10/2024	23:31:24	68	0.0	10.63	0.0	0		
02/10/2024	23:32:54	69	0.0	10.63	0.0	0		
02/10/2024	23:34:24	70	0.0	10.64	0.0	0		
02/10/2024	23:35:54	72	0.0	10.64	0.0	0		
02/10/2024	23:37:24	72	0.0	10.64	0.0	0		
02/10/2024	23:38:54	316	1.5	11.80	0.4	0		
02/10/2024	23:40:24	653	4.5	11.65	6.3	0		
02/10/2024	23:41:54	639	4.5	11.90	12.9	0		
02/10/2024	23:43:24	471	3.3	11.82	19.5	0		
02/10/2024	23:44:54	484	3.2	11.71	24.3	0		
02/10/2024	23:46:24	215	1.9	11.62	28.8	0		
02/10/2024	23:47:54	470	3.2	11.98	32.1	0		
02/10/2024	23:49:24	847	6.1	11.95	37.8	0		
02/10/2024	23:50:54	851	6.3	11.96	47.3	0		
02/10/2024	23:52:24	786	6.3	12.00	56.8	0		
02/10/2024	23:53:54	738	6.3	12.02	66.3	0		
02/10/2024	23:55:24	634	6.4	12.00	75.8	0		
02/10/2024	23:56:54	585	6.4	11.96	85.4	0		
02/10/2024	23:58:24	519	6.4	11.94	94.9	0		
02/10/2024	23:59:54	528	6.4	11.94	104.5	0		
02/11/2024	00:01:24	504	6.4	11.88	114.0	0		
02/11/2024	00:02:54	146	3.3	11.84	122.0	0		
02/11/2024	00:04:24	142	3.2	11.95	126.8	0		

Well LABRISA 35-3HZ 35-3HZ			Field		Job Start Feb/10/2024	Customer OXY		Job Number EOIC-02602
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Backside NULL	Message	
02/11/2024	00:07:24	532	6.4	12.04	138.0	0		
02/11/2024	00:08:54	530	6.4	12.05	147.5	0		
02/11/2024	00:10:24	487	6.4	12.03	157.1	0		
02/11/2024	00:11:54	502	6.4	12.02	166.6	0		
02/11/2024	00:13:24	506	6.4	12.03	176.2	0		
02/11/2024	00:14:54	512	6.4	11.98	185.7	0		
02/11/2024	00:16:24	514	6.4	11.99	195.2	0		
02/11/2024	00:17:54	470	6.4	11.97	204.8	0		
02/11/2024	00:19:24	488	6.4	11.98	214.3	0		
02/11/2024	00:20:54	269	6.0	11.97	223.9	0		
02/11/2024	00:21:55	3	0.2	12.10	0.0	0	End Lead Slurry	
02/11/2024	00:21:56	3	0.1	12.10	0.0	0	Pumped 227bbls of 12.0ppg lead.	
02/11/2024	00:21:59	5	0.0	12.11	0.0	0	Start Mixing Tail Slurry	
02/11/2024	00:22:01	4	0.0	12.10	0.0	0	Mixing and pumping 13.5ppg tail.	
02/11/2024	00:22:24	4	0.0	12.10	0.1	0		
02/11/2024	00:23:54	2	0.0	12.10	0.1	0		
02/11/2024	00:25:24	2	0.0	12.11	0.1	0		
02/11/2024	00:26:54	1	0.0	12.04	0.1	0		
02/11/2024	00:28:24	83	1.9	13.07	0.1	0		
02/11/2024	00:29:54	286	4.5	13.34	5.5	0		
02/11/2024	00:31:24	334	5.2	13.43	12.9	0		
02/11/2024	00:32:54	329	5.2	13.41	20.7	0		
02/11/2024	00:34:24	352	5.2	13.50	28.5	0		
02/11/2024	00:35:54	348	5.2	13.51	36.2	0		
02/11/2024	00:37:24	335	5.2	13.52	44.1	0		
02/11/2024	00:38:54	306	5.2	13.56	51.9	0		
02/11/2024	00:40:24	312	5.2	13.40	59.7	0		
02/11/2024	00:41:54	307	5.2	13.42	67.5	0		
02/11/2024	00:43:24	452	6.4	13.50	77.0	0		
02/11/2024	00:44:54	463	6.4	13.56	86.7	0		
02/11/2024	00:46:24	405	6.4	13.50	96.3	0		
02/11/2024	00:47:54	407	6.4	13.50	105.9	0		
02/11/2024	00:49:24	408	6.4	13.50	115.5	0		
02/11/2024	00:50:54	426	6.4	13.45	125.2	0		
02/11/2024	00:52:24	418	6.4	13.40	134.8	0		
02/11/2024	00:53:54	400	6.4	13.43	144.4	0		
02/11/2024	00:56:54	382	6.4	13.42	163.6	0		
02/11/2024	00:58:24	422	6.4	13.43	173.2	0		
02/11/2024	00:59:54	434	6.4	13.47	182.9	0		
02/11/2024	01:01:24	413	6.4	13.41	192.5	0		
02/11/2024	01:02:54	387	6.4	13.48	202.1	0		
02/11/2024	01:04:24	403	6.4	13.58	211.7	0		
02/11/2024	01:05:54	411	6.4	13.52	221.3	0		
02/11/2024	01:07:24	428	6.4	13.54	231.0	0		
02/11/2024	01:08:54	412	6.4	13.53	240.6	0		
02/11/2024	01:10:24	413	6.4	13.52	250.2	0		
02/11/2024	01:11:54	408	6.4	13.51	259.8	0		
02/11/2024	01:13:24	417	6.4	13.52	269.4	0		
02/11/2024	01:14:54	210	4.6	12.55	278.4	0		
02/11/2024	01:16:24	194	4.3	13.41	285.2	0		
02/11/2024	01:16:38	130	4.3	13.41	286.2	0	End Tail Slurry	
02/11/2024	01:16:39	132	3.9	13.41	286.3	0	Pumped 286bbls of 13.5ppg tail.	
02/11/2024	01:16:40	74	3.2	13.42	286.3	0	Pump 2bbls of sugar water.	
02/11/2024	01:16:45	15	0.5	13.51	286.5	0	Drop Top Plug	

Well			Field		Job Start	Customer	Job Number
LABRISA 35-3HZ 35-3HZ					Feb/10/2024	OXY	EOIC-02602
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Backside NULL	Message
02/11/2024	01:16:47	13	0.1	13.51	286.5	0	Displace with 40bbls of sugar water and finish with treated
02/11/2024	01:17:54	4	0.0	13.54	286.5	0	
02/11/2024	01:19:24	11	0.0	13.44	286.5	0	
02/11/2024	01:20:54	59	0.8	10.18	0.1	0	
02/11/2024	01:22:24	64	2.4	9.22	3.6	0	
02/11/2024	01:23:54	66	2.3	9.04	7.7	0	
02/11/2024	01:25:24	176	4.2	8.95	13.1	0	
02/11/2024	01:26:54	26	0.5	10.20	18.9	0	
02/11/2024	01:28:24	5	0.0	8.40	0.0	0	
02/11/2024	01:29:54	-3	0.0	8.39	0.0	0	
02/11/2024	01:31:24	38	2.0	8.79	1.0	0	
02/11/2024	01:32:54	-5	0.0	8.43	0.0	0	
02/11/2024	01:34:24	6	0.0	8.43	0.0	0	
02/11/2024	01:35:54	76	1.7	8.43	0.1	0	
02/11/2024	01:37:24	303	8.3	8.44	8.0	0	
02/11/2024	01:38:54	294	8.3	8.43	20.5	0	
02/11/2024	01:40:24	292	8.3	8.40	32.9	0	
02/11/2024	01:41:54	915	8.2	8.40	45.4	0	
02/11/2024	01:43:24	576	6.4	8.39	57.4	0	
02/11/2024	01:44:54	658	6.4	8.40	67.0	0	
02/11/2024	01:47:54	796	6.4	8.39	86.2	0	
02/11/2024	01:49:24	899	6.4	8.39	95.7	0	
02/11/2024	01:50:54	1000	6.4	8.39	105.3	0	
02/11/2024	01:52:24	1135	6.4	8.39	114.9	0	
02/11/2024	01:53:54	1211	6.4	8.39	124.4	0	
02/11/2024	01:55:24	1340	6.4	8.39	134.0	0	
02/11/2024	01:56:54	1449	6.4	8.39	143.5	0	
02/11/2024	01:58:24	1554	6.3	8.39	153.0	0	
02/11/2024	01:59:54	1683	6.3	8.39	162.5	0	
02/11/2024	02:01:24	1730	6.3	8.39	172.0	0	
02/11/2024	02:02:54	1749	6.3	8.39	181.5	0	
02/11/2024	02:04:24	1764	6.3	8.39	191.0	0	
02/11/2024	02:05:54	1814	6.3	8.39	200.5	0	
02/11/2024	02:07:24	1852	6.3	8.39	210.0	0	
02/11/2024	02:08:54	1849	6.3	8.39	219.5	0	
02/11/2024	02:10:24	1856	6.3	8.39	229.0	0	
02/11/2024	02:11:54	1879	6.3	8.39	238.5	0	
02/11/2024	02:13:24	1941	6.3	8.39	248.0	0	
02/11/2024	02:14:54	1988	6.3	8.39	257.5	0	
02/11/2024	02:16:24	2013	6.3	8.39	266.9	0	
02/11/2024	02:17:54	2027	6.3	8.39	276.4	0	
02/11/2024	02:19:24	2072	6.3	8.39	285.9	0	
02/11/2024	02:20:54	2132	6.3	8.39	295.4	0	
02/11/2024	02:22:24	2178	6.3	8.39	304.8	0	
02/11/2024	02:23:54	2182	6.3	8.39	314.3	0	
02/11/2024	02:25:24	2202	6.3	8.39	323.7	0	
02/11/2024	02:26:54	2041	5.1	8.39	332.9	0	
02/11/2024	02:28:24	2071	5.1	8.39	340.6	0	
02/11/2024	02:29:54	2078	5.1	8.39	348.3	0	
02/11/2024	02:31:24	2099	5.1	8.39	356.0	0	
02/11/2024	02:32:54	2082	5.1	8.39	363.6	0	
02/11/2024	02:34:24	2138	5.1	8.39	371.3	0	
02/11/2024	02:35:54	2062	4.5	8.39	378.7	0	
02/11/2024	02:37:24	2082	4.5	8.39	385.4	0	

Well			Field		Job Start		Customer		Job Number
LABRISA 35-3HZ 35-3HZ					Feb/10/2024		OXY		EOIC-02602
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Backside NULL	Message		
02/11/2024	02:40:24	2113	4.5	8.39	398.8	0			
02/11/2024	02:41:54	2137	4.5	8.39	405.5	0			
02/11/2024	02:43:24	2106	4.2	8.39	412.2	0			
02/11/2024	02:44:45	2428	4.0	8.39	417.6	0	Bump Top Plug		
02/11/2024	02:44:47	2706	4.0	8.39	417.7	0	Bumped plug to 3257 psi.		
02/11/2024	02:44:54	3002	4.0	8.39	418.1	0			
02/11/2024	02:45:00	3163	3.9	8.39	418.5	0	End Displacement		
02/11/2024	02:45:02	3113	3.0	8.39	418.7	0	Final displacement was 414bbbls.		
02/11/2024	02:45:03	3175	1.9	8.39	418.7	0	Hold pressure for 15 minutes for casing test.		
02/11/2024	02:46:24	3196	0.0	8.40	418.8	0			
02/11/2024	02:47:54	3243	0.0	8.39	418.8	0			
02/11/2024	02:49:24	3281	0.0	8.40	418.8	0			
02/11/2024	02:50:54	3315	0.0	8.40	418.8	0			
02/11/2024	02:52:24	3343	0.0	8.40	418.8	0			
02/11/2024	02:53:54	3367	0.0	8.40	418.8	0			
02/11/2024	02:55:24	3396	0.0	8.40	418.8	0			
02/11/2024	02:56:54	3422	0.0	8.40	418.8	0			
02/11/2024	02:58:24	3446	0.0	8.40	418.8	0			
02/11/2024	02:59:54	3471	0.0	8.40	418.8	0			
02/11/2024	03:01:24	3494	0.0	8.40	418.8	0			
02/11/2024	03:02:53	3516	0.0	8.40	418.8	0	Bleed off pressure.		
02/11/2024	03:02:54	3516	0.0	8.40	418.8	0	Got 5.5bbbls back.		
02/11/2024	03:04:24	3	0.0	8.40	418.8	0			
02/11/2024	03:04:39	1	0.0	8.40	418.8	0	End Job		
02/11/2024	03:04:44	0	0.0	8.40	418.8	0	Remark		
02/11/2024	03:04:45	0	0.0	8.40	418.8	0	Remark		
02/11/2024	03:04:46	-1	0.0	8.40	418.8	0	Remark		
02/11/2024	03:04:47	-0	0.0	8.40	418.8	0	Remark		
02/11/2024	03:04:48	-2	0.0	8.40	418.8	0	Remark		
02/11/2024	03:05:54	3	0.0	8.40	418.8	0			
02/11/2024	03:07:24	2	0.0	8.40	418.8	0			

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2
5.4			8.3		513.0	0.0	80.0	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume		Density
6330	-1	937	3257			bbl		lb/gal
Avg. N2 Percent		Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?		Volume
%		513.0 bbl		414.0 bbl	70 degF	<input type="checkbox"/>		bbl
						Washed Thru Perfs		To
						<input type="checkbox"/>		ft
Customer or Authorized Representative			Schlumberger Supervisor			Circulation Lost		Job Completed
			JEFFREY PATTERSON			<input type="checkbox"/>		<input checked="" type="checkbox"/>
						-		-