

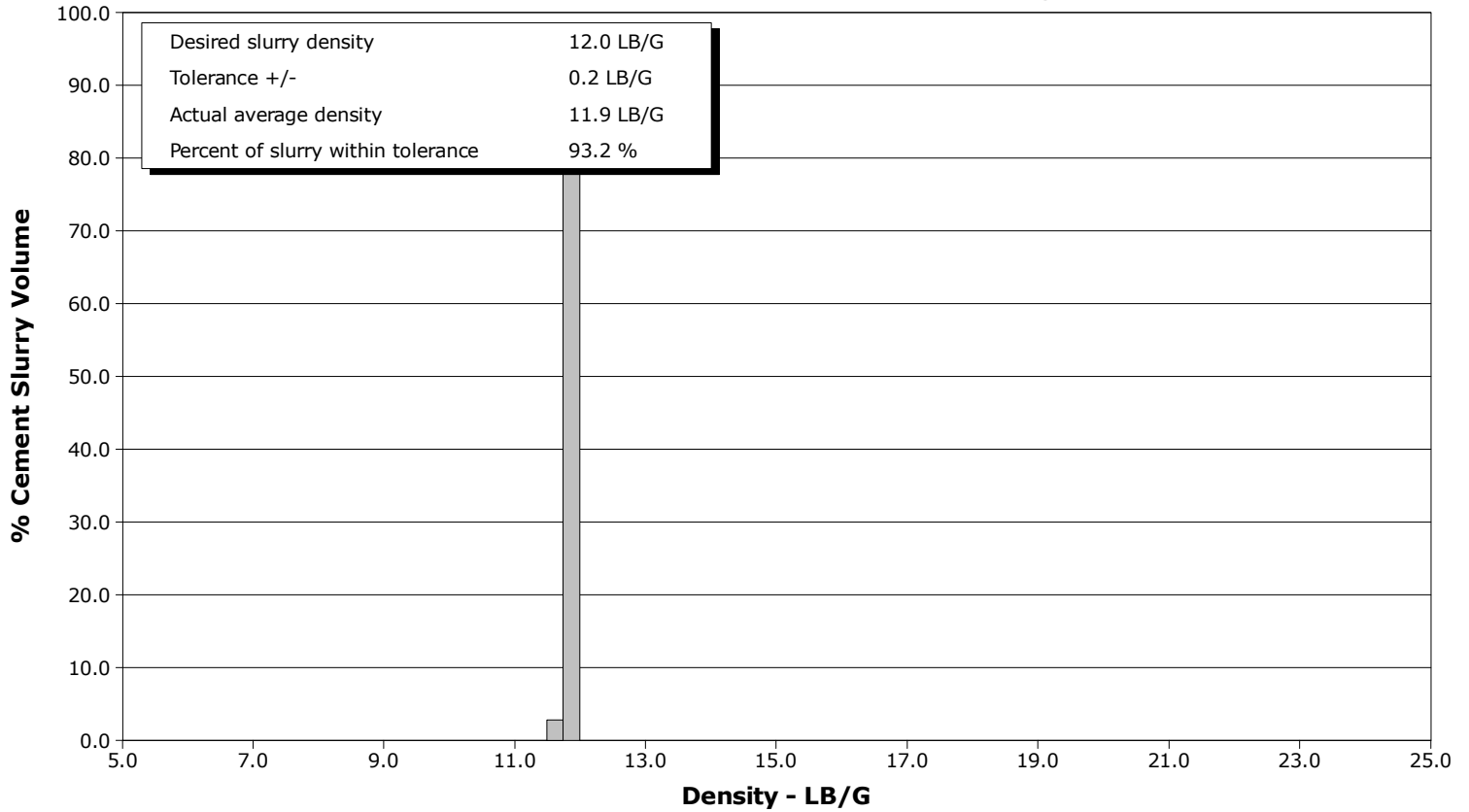
Well	SBJ 13-12HZ	Client	OXY
Field	Wattenberg	SIR No.	EAJ7-02838
Engineer	Thomas Bailey	Job Type	5.5" Production
Country	United States	Job Date	01-11-2022



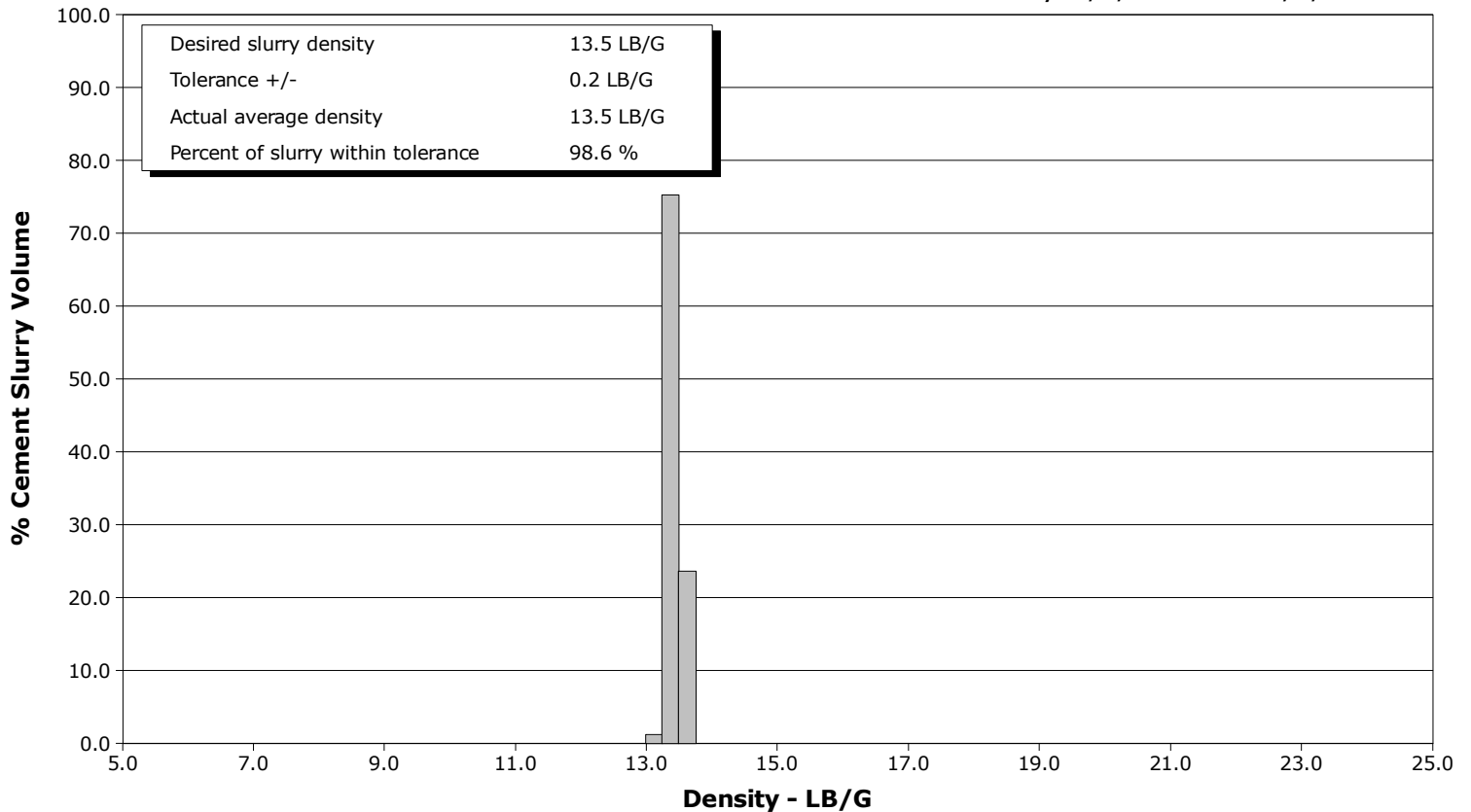
Well SBJ 13-12HZ
Field Wattenberg
Engineer Thomas Bailey
Country United States

Client OXY
SIR No. EAJ7-02838
Job Type 5.5" Production
Job Date 01-11-2022

Lead Slurry - 01/11/2022 07:34:16 to 01/11/2022 08:25:10



Tail Slurry - 01/11/2022 08:38:54 to 01/11/2022 09:43:54



				Customer			Job Number		
				OXY			EAJ7-02838		
Well		Location (legal)		Schlumberger Location			Job Start		
SBJ 13-12HZ 13-12Hz		P461					Jan/11/2022		
Field		Formation Name/Type		Deviation	Bit Size	Well MD	Well TVD		
Wattenberg				deg	in	18519.0 ft	6555.0 ft		
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient		
Weld		Colorado		psi	231 degF	231 degF	lb/gal		
Well Master		API/UWI							
0066441948		05-123-51598-00-00							
Rig Name	Drilled For	Service Via	Casing/Liner						
PD461	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	18504.0	5.5	17.0				
Drilling Fluid Type		Max. Density	Plastic Viscosity	Tubing/Drill Pipe					
		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	
				ft	ft			ft	
				ft	ft			Diameter	
				ft	ft			in	
Service Instructions		Treat Down	Displacement	Packer Type	Packer Depth				
Cement 5.5" CSG to 18,504 ft Pump 80 bbl MPE at 10.5 ppg 271 bbl Lead at 12.0 ppg (841 sk, WR=5.73 gal/sk, Y=1.81 ft3/sk) 333 bbl Tail at 13.5 ppg (1062 sk, WR=7.82 gal/sk, Y=1.64 ft3/sk) Disp. w/ 429 bbls 58 bbl Spacer back		Casing	429.0 bbl		ft				
		Tubing Vol.	Casing Vol.	Annular Vol.	Openhole Vol.				
		bbl	430.0 bbl	602.0 bbl	512.4 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			
2100 psi		Float		18504.0 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		Collar Type		Tail Pipe Depth			
Double		Jan/11/2022 03:30		Float		ft			
Arrived on Location		Leave Location		Collar Depth		Sqz. Total Vol.			
Jan/11/2022 03:00		Jan/11/2022 12:30		18460.0 ft		bbl			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume NULL	Message			
01/11/2022	06:40:44	66	0.0	8.37	0	Started Acquisition			
01/11/2022	06:42:00	97	0.0	8.37	0	Start Job			
01/11/2022	06:42:33	143	0.2	8.37	0	Pump 5 bbl- Fill/Flush Lines			
01/11/2022	06:44:04	763	2.3	8.37	0				
01/11/2022	06:46:42	1562	0.0	8.37	0	Pressure Test Lines			
01/11/2022	06:46:43	1564	0.0	8.37	0	Low 1000/ High 6000			
01/11/2022	06:47:24	2612	0.0	8.37	0				
01/11/2022	06:50:44	6160	0.0	8.37	0				
01/11/2022	06:54:04	286	0.0	8.37	0				
01/11/2022	06:57:24	342	0.0	8.37	0				
01/11/2022	07:00:44	383	0.0	8.37	0				
01/11/2022	07:04:04	409	0.0	8.37	0				
01/11/2022	07:07:05	426	0.1	8.37	100	Start Pumping Spacer			
01/11/2022	07:07:24	547	0.9	10.52	99				
01/11/2022	07:10:44	776	2.3	10.45	41				
01/11/2022	07:14:04	770	2.2	10.54	25				
01/11/2022	07:17:24	1001	4.5	10.61	9				
01/11/2022	07:20:44	1186	6.4	10.58	16				
01/11/2022	07:24:04	970	4.4	10.52	21				
01/11/2022	07:26:09	868	4.5	10.52	49	Pump 80 BBL CemPRIME SCRUB @ 10.5 ppg			
01/11/2022	07:26:36	857	4.5	10.52	66	Good Returns			

Well		Field		Job Start		Customer		Job Number	
SBJ 13-12HZ 13-12Hz		Wattenberg		Jan/11/2022		OXY		EAJ7-02838	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume NULL	Message			
01/11/2022	07:27:00	512	0.5	10.69	0	Reset Total, Vol = 80.69 bbl			
01/11/2022	07:27:24	444	0.0	10.69	0				
01/11/2022	07:30:44	314	0.0	10.66	0				
01/11/2022	07:33:18	291	0.0	10.56	100	Drop Bottom Plug			
01/11/2022	07:34:04	473	1.2	12.02	100				
01/11/2022	07:34:16	470	0.5	12.09	100	Start Mixing Lead Slurry			
01/11/2022	07:34:20	506	1.0	12.12	100	Pump 271 BBL Lead at 12.0 ppg			
01/11/2022	07:34:51	971	4.3	11.73	100	841 sks, WR=5.72 gal/sk, Y=1.81 ft3/sk			
01/11/2022	07:37:24	998	4.3	11.85	40				
01/11/2022	07:39:10	1309	6.3	11.88	48	Scale Lead Cement = 12.0 ppg			
01/11/2022	07:40:44	1259	6.3	11.90	51				
01/11/2022	07:43:01	829	4.4	11.92	47	Lead Sample Tag#-007079			
01/11/2022	07:43:03	799	4.4	11.92	47	Lead Sample Tag#-007032			
01/11/2022	07:44:04	756	4.4	11.95	45				
01/11/2022	07:47:02	1151	6.3	11.98	49	Good Returns			
01/11/2022	07:47:24	1085	6.3	11.98	50				
01/11/2022	07:50:44	998	6.4	11.98	51				
01/11/2022	07:54:04	474	4.4	11.89	46				
01/11/2022	07:57:24	443	4.4	11.88	38				
01/11/2022	08:00:44	502	5.1	11.82	41				
01/11/2022	08:04:04	463	5.2	11.90	45				
01/11/2022	08:07:24	713	6.4	11.91	49				
01/11/2022	08:10:44	468	5.2	11.86	53				
01/11/2022	08:14:04	356	4.5	11.90	50				
01/11/2022	08:17:24	246	3.3	11.86	44				
01/11/2022	08:20:44	252	3.3	11.75	37				
01/11/2022	08:24:04	343	4.5	11.77	42				
01/11/2022	08:25:10	373	4.5	11.80	46	End Lead Slurry			
01/11/2022	08:27:24	384	4.5	11.82	70				
01/11/2022	08:30:41	68	0.0	12.16	0	Reset Total, Vol = 272.48 bbl			
01/11/2022	08:30:44	68	0.0	12.16	0				
01/11/2022	08:34:04	68	0.0	12.11	0				
01/11/2022	08:37:24	98	0.4	11.85	94				
01/11/2022	08:38:54	248	3.3	13.20	89	Start Mixing Tail Slurry			
01/11/2022	08:39:23	189	3.3	13.22	74	Pump 310 bbl at 13.5 ppg			
01/11/2022	08:39:24	254	3.3	13.22	74	Pump 1062 sks, WR=7.84 Gal/Sk, Y=1.64 FT3/sk			
01/11/2022	08:39:25	241	3.3	13.23	73	Top of Tail @ 9000 Ft			
01/11/2022	08:40:44	262	3.3	13.30	52				
01/11/2022	08:44:04	235	3.3	13.39	30				
01/11/2022	08:47:24	402	4.2	13.53	34				
01/11/2022	08:49:06	503	4.2	13.57	39	Scale Tail = 13.5 ppg			
01/11/2022	08:50:44	228	4.2	13.49	36				
01/11/2022	08:54:04	186	4.5	13.42	35				
01/11/2022	08:57:24	426	4.2	13.43	36				
01/11/2022	09:00:44	260	4.2	13.46	30				
01/11/2022	09:04:04	176	4.2	13.44	31				
01/11/2022	09:07:24	308	4.6	13.42	31				
01/11/2022	09:10:44	306	4.6	13.39	36				
01/11/2022	09:14:04	311	4.6	13.42	34				
01/11/2022	09:17:24	318	4.5	13.47	35				
01/11/2022	09:20:44	307	4.6	13.48	36				
01/11/2022	09:24:04	318	4.6	13.49	35				
01/11/2022	09:27:24	150	2.1	13.51	37				
01/11/2022	09:30:44	295	4.4	13.53	19				

Well			Field	Job Start	Customer	Job Number
SBJ 13-12HZ 13-12Hz			Wattenberg	Jan/11/2022	OXY	EAJ7-02838
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume NULL	Message
01/11/2022	09:35:38	665	8.4	13.50	36	Tail Sample Tag#-007098
01/11/2022	09:36:10	649	8.4	13.50	37	Good Returns
01/11/2022	09:37:24	953	8.3	13.48	39	
01/11/2022	09:40:44	982	8.3	13.49	38	
01/11/2022	09:43:54	314	4.6	13.54	63	End Tail Slurry
01/11/2022	09:44:04	306	4.6	13.54	67	
01/11/2022	09:45:02	76	0.0	13.60	0	Reset Total, Vol = 312.01 bbl
01/11/2022	09:45:03	84	0.0	13.58	0	Wash lines
01/11/2022	09:47:24	83	0.0	13.59	0	
01/11/2022	09:50:44	84	0.0	13.65	0	
01/11/2022	09:54:04	129	2.4	9.66	73	
01/11/2022	09:57:24	134	2.8	8.52	83	
01/11/2022	10:00:44	220	0.0	8.40	0	
01/11/2022	10:03:40	72	0.3	8.36	0	Drop Top Plug
01/11/2022	10:03:45	74	0.3	8.38	0	Displace With 429 BBL
01/11/2022	10:04:04	94	3.0	8.37	0	
01/11/2022	10:07:24	243	6.5	8.39	0	
01/11/2022	10:10:44	893	6.5	8.37	0	
01/11/2022	10:14:04	1054	6.5	8.37	0	
01/11/2022	10:17:24	1229	6.4	8.37	0	
01/11/2022	10:20:44	1481	6.4	8.37	0	
01/11/2022	10:24:04	1718	6.4	8.37	0	
01/11/2022	10:27:24	1937	6.4	8.37	0	
01/11/2022	10:30:44	2156	6.4	8.37	0	
01/11/2022	10:32:42	2284	6.4	8.37	0	Good Returns
01/11/2022	10:34:04	2247	6.4	8.36	0	
01/11/2022	10:37:24	2291	6.4	8.37	0	
01/11/2022	10:40:44	2347	6.3	8.36	0	
01/11/2022	10:44:04	2411	6.3	8.37	0	
01/11/2022	10:47:24	2448	6.3	8.37	0	
01/11/2022	10:50:44	2508	6.3	8.37	0	
01/11/2022	10:54:04	2568	6.3	8.37	0	
01/11/2022	10:57:24	2536	6.3	8.37	0	
01/11/2022	11:00:44	2572	6.3	8.37	0	
01/11/2022	11:04:04	2630	6.3	8.37	0	
01/11/2022	11:07:24	2618	6.3	8.37	0	
01/11/2022	11:08:47	2697	6.3	8.37	0	At 371 Away Spacer to Surface
01/11/2022	11:10:44	2142	3.3	8.37	0	
01/11/2022	11:14:04	2167	3.3	8.37	0	
01/11/2022	11:15:27	2113	3.3	8.37	0	Final Circulating pressure 2116
01/11/2022	11:15:32	2113	3.3	8.37	0	Reset Total, Vol = 429.3 bbl
01/11/2022	11:15:33	2167	3.3	8.37	0	End Displacement
01/11/2022	11:15:34	2182	3.3	8.37	0	15 min CSG test start 3234
01/11/2022	11:17:24	3198	0.0	8.37	0	
01/11/2022	11:20:44	3233	0.0	8.37	0	
01/11/2022	11:24:04	3293	0.0	8.38	0	
01/11/2022	11:27:24	3348	0.0	8.38	0	
01/11/2022	11:30:44	67	0.0	8.37	0	
01/11/2022	11:32:04	68	0.0	8.38	0	15 min CSG test end 3320
01/11/2022	11:33:00	69	0.0	8.38	0	Bleed off, Check Floats
01/11/2022	11:33:18	68	0.0	8.38	0	Floats Holding, 4 BBL back
01/11/2022	11:34:04	67	0.0	8.38	0	
01/11/2022	11:36:58	268	4.5	8.37	0	Verify Washup
01/11/2022	11:37:24	94	0.9	8.37	0	

Well SBJ 13-12HZ 13-12Hz		Field Wattenberg		Job Start Jan/11/2022		Customer OXY		Job Number EAJ7-02838	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume NULL	Message			
01/11/2022	11:40:44	77	0.0	8.40	0				
01/11/2022	11:44:04	66	0.0	8.37	0				

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 4.8	N2	Mud	Maximum Rate 8.4		Total Slurry 581.0	Mud 0.0	Spacer 80.0	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 6308	Final 65	Average 988	Bump Plug to 3200	Breakdown	Type	Volume bbl		Density lb/gal
Avg. N2 Percent %	Designed Slurry Volume 581.0 bbl		Displacement 429.0 bbl	Mix Water Temp 64 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl		
					Washed Thru Perfs <input type="checkbox"/>	To ft		
Customer or Authorized Representative Sam Wilson			Schlumberger Supervisor Thomas Bailey			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
						-	-	