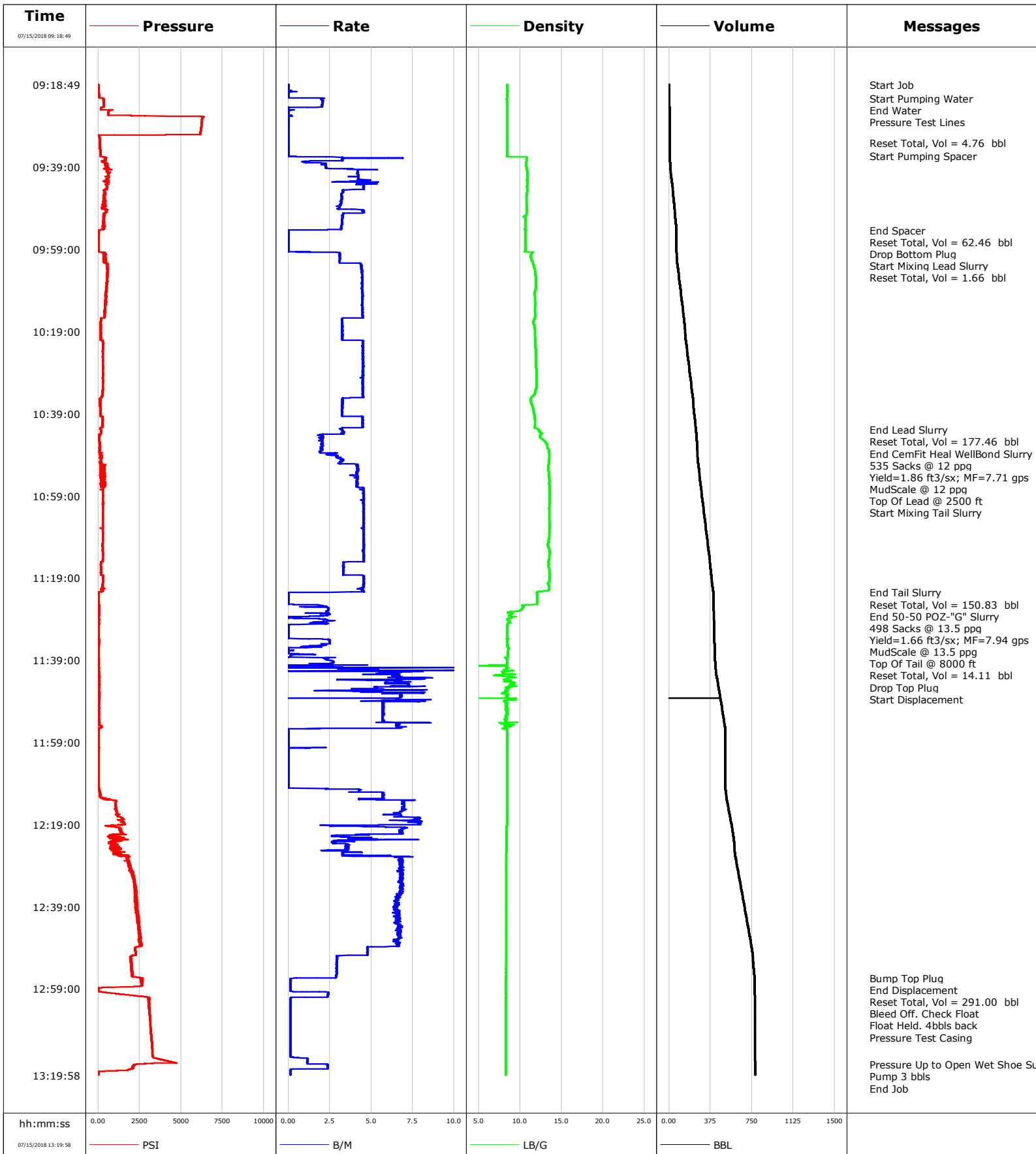


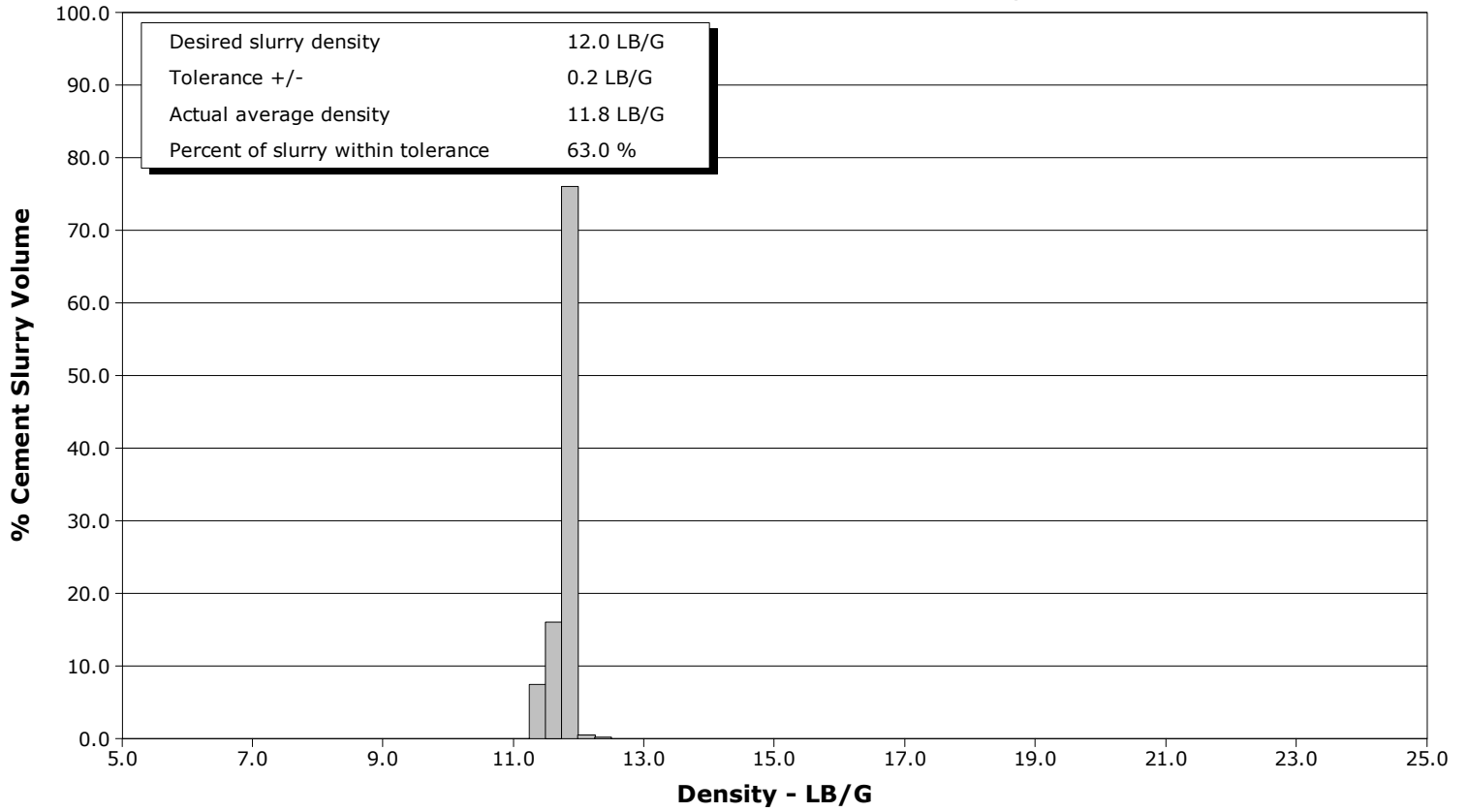
<b>Well</b>	Gracie 24-12HZ	<b>Client</b>	ANADARKO PETROLEUM COMPANY
<b>Field</b>	Wattenberg	<b>SIR No.</b>	DN38-00028
<b>Engineer</b>	Wence Luste	<b>Job Type</b>	5 1/2" Production
<b>Country</b>	United States	<b>Job Date</b>	07-15-2018



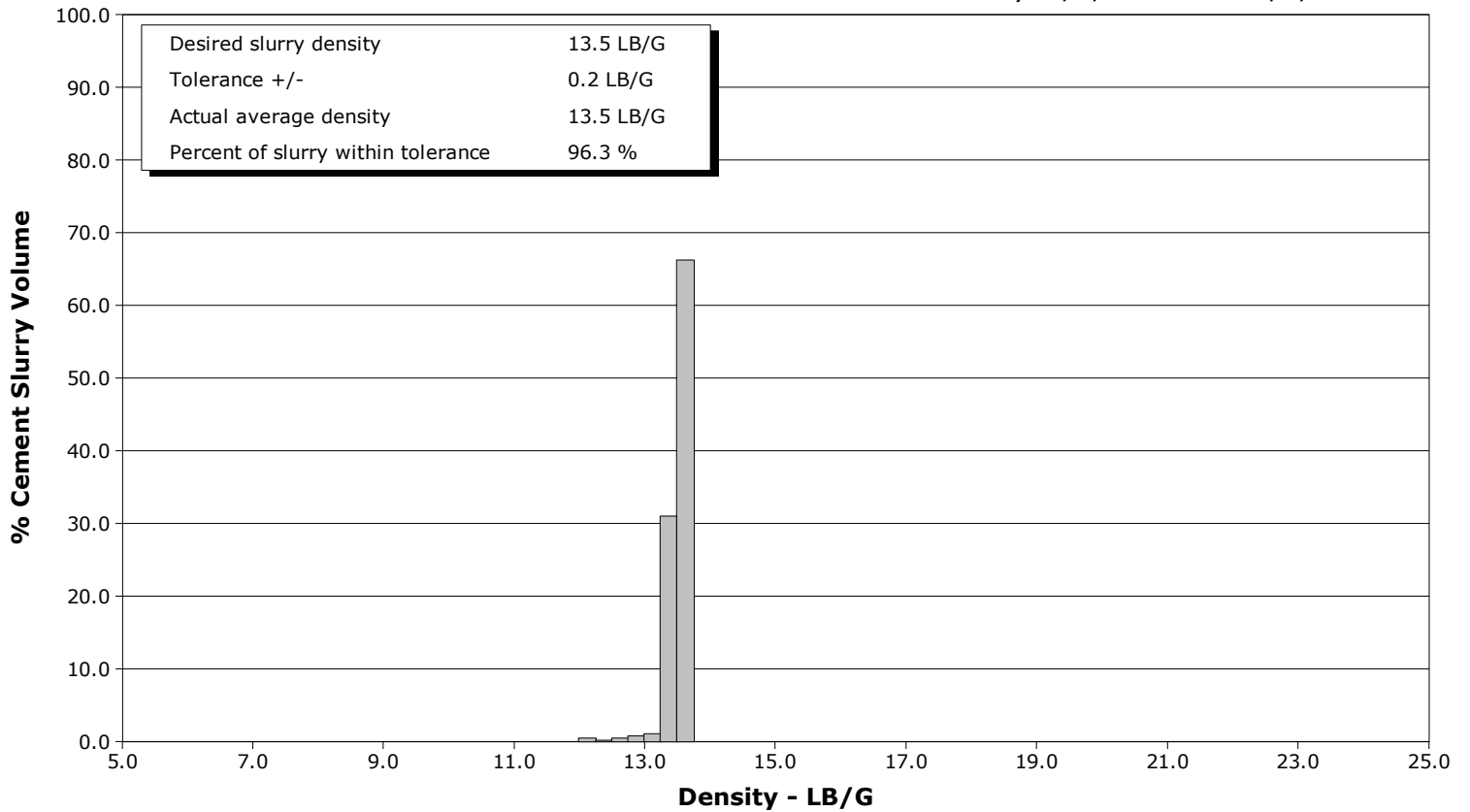
**Well** Gracie 24-12HZ  
**Field** Wattenberg  
**Engineer** Wence Luste  
**Country** United States

**Client** ANADARKO PETROLEUM COMPANY  
**SIR No.** DN38-00028  
**Job Type** 5 1/2" Production  
**Job Date** 07-15-2018

Lead Slurry - 07/15/2018 10:00:25 to 07/15/2018 10:42:51



Tail Slurry - 07/15/2018 10:44:59 to 07/15/2018 11:22:25



				Customer			Job Number			
				ANADARKO PETROLEUM COMPANY			DN38-00028			
Well		Location (legal)			Schlumberger Location		Job Start			
Gracie 24-12HZ 0631772946		05123464410000			Cheyenne, Wy		Jul/15/2018			
Field		Formation Name/Type		Deviation	Bit Size	Well MD	Well TVD			
Wattenberg				90 deg	7.9 in	12542.0 ft	7352.0 ft			
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient			
Weld		Colorado		psi	245 degF	230 degF	lb/gal			
Well Master		API/UWI								
0631772946		05123464410000								
Rig Name	Drilled For	Service Via		Casing/Liner						
PD 461	Oil & Gas	Land		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread		
				1855.0	9.6	36.0	J55	8RD		
Offshore Zone	Well Class	Well Type		12531.9	5.5	17.0	P110	8RD		
	New	Development								
Drilling Fluid Type		Max. Density	Plastic Viscosity		Tubing/Drill Pipe					
OBM		9.30 lb/gal	12.000 cP		T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line	Job Type									
Cementing	5 1/2" Production									
Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection		Perforations/Open Hole						
psi	psi	5 1/2 C-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			
Perform job as per proposal.		Casing	291.0 bbl				ft			
		Tubing Vol.	Casing Vol.		Annular Vol.	Openhole Vol.				
		bbl	291.3 bbl		324.0 bbl	741.0 bbl				
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement	Casing Tools			Squeeze Job				
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								
Lift Pressure		Shoe Type		Shoe Depth		Squeeze Type				
8967 psi		Float		12531.9 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		Collar Type		Collar Depth		Tail Pipe Depth				
		Float		12522.5 ft		ft				
Job Scheduled For		Arrived on Location	Leave Location		Sqz. Total Vol.					
Jul/15/2018 09:00		Jul/15/2018 04:30	Jul/15/2018 15:00		bbl					
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
07/15/2018	09:18:49	12	0.0	8.43	0.0	Started Acquisition				
07/15/2018	09:18:50	12	0.0	8.43	0.0	Start Job				
07/15/2018	09:19:34	12	0.0	8.42	0.0					
07/15/2018	09:20:19	11	0.0	8.41	0.0					
07/15/2018	09:21:04	33	0.0	8.43	0.0					
07/15/2018	09:21:49	80	0.0	8.43	0.0					
07/15/2018	09:22:14	290	2.2	8.42	0.2	Start Pumping Water				
07/15/2018	09:22:34	330	2.0	8.41	0.9					
07/15/2018	09:23:19	333	2.1	8.43	2.5					
07/15/2018	09:24:04	344	2.0	8.43	4.0					
07/15/2018	09:24:15	341	2.0	8.43	4.4	End Water				
07/15/2018	09:24:49	167	0.0	8.43	4.7					
07/15/2018	09:25:34	618	0.0	8.45	4.7					
07/15/2018	09:26:17	615	0.0	8.44	4.7	Pressure Test Lines				
07/15/2018	09:26:19	615	0.0	8.44	4.7					
07/15/2018	09:27:04	6301	0.0	8.45	4.8					
07/15/2018	09:27:49	6259	0.0	8.45	4.8					
07/15/2018	09:28:34	6241	0.0	8.45	4.8					
07/15/2018	09:29:19	6226	0.0	8.45	4.8					
07/15/2018	09:30:04	6215	0.0	8.44	4.8					
07/15/2018	09:30:49	6173	0.0	8.44	4.8					

Well		Field		Job Start		Customer		Job Number	
Gracie 24-12HZ 0631772946		Wattenberg		Jul/15/2018		ANADARKO PETROLEUM COMPANY		DN38-00028	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
07/15/2018	09:32:19	96	0.0	8.44	4.8				
07/15/2018	09:33:04	107	0.0	8.44	4.8	Reset Total, Vol = 4.76 bbl			
07/15/2018	09:33:49	114	0.0	8.44	4.8				
07/15/2018	09:34:34	120	0.0	8.44	4.8				
07/15/2018	09:35:19	122	0.0	8.44	4.8				
07/15/2018	09:36:04	124	0.0	8.44	4.8				
07/15/2018	09:36:15	125	0.0	8.44	4.8	Start Pumping Spacer			
07/15/2018	09:36:49	473	4.8	10.85	6.5				
07/15/2018	09:37:34	367	1.0	10.77	8.9				
07/15/2018	09:38:19	526	2.0	10.73	10.1				
07/15/2018	09:39:04	483	2.3	10.78	11.8				
07/15/2018	09:39:49	530	4.2	10.86	14.4				
07/15/2018	09:40:34	599	4.2	10.91	17.6				
07/15/2018	09:41:19	592	4.2	10.91	20.7				
07/15/2018	09:42:04	590	4.7	10.91	23.9				
07/15/2018	09:42:49	543	4.2	10.90	27.2				
07/15/2018	09:43:34	519	4.5	10.86	30.6				
07/15/2018	09:44:19	523	4.6	10.89	34.0				
07/15/2018	09:45:04	395	3.3	10.87	36.6				
07/15/2018	09:45:49	411	3.2	10.79	39.0				
07/15/2018	09:46:34	380	3.2	10.79	41.5				
07/15/2018	09:47:19	417	3.1	10.76	43.9				
07/15/2018	09:48:04	268	3.1	10.81	46.3				
07/15/2018	09:48:49	286	3.1	10.81	48.6				
07/15/2018	09:49:34	474	4.6	10.85	51.4				
07/15/2018	09:50:19	340	3.3	10.80	54.5				
07/15/2018	09:51:04	346	3.3	10.49	57.0				
07/15/2018	09:51:49	315	3.2	10.66	59.5				
07/15/2018	09:52:34	338	3.3	10.66	61.9				
07/15/2018	09:53:19	453	3.2	10.64	64.3				
07/15/2018	09:54:04	296	3.2	10.60	66.7				
07/15/2018	09:54:13	124	1.1	10.56	67.2	End Spacer			
07/15/2018	09:54:14	113	0.3	10.58	67.2	Reset Total, Vol = 62.46 bbl			
07/15/2018	09:54:19	50	0.0	10.69	67.2	Drop Bottom Plug			
07/15/2018	09:54:49	32	0.0	10.69	67.2				
07/15/2018	09:55:34	30	0.0	10.67	67.2				
07/15/2018	09:56:19	28	0.0	10.67	67.2				
07/15/2018	09:57:04	27	0.0	10.67	67.2				
07/15/2018	09:57:49	26	0.0	10.67	67.2				
07/15/2018	09:58:34	26	0.0	10.66	67.2				
07/15/2018	09:59:19	25	0.0	10.58	67.2				
07/15/2018	10:00:04	427	3.1	11.43	68.5				
07/15/2018	10:00:25	348	3.1	11.30	69.6	Start Mixing Lead Slurry			
07/15/2018	10:00:27	470	3.1	11.28	69.7	Reset Total, Vol = 1.66 bbl			
07/15/2018	10:00:49	476	3.1	11.27	70.8				
07/15/2018	10:01:34	453	3.1	11.41	73.2				
07/15/2018	10:02:19	560	4.1	11.58	75.5				
07/15/2018	10:03:04	527	4.4	11.67	78.8				
07/15/2018	10:03:49	529	4.4	11.77	82.1				
07/15/2018	10:04:34	579	4.5	11.83	85.4				
07/15/2018	10:05:19	534	4.5	11.88	88.8				
07/15/2018	10:06:04	560	4.5	11.91	92.1				
07/15/2018	10:06:49	570	4.5	11.91	95.5				
07/15/2018	10:07:34	512	4.5	11.91	98.8				

Well		Field		Job Start		Customer		Job Number	
Gracie 24-12HZ 0631772946		Wattenberg		Jul/15/2018		ANADARKO PETROLEUM COMPANY		DN38-00028	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
07/15/2018	10:09:04	477	4.5	11.82	105.5				
07/15/2018	10:09:49	483	4.5	11.75	108.9				
07/15/2018	10:10:34	490	4.5	11.81	112.2				
07/15/2018	10:11:19	455	4.5	11.82	115.6				
07/15/2018	10:12:04	418	4.5	11.84	118.9				
07/15/2018	10:12:49	417	4.5	11.84	122.3				
07/15/2018	10:13:34	404	4.5	11.80	125.7				
07/15/2018	10:14:19	424	4.5	11.81	129.0				
07/15/2018	10:15:04	396	4.5	11.84	132.4				
07/15/2018	10:15:49	179	3.2	11.74	135.6				
07/15/2018	10:16:34	170	3.3	11.59	138.1				
07/15/2018	10:17:19	174	3.2	11.67	140.5				
07/15/2018	10:18:04	171	3.3	11.75	142.9				
07/15/2018	10:18:49	176	3.3	11.79	145.4				
07/15/2018	10:19:34	148	3.3	11.81	147.8				
07/15/2018	10:20:19	168	3.3	11.82	150.3				
07/15/2018	10:21:04	144	3.4	11.83	152.7				
07/15/2018	10:21:49	324	4.5	11.86	156.1				
07/15/2018	10:22:34	322	4.5	11.87	159.4				
07/15/2018	10:23:19	295	4.5	11.90	162.8				
07/15/2018	10:24:04	273	4.5	11.91	166.2				
07/15/2018	10:24:49	280	4.5	11.92	169.6				
07/15/2018	10:25:34	276	4.5	11.93	173.0				
07/15/2018	10:26:19	286	4.5	11.92	176.4				
07/15/2018	10:27:04	296	4.5	11.93	179.7				
07/15/2018	10:27:49	300	4.5	11.94	183.1				
07/15/2018	10:28:34	280	4.5	11.95	186.5				
07/15/2018	10:29:19	274	4.5	11.96	189.9				
07/15/2018	10:30:04	296	4.5	11.97	193.3				
07/15/2018	10:30:49	309	4.5	11.96	196.6				
07/15/2018	10:31:34	295	4.5	11.96	200.0				
07/15/2018	10:32:19	279	4.5	11.96	203.4				
07/15/2018	10:33:04	273	4.5	11.91	206.8				
07/15/2018	10:33:49	272	4.5	11.83	210.1				
07/15/2018	10:34:34	239	4.5	11.61	213.5				
07/15/2018	10:35:19	121	3.3	11.30	216.7				
07/15/2018	10:36:04	120	3.3	11.30	219.1				
07/15/2018	10:36:49	135	3.3	11.43	221.6				
07/15/2018	10:37:34	144	3.3	11.56	224.0				
07/15/2018	10:38:19	161	3.2	11.64	226.4				
07/15/2018	10:39:04	133	3.3	11.70	228.9				
07/15/2018	10:39:49	253	4.5	11.74	231.6				
07/15/2018	10:40:34	289	4.5	11.88	234.9				
07/15/2018	10:41:19	276	4.5	11.77	238.3				
07/15/2018	10:42:04	292	4.5	11.78	241.7				
07/15/2018	10:42:49	185	3.2	12.20	244.5				
07/15/2018	10:42:51	162	3.2	12.19	244.6	End Lead Slurry			
07/15/2018	10:42:52	187	3.2	12.20	244.6	Reset Total, Vol = 177.46 bbl			
07/15/2018	10:43:02	171	3.3	12.27	245.2	End CemFit Heal WellBond Slurry			
07/15/2018	10:43:03	189	3.3	12.27	245.2	535 Sacks @ 12 ppg			
07/15/2018	10:43:04	189	3.3	12.29	245.3	Yield=1.86 ft3/sx; MF=7.71 gps			
07/15/2018	10:43:05	188	3.3	12.29	245.3	MudScale @ 12 ppg			
07/15/2018	10:43:06	170	3.3	12.29	245.4	Top Of Lead @ 2500 ft			
07/15/2018	10:43:34	179	3.4	12.50	246.9				

Well		Field		Job Start		Customer		Job Number	
Gracie 24-12HZ 0631772946		Wattenberg		Jul/15/2018		ANADARKO PETROLEUM COMPANY		DN38-00028	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
07/15/2018	10:44:59	79	2.0	12.57	250.3	Start Mixing Tail Slurry			
07/15/2018	10:45:04	85	2.0	12.65	250.5				
07/15/2018	10:45:49	86	2.0	13.03	252.0				
07/15/2018	10:46:34	108	2.0	13.29	253.5				
07/15/2018	10:47:19	90	2.0	13.35	255.0				
07/15/2018	10:48:04	83	1.9	13.48	256.5				
07/15/2018	10:48:49	134	2.4	13.54	258.2				
07/15/2018	10:49:34	113	3.1	13.53	260.3				
07/15/2018	10:50:19	187	3.3	13.50	262.6				
07/15/2018	10:51:04	110	3.0	13.50	265.0				
07/15/2018	10:51:49	288	4.2	13.41	268.0				
07/15/2018	10:53:19	370	4.2	13.48	274.2				
07/15/2018	10:54:04	149	4.1	13.50	277.3				
07/15/2018	10:54:49	440	4.2	13.54	280.4				
07/15/2018	10:55:34	319	4.2	13.55	283.5				
07/15/2018	10:56:19	191	4.2	13.55	286.7				
07/15/2018	10:57:04	297	4.5	13.58	289.8				
07/15/2018	10:57:49	283	4.5	13.56	293.2				
07/15/2018	10:58:34	290	4.5	13.60	296.6				
07/15/2018	10:59:19	304	4.5	13.56	300.0				
07/15/2018	11:00:04	278	4.5	13.59	303.4				
07/15/2018	11:00:49	352	4.5	13.58	306.8				
07/15/2018	11:01:34	284	4.6	13.54	310.2				
07/15/2018	11:02:19	290	4.6	13.52	313.6				
07/15/2018	11:03:04	287	4.5	13.56	317.0				
07/15/2018	11:03:49	284	4.5	13.54	320.4				
07/15/2018	11:04:34	289	4.5	13.54	323.9				
07/15/2018	11:05:19	287	4.5	13.56	327.3				
07/15/2018	11:06:04	288	4.6	13.59	330.7				
07/15/2018	11:06:49	292	4.6	13.57	334.1				
07/15/2018	11:07:34	290	4.5	13.54	337.5				
07/15/2018	11:08:19	292	4.5	13.52	340.9				
07/15/2018	11:09:04	280	4.6	13.52	344.3				
07/15/2018	11:09:49	280	4.6	13.43	347.7				
07/15/2018	11:10:34	272	4.6	13.39	351.1				
07/15/2018	11:11:19	274	4.6	13.40	354.5				
07/15/2018	11:12:04	262	4.5	13.53	357.9				
07/15/2018	11:12:49	289	4.5	13.59	361.3				
07/15/2018	11:13:34	287	4.6	13.51	364.8				
07/15/2018	11:14:19	282	4.5	13.53	368.2				
07/15/2018	11:15:04	179	3.4	13.40	371.6				
07/15/2018	11:15:49	174	3.3	13.45	374.1				
07/15/2018	11:16:34	192	3.3	13.52	376.6				
07/15/2018	11:17:19	150	3.3	13.57	379.1				
07/15/2018	11:18:04	201	3.3	13.57	381.5				
07/15/2018	11:18:49	322	4.5	13.59	384.7				
07/15/2018	11:19:34	301	4.6	13.56	388.1				
07/15/2018	11:20:19	288	4.6	13.34	391.5				
07/15/2018	11:21:04	294	4.6	13.47	394.9				
07/15/2018	11:21:49	262	4.5	13.47	398.3				
07/15/2018	11:22:25	36	2.4	12.01	400.9	End Tail Slurry			
07/15/2018	11:22:28	11	0.7	12.03	401.0	Reset Total, Vol = 150.83 bbl			
07/15/2018	11:22:33	12	0.0	12.10	401.1	End 50-50 POZ-"G" Slurry			
07/15/2018	11:22:34	13	0.0	12.10	401.1	Yield=1.66 ft3/sx; MF=7.94 gps			

Well		Field		Job Start		Customer		Job Number	
Gracie 24-12HZ 0631772946		Wattenberg		Jul/15/2018		ANADARKO PETROLEUM COMPANY		DN38-00028	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
07/15/2018	11:22:36	13	0.0	12.09	401.1	Top Of Tail @ 8000 ft			
07/15/2018	11:23:19	15	0.0	12.09	401.1				
07/15/2018	11:24:04	23	0.0	12.08	401.1				
07/15/2018	11:24:49	22	0.0	12.09	401.1				
07/15/2018	11:25:34	81	1.8	10.44	401.3				
07/15/2018	11:26:19	80	2.4	10.29	402.8				
07/15/2018	11:27:04	68	2.3	9.54	404.6				
07/15/2018	11:27:49	67	2.5	8.88	406.3				
07/15/2018	11:28:34	15	0.0	9.00	407.4				
07/15/2018	11:29:19	62	2.6	8.59	408.5				
07/15/2018	11:30:04	63	2.4	8.49	410.1				
07/15/2018	11:30:49	13	0.0	8.44	410.5				
07/15/2018	11:31:34	13	0.0	8.43	410.5				
07/15/2018	11:32:19	13	0.0	8.43	410.5				
07/15/2018	11:33:04	13	0.0	8.43	410.5				
07/15/2018	11:33:49	48	2.1	8.52	410.6				
07/15/2018	11:34:34	66	2.5	8.45	412.4				
07/15/2018	11:35:19	54	2.3	8.45	414.2				
07/15/2018	11:35:56	14	0.2	8.59	415.2	Reset Total, Vol = 14.11 bbl			
07/15/2018	11:35:59	12	0.0	8.58	415.2	Drop Top Plug			
07/15/2018	11:36:04	14	0.0	8.70	415.2				
07/15/2018	11:36:49	13	0.0	8.54	415.2				
07/15/2018	11:37:34	12	1.5	8.53	415.3				
07/15/2018	11:38:19	65	1.7	8.26	415.6				
07/15/2018	11:39:04	49	2.7	8.43	417.3				
07/15/2018	11:39:49	18	1.7	8.43	419.3				
07/15/2018	11:40:34	26	2.7	8.43	420.5				
07/15/2018	11:41:19	41	5.0	8.09	423.2				
07/15/2018	11:41:41	39	4.9	8.08	424.6	Start Displacement			
07/15/2018	11:42:04	54	5.9	7.93	427.0				
07/15/2018	11:42:49	74	6.6	7.83	431.6				
07/15/2018	11:43:34	31	8.2	8.51	436.9				
07/15/2018	11:44:19	37	7.3	9.17	441.2				
07/15/2018	11:45:04	47	7.3	9.18	446.2				
07/15/2018	11:45:49	50	5.3	8.48	450.8				
07/15/2018	11:46:34	112	3.9	8.45	454.6				
07/15/2018	11:47:19	50	6.7	8.40	459.7				
07/15/2018	11:48:04	93	6.7	8.41	464.8				
07/15/2018	11:48:49	73	5.7	8.23	469.7				
07/15/2018	11:49:34	59	5.8	8.35	474.4				
07/15/2018	11:50:19	60	5.7	8.43	478.6				
07/15/2018	11:51:04	76	5.7	8.35	482.9				
07/15/2018	11:51:49	40	5.7	8.39	487.2				
07/15/2018	11:52:34	49	5.7	8.23	491.5				
07/15/2018	11:53:19	84	5.7	8.23	495.7				
07/15/2018	11:54:04	101	5.3	8.47	500.0				
07/15/2018	11:54:49	140	6.6	8.68	505.1				
07/15/2018	11:55:34	64	6.2	7.86	510.1				
07/15/2018	11:56:19	12	0.0	8.42	510.4				
07/15/2018	11:57:04	12	0.0	8.42	510.4				
07/15/2018	11:57:49	12	0.0	8.42	510.4				
07/15/2018	11:58:34	12	0.0	8.42	510.4				
07/15/2018	11:59:19	13	0.0	8.42	510.4				
07/15/2018	12:00:04	13	0.0	8.42	510.4				

Well		Field		Job Start		Customer		Job Number	
Gracie 24-12HZ 0631772946		Wattenberg		Jul/15/2018		ANADARKO PETROLEUM COMPANY		DN38-00028	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
07/15/2018	12:01:34	13	0.0	8.42	510.6				
07/15/2018	12:02:19	13	0.0	8.42	510.6				
07/15/2018	12:03:04	13	0.0	8.42	510.6				
07/15/2018	12:03:49	13	0.0	8.42	510.6				
07/15/2018	12:04:34	12	0.0	8.42	510.6				
07/15/2018	12:05:19	12	0.0	8.42	510.6				
07/15/2018	12:06:04	12	0.0	8.42	510.6				
07/15/2018	12:06:49	13	0.0	8.42	510.6				
07/15/2018	12:07:34	12	0.0	8.42	510.6				
07/15/2018	12:08:19	13	0.0	8.42	510.6				
07/15/2018	12:09:04	12	0.0	8.42	510.6				
07/15/2018	12:09:49	11	0.0	8.42	510.6				
07/15/2018	12:10:34	65	4.3	8.41	512.0				
07/15/2018	12:11:19	99	5.7	8.42	515.5				
07/15/2018	12:12:04	169	5.7	8.42	519.7				
07/15/2018	12:12:49	313	4.3	8.42	523.7				
07/15/2018	12:13:34	1076	7.0	8.42	528.6				
07/15/2018	12:14:19	1042	7.0	8.42	533.8				
07/15/2018	12:15:04	1067	7.0	8.42	539.0				
07/15/2018	12:15:49	1109	6.8	8.42	544.2				
07/15/2018	12:16:34	1065	5.7	8.42	549.2				
07/15/2018	12:17:19	1455	7.7	8.42	554.4				
07/15/2018	12:18:04	1442	7.8	8.42	560.1				
07/15/2018	12:18:49	1594	8.0	8.42	566.1				
07/15/2018	12:19:34	1029	5.9	8.39	569.9				
07/15/2018	12:20:19	1284	6.7	8.38	575.1				
07/15/2018	12:21:04	1452	6.8	8.37	580.2				
07/15/2018	12:21:49	987	2.7	8.38	583.7				
07/15/2018	12:22:34	1137	4.8	8.36	586.5				
07/15/2018	12:23:19	1071	2.8	8.39	589.3				
07/15/2018	12:24:04	1170	3.6	8.37	591.7				
07/15/2018	12:24:49	821	3.4	8.37	594.4				
07/15/2018	12:25:34	1381	3.6	8.37	596.7				
07/15/2018	12:26:19	1049	3.3	8.33	599.3				
07/15/2018	12:27:04	1751	6.8	8.33	603.6				
07/15/2018	12:27:49	1595	6.8	8.32	608.7				
07/15/2018	12:28:34	1809	6.7	8.33	613.8				
07/15/2018	12:29:19	1964	6.9	8.32	618.9				
07/15/2018	12:30:04	1967	6.8	8.32	624.1				
07/15/2018	12:30:49	2127	6.9	8.32	629.1				
07/15/2018	12:31:34	2055	6.8	8.32	634.3				
07/15/2018	12:32:19	2179	6.9	8.32	639.4				
07/15/2018	12:33:04	2161	6.7	8.32	644.5				
07/15/2018	12:33:49	2192	7.0	8.31	649.6				
07/15/2018	12:34:34	2217	6.9	8.31	654.7				
07/15/2018	12:35:19	2298	6.9	8.31	659.9				
07/15/2018	12:36:04	2328	6.7	8.32	665.0				
07/15/2018	12:36:49	2326	6.7	8.32	670.0				
07/15/2018	12:37:34	2251	6.4	8.32	674.9				
07/15/2018	12:38:19	2356	6.6	8.32	679.8				
07/15/2018	12:39:04	2252	6.4	8.32	684.7				
07/15/2018	12:39:49	2376	6.6	8.32	689.6				
07/15/2018	12:40:34	2342	6.5	8.32	694.5				
07/15/2018	12:41:19	2440	6.4	8.31	699.4				

Well		Field		Job Start		Customer		Job Number	
Gracie 24-12HZ 0631772946		Wattenberg		Jul/15/2018		ANADARKO PETROLEUM COMPANY		DN38-00028	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
07/15/2018	12:42:49	2423	6.5	8.31	709.4				
07/15/2018	12:43:34	2431	6.7	8.31	714.3				
07/15/2018	12:44:19	2458	6.7	8.32	719.4				
07/15/2018	12:45:04	2550	6.7	8.31	724.4				
07/15/2018	12:45:49	2577	6.8	8.32	729.4				
07/15/2018	12:46:34	2553	6.7	8.32	734.5				
07/15/2018	12:47:19	2494	6.5	8.31	739.4				
07/15/2018	12:48:04	2610	6.7	8.32	744.3				
07/15/2018	12:48:49	2299	4.8	8.31	749.1				
07/15/2018	12:49:34	2248	4.8	8.31	752.7				
07/15/2018	12:50:19	2274	4.8	8.31	756.2				
07/15/2018	12:51:04	1966	3.0	8.31	759.4				
07/15/2018	12:51:49	1954	2.9	8.30	761.6				
07/15/2018	12:52:34	1972	2.9	8.30	763.8				
07/15/2018	12:53:19	1995	2.9	8.30	766.0				
07/15/2018	12:54:04	2011	2.9	8.30	768.2				
07/15/2018	12:54:49	2026	2.9	8.30	770.4				
07/15/2018	12:55:34	2044	2.9	8.30	772.6				
07/15/2018	12:56:19	2629	0.8	8.29	774.7	Bump Top Plug			
07/15/2018	12:57:04	2605	0.1	8.29	774.8				
07/15/2018	12:57:49	2658	0.1	8.29	774.9				
07/15/2018	12:58:34	776	0.1	8.29	775.0				
07/15/2018	12:58:53	7	0.1	8.29	775.1	Reset Total, Vol = 291.00 bbl			
07/15/2018	12:59:00	10	0.1	8.29	775.1	Bleed Off. Check Float			
07/15/2018	12:59:01	10	0.1	8.29	775.1	Float Held. 4bbls back			
07/15/2018	12:59:19	27	0.1	8.29	775.1				
07/15/2018	13:00:04	931	2.4	8.29	776.1				
07/15/2018	13:00:49	2705	2.4	8.30	777.9				
07/15/2018	13:01:11	3032	0.1	8.29	778.4	Pressure Test Casing			
07/15/2018	13:01:34	3087	0.1	8.29	778.5				
07/15/2018	13:02:19	3054	0.1	8.29	778.6				
07/15/2018	13:03:04	3106	0.1	8.29	778.7				
07/15/2018	13:03:49	3089	0.1	8.29	778.8				
07/15/2018	13:04:34	3107	0.1	8.29	778.9				
07/15/2018	13:05:19	3122	0.1	8.29	779.0				
07/15/2018	13:06:04	3129	0.1	8.29	779.1				
07/15/2018	13:06:49	3148	0.1	8.29	779.2				
07/15/2018	13:07:34	3159	0.1	8.29	779.3				
07/15/2018	13:08:19	3172	0.1	8.29	779.4				
07/15/2018	13:09:04	3187	0.1	8.29	779.5				
07/15/2018	13:09:49	3201	0.1	8.29	779.6				
07/15/2018	13:10:34	3215	0.1	8.29	779.7				
07/15/2018	13:11:19	3228	0.1	8.29	779.8				
07/15/2018	13:12:04	3240	0.1	8.29	779.9				
07/15/2018	13:12:49	3254	0.1	8.29	780.0				
07/15/2018	13:13:34	3267	0.1	8.29	780.1				
07/15/2018	13:14:19	3279	0.1	8.29	780.2				
07/15/2018	13:15:04	3293	0.1	8.29	780.3				
07/15/2018	13:15:49	3401	1.1	8.28	780.5				
07/15/2018	13:16:34	4223	1.2	8.28	781.3				
07/15/2018	13:17:19	2333	2.4	8.28	782.3				
07/15/2018	13:17:20	2307	2.4	8.28	782.3	Pressure Up to Open Wet Shoe Sub			
07/15/2018	13:17:46	2085	2.4	8.28	783.3	Pump 3 bbls			
07/15/2018	13:18:04	2095	2.4	8.29	784.1				

<b>Well</b> Gracie 24-12HZ 0631772946		<b>Field</b> Wattenberg		<b>Job Start</b> Jul/15/2018		<b>Customer</b> ANADARKO PETROLEUM COMPANY		<b>Job Number</b> DN38-00028	
<b>Date</b>	<b>Time 24-hr clock</b>	<b>Treating Pressure PSI</b>	<b>Flow Rate B/M</b>	<b>Density LB/G</b>	<b>Volume BBL</b>	<b>Message</b>			
07/15/2018	13:18:49	1760	0.1	8.29	785.1				

### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
<b>Slurry</b> 4.0	<b>N2</b>	<b>Mud</b>	<b>Maximum Rate</b> 11.0	<b>Total Slurry</b> 328.3	<b>Mud</b> 0.0	<b>Spacer</b> 62.5	<b>N2</b>	
Treating Pressure Summary, psi					Breakdown Fluid			
<b>Maximum</b> 6392	<b>Final</b> 2037	<b>Average</b> 877	<b>Bump Plug to</b> 2662	<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> 323.6 bbl	<b>Displacement</b> 291.0 bbl	<b>Mix Water Temp</b> 65 degF	<b>Cement Circulated to Surface?</b> <input checked="" type="checkbox"/>	<b>Volume</b> 0.0 bbl			
				<b>Washed Thru Perfs</b> <input type="checkbox"/>	<b>To</b> ft			
<b>Customer or Authorized Representative</b> Joe Wallem / Allan Madsen			<b>Schlumberger Supervisor</b> Wence Luste		<b>Circulation Lost</b> <input type="checkbox"/>	<b>Job Completed</b> <input checked="" type="checkbox"/>		
				-	-			