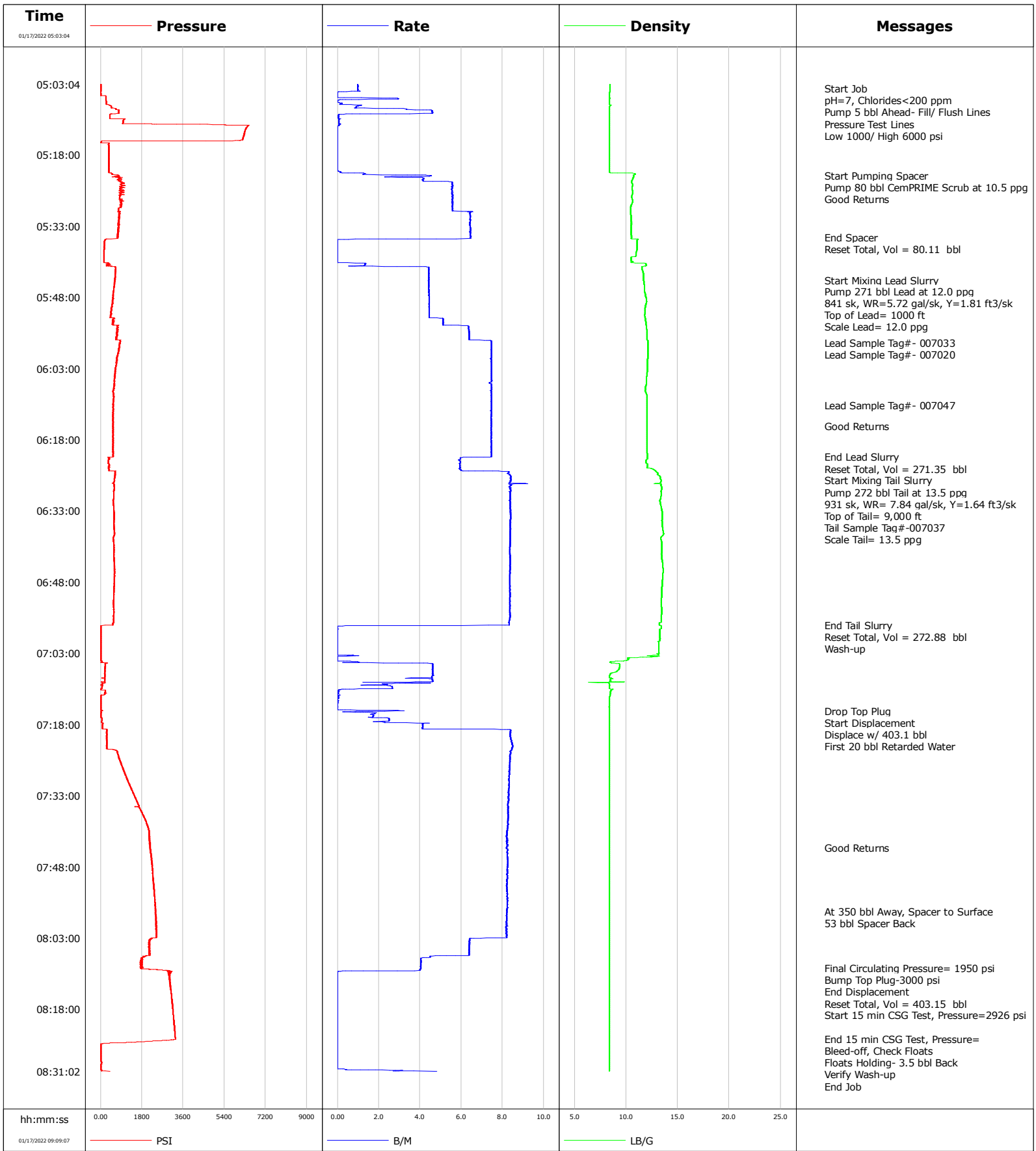


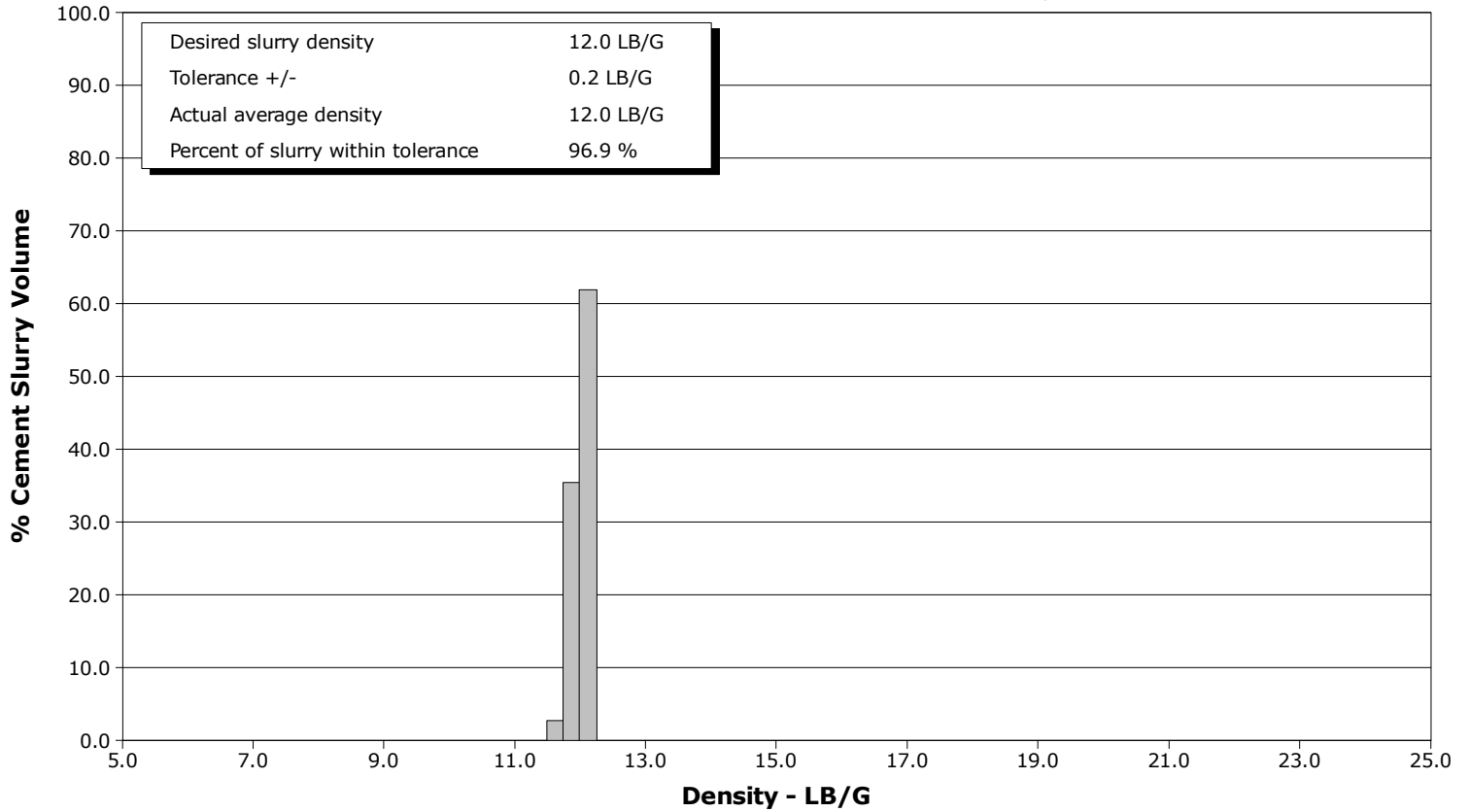
<b>Well</b>	SBJ 13-13HZ	<b>Client</b>	OXY
<b>Field</b>	Wattenberg	<b>SIR No.</b>	EAJ7-02839
<b>Engineer</b>	Thomas Bailey	<b>Job Type</b>	5.5" Production
<b>Country</b>	United States	<b>Job Date</b>	01-16-2022



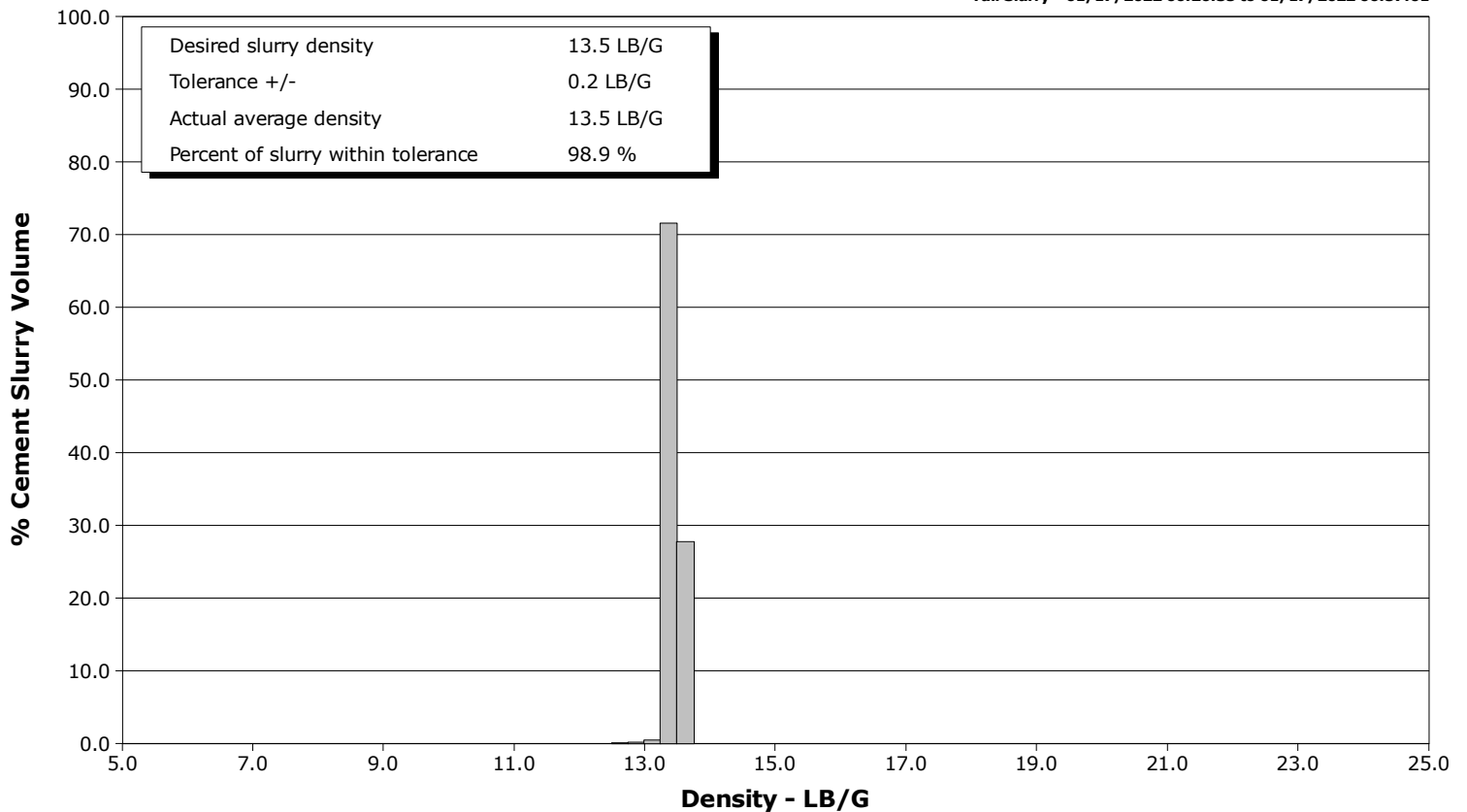
**Well** SBJ 13-13HZ  
**Field** Wattenberg  
**Engineer** Thomas Bailey  
**Country** United States

**Client** OXY  
**SIR No.** EAJ7-02839  
**Job Type** 5.5" Production  
**Job Date** 01-16-2022

**Lead Slurry - 01/17/2022 05:44:18 to 01/17/2022 06:21:32**



**Tail Slurry - 01/17/2022 06:26:35 to 01/17/2022 06:57:01**



				Customer			Job Number			
				OXY			EAJ7-02839			
Well		Location (legal)			Schlumberger Location			Job Start		
SBJ 13-13HZ 13-13HZ		Precision 461						Jan/16/2022		
Field		Formation Name/Type			Deviation	Bit Size	Well MD		Well TVD	
Wattenberg					deg	in	17389.0 ft		7018.0 ft	
County		State/Province			BHP	BHST	BHCT	Pore Press. Gradient		
Weld		Colorado			psi	231 degF	230 degF	lb/gal		
Well Master		API/UWI								
0066441946		05-123-51595-00-00								
Rig Name	Drilled For		Service Via		Casing/Liner					
P461	Oil & Gas		Land		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class		Well Type		1900.0	9.6	36.0			
N/a	New		Development		17389.0	5.5	17.0			
Drilling Fluid Type		Max. Density	Plastic Viscosity		Tubing/Drill Pipe					
Oil Mud		9.60 lb/gal	cP		T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line		Job Type								
Cementing		5.5" Production								
Max. Allowed Tub. Press	Max. Allowed Ann. Press		WH Connection		Perforations/Open Hole					
psi	psi		Double Cement head		Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval	
<b>Service Instructions</b> Cement 5.5" CSG to 17,389 ft Pump 80 bbl CemPRIME Scrub at 10.5 ppg 271 bbl Lead at 12.0 ppg (841 sk, WR=5.72 gal/sk, Y=1.81 ft3/sk) 272 bbl Tail at 13.5 ppg (931 sk, WR=7.84 gal/sk, Y=1.64 ft3/sk) Displace w/ 403.1 bbls 53 bbl Spacer Back					ft	ft			ft	
					ft	ft			Diameter	
					ft	ft			in	
					Treat Down		Displacement		Packer Type	
Casing		403.1 bbl				ft				
Tubing Vol.		Casing Vol.		Annular Vol.		Openhole Vol.				
bbl		404.2 bbl		568.9 bbl		477.9 bbl				
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement			Casing Tools			Squeeze Job		
<input type="checkbox"/>		<input type="checkbox"/>								
Lift Pressure		Shoe Type			Shoe Depth		Squeeze Type			
1950 psi		Float			17389.0 ft					
Pipe Rotated		Pipe Reciprocated			Stage Tool Type			Tool Depth		
<input type="checkbox"/>		<input type="checkbox"/>						ft		
No. Centralizers		Top Plugs	Bottom Plugs		Stage Tool Depth			Tail Pipe Size		
		1	1		ft			in		
Cement Head Type		Job Scheduled For			Arrived on Location		Leave Location		Collar Type	Tail Pipe Depth
Double		Jan/16/2022 23:30		Jan/16/2022 23:00		Jan/17/2022		Float		ft
		Collar Depth			Sqz. Total Vol.					
		17343.0 ft			bbl					
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume NULL	Message				
01/17/2022	05:03:04	4	1.0	8.41	0	Started Acquisition				
01/17/2022	05:04:00	5	1.0	8.41	0	Start Job				
01/17/2022	05:06:16	229	2.4	8.39	0	Pump 5 bbl Ahead- Fill/ Flush Lines				
01/17/2022	05:06:24	232	0.1	8.37	0					
01/17/2022	05:09:44	407	0.0	8.37	0					
01/17/2022	05:10:29	1034	0.1	8.37	0	Pressure Test Lines				
01/17/2022	05:10:40	992	0.1	8.37	0	Low 1000/ High 6000 psi				
01/17/2022	05:13:04	6287	0.0	8.37	0					
01/17/2022	05:16:24	353	0.0	8.37	0					
01/17/2022	05:19:44	364	0.0	8.37	0					
01/17/2022	05:22:22	785	4.5	10.71	0	Start Pumping Spacer				
01/17/2022	05:22:32	583	3.6	10.71	0	Pump 80 bbl CemPRIME Scrub at 10.5 ppg				
01/17/2022	05:23:04	923	4.2	10.64	0					
01/17/2022	05:25:00	903	5.6	10.58	14	Good Returns				
01/17/2022	05:26:24	832	5.6	10.58	15					
01/17/2022	05:29:44	759	5.6	10.42	9					
01/17/2022	05:33:04	800	6.4	10.50	17					
01/17/2022	05:35:20	717	6.4	10.50	57	End Spacer				
01/17/2022	05:35:22	754	6.4	10.50	59	Reset Total, Vol = 80.11 bbl				
01/17/2022	05:36:24	159	0.0	11.07	0					
01/17/2022	05:39:44	143	0.0	10.50	0					

Well			Field		Job Start	Customer	Job Number
SBJ 13-13HZ 13-13HZ			Wattenberg		Jan/16/2022	OXY	EAJ7-02839
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume NULL	Message	
01/17/2022	05:44:18	634	4.4	11.69	27	Start Mixing Lead Slurry	
01/17/2022	05:46:24	571	4.4	11.78	34		
01/17/2022	05:46:45	561	4.4	11.78	35	Pump 271 bbl Lead at 12.0 ppg	
01/17/2022	05:46:46	562	4.4	11.79	35	841 sk, WR=5.72 gal/sk, Y=1.81 ft3/sk	
01/17/2022	05:46:47	571	4.4	11.79	35	Top of Lead= 1000 ft	
01/17/2022	05:49:44	483	4.4	11.88	36		
01/17/2022	05:52:31	607	5.1	11.85	30	Scale Lead= 12.0 ppg	
01/17/2022	05:56:24	664	6.4	12.02	46		
01/17/2022	05:57:38	857	7.5	12.11	47	Lead Sample Tag#- 007033	
01/17/2022	05:57:54	810	7.5	12.11	47	Lead Sample Tag#- 007020	
01/17/2022	05:59:44	771	7.5	12.09	48		
01/17/2022	06:03:04	644	7.5	12.05	48		
01/17/2022	06:06:24	613	7.5	11.94	46		
01/17/2022	06:09:44	548	7.5	12.02	40		
01/17/2022	06:10:43	537	7.4	12.01	40	Lead Sample Tag#- 007047	
01/17/2022	06:13:04	536	7.4	12.03	41		
01/17/2022	06:15:07	535	7.4	12.02	41	Good Returns	
01/17/2022	06:16:24	540	7.4	12.01	41		
01/17/2022	06:19:44	553	7.4	12.00	41		
01/17/2022	06:21:32	542	7.4	12.06	42	End Lead Slurry	
01/17/2022	06:21:37	555	7.5	12.06	43	Reset Total, Vol = 271.35 bbl	
01/17/2022	06:23:04	355	5.9	12.04	63		
01/17/2022	06:26:24	602	8.4	13.36	37		
01/17/2022	06:26:35	605	8.4	13.39	37	Start Mixing Tail Slurry	
01/17/2022	06:27:57	583	8.3	13.45	36	Pump 272 bbl Tail at 13.5 ppg	
01/17/2022	06:28:08	587	8.4	13.45	35	931 sk, WR= 7.84 gal/sk, Y=1.64 ft3/sk	
01/17/2022	06:28:34	586	8.4	13.42	34	Top of Tail= 9,000 ft	
01/17/2022	06:29:34	576	8.4	13.40	34	Tail Sample Tag #-007037	
01/17/2022	06:29:44	583	8.4	13.38	34		
01/17/2022	06:33:04	582	8.4	13.47	35		
01/17/2022	06:36:24	582	8.4	13.52	35		
01/17/2022	06:38:05	602	8.4	13.59	36	Scale Tail= 13.5 ppg	
01/17/2022	06:39:44	581	8.4	13.46	37		
01/17/2022	06:43:04	575	8.4	13.45	36		
01/17/2022	06:46:24	601	8.3	13.56	38		
01/17/2022	06:49:44	583	8.3	13.45	37		
01/17/2022	06:53:04	582	8.4	13.41	37		
01/17/2022	06:56:24	563	8.3	13.40	38		
01/17/2022	06:57:01	546	8.3	13.23	77	End Tail Slurry	
01/17/2022	06:57:05	522	8.1	13.23	80	Reset Total, Vol = 272.88 bbl	
01/17/2022	06:59:00	7	0.0	13.26	0	Wash-up	
01/17/2022	06:59:44	8	0.0	13.26	0		
01/17/2022	07:03:04	12	0.0	12.98	0		
01/17/2022	07:06:24	185	4.6	9.29	59		
01/17/2022	07:09:44	68	2.1	8.40	79		
01/17/2022	07:13:04	6	0.0	8.38	0		
01/17/2022	07:15:08	67	3.2	8.36	0	Drop Top Plug	
01/17/2022	07:16:00	11	1.7	8.39	0	Displace w/ 403.1 bbl	
01/17/2022	07:16:24	11	1.7	8.38	0		
01/17/2022	07:16:34	32	2.1	8.38	0	First 20 bbl Retarded Water	
01/17/2022	07:19:44	259	8.4	8.39	0		
01/17/2022	07:23:04	273	8.4	8.37	0		
01/17/2022	07:26:24	920	8.3	8.37	0		
01/17/2022	07:29:44	1166	8.3	8.37	0		

Well			Field		Job Start	Customer	Job Number
SBJ 13-13HZ 13-13HZ			Wattenberg		Jan/16/2022	OXY	EAJ7-02839
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume NULL	Message	
01/17/2022	07:36:24	1786	8.3	8.37	0		
01/17/2022	07:39:44	2074	8.2	8.36	0		
01/17/2022	07:43:04	2157	8.2	8.36	0		
01/17/2022	07:44:01	2167	8.2	8.36	0	Good Returns	
01/17/2022	07:46:24	2221	8.2	8.37	0		
01/17/2022	07:49:44	2276	8.2	8.36	0		
01/17/2022	07:53:04	2337	8.2	8.36	0		
01/17/2022	07:56:24	2390	8.2	8.37	0		
01/17/2022	07:57:23	2399	8.2	8.37	0	At 350 bbl Away, Spacer to Surface	
01/17/2022	07:58:09	2391	8.2	8.36	0	53 bbl Spacer Back	
01/17/2022	07:59:44	2439	8.2	8.37	0		
01/17/2022	08:03:04	2262	6.5	8.37	0		
01/17/2022	08:06:24	2162	6.4	8.37	0		
01/17/2022	08:09:18	1774	4.0	8.37	0	Final Circulating Pressure= 1950 psi	
01/17/2022	08:09:44	2574	4.0	8.37	0		
01/17/2022	08:09:51	2988	4.0	8.37	0	Bump Top Plug-3000 psi	
01/17/2022	08:10:00	2917	0.1	8.37	0	End Displacement	
01/17/2022	08:10:01	2926	0.1	8.37	0	Reset Total, Vol = 403.15 bbl	
01/17/2022	08:13:04	3031	0.0	8.37	0		
01/17/2022	08:16:24	3111	0.0	8.37	0		
01/17/2022	08:19:44	3175	0.0	8.37	0		
01/17/2022	08:23:04	3237	0.0	8.37	0		
01/17/2022	08:24:12	3255	0.0	8.37	0	End 15 min CSG Test, Pressure=	
01/17/2022	08:25:00	1139	0.0	8.37	0	Bleed-off, Check Floats	
01/17/2022	08:26:00	3	0.0	8.37	0	Floats Holding- 3.5 bbl Back	
01/17/2022	08:26:30	3	0.0	8.37	0	Verify Wash-up	
01/17/2022	08:28:00	3	0.0	8.37	0	End Job	
01/17/2022	08:29:44	1	0.0	8.37	0		
01/17/2022	08:33:04	5	0.0	8.37	0		
01/17/2022	08:36:24	3	0.0	0.34	0		
01/17/2022	08:39:44	4	0.2	0.31	0		
01/17/2022	08:43:04	29	0.0	0.09	0		
01/17/2022	08:46:24	28	0.0	0.04	0		
01/17/2022	08:49:44	28	0.0	0.02	0		
01/17/2022	08:53:04	29	0.0	0.04	0		
01/17/2022	08:56:24	29	0.0	0.02	55		
01/17/2022	08:59:44	30	0.0	0.02	55		
01/17/2022	09:03:04	29	0.0	0.02	55		
01/17/2022	09:06:24	2	0.0	0.02	55		

<b>Well</b> SBJ 13-13HZ 13-13HZ	<b>Field</b> Wattenberg	<b>Job Start</b> Jan/16/2022	<b>Customer</b> OXY	<b>Job Number</b> EAJ7-02839
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### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
<b>Slurry</b> 6.5	<b>N2</b>	<b>Mud</b>	<b>Maximum Rate</b> 9.2	<b>Total Slurry</b> 543.0	<b>Mud</b> 0.0	<b>Spacer</b> 80.0	<b>N2</b>	
Treating Pressure Summary, psi					Breakdown Fluid			
<b>Maximum</b> 6471	<b>Final</b> 1	<b>Average</b> 917	<b>Bump Plug to</b> 3000	<b>Breakdown</b>	<b>Type</b>	<b>Volume</b> bbl	<b>Density</b> lb/gal	
<b>Avg. N2 Percent</b> %	<b>Designed Slurry Volume</b> 543.0 bbl	<b>Displacement</b> 403.1 bbl	<b>Mix Water Temp</b> 72 degF	<b>Cement Circulated to Surface?</b> <input type="checkbox"/>	<b>Volume</b> bbl			
				<b>Washed Thru Perfs</b> <input type="checkbox"/>	<b>To</b> ft			
<b>Customer or Authorized Representative</b> Sam Antrim			<b>Schlumberger Supervisor</b> Thomas Bailey		<b>Circulation Lost</b> <input type="checkbox"/>	<b>Job Completed</b> <input checked="" type="checkbox"/>		
					-	-		