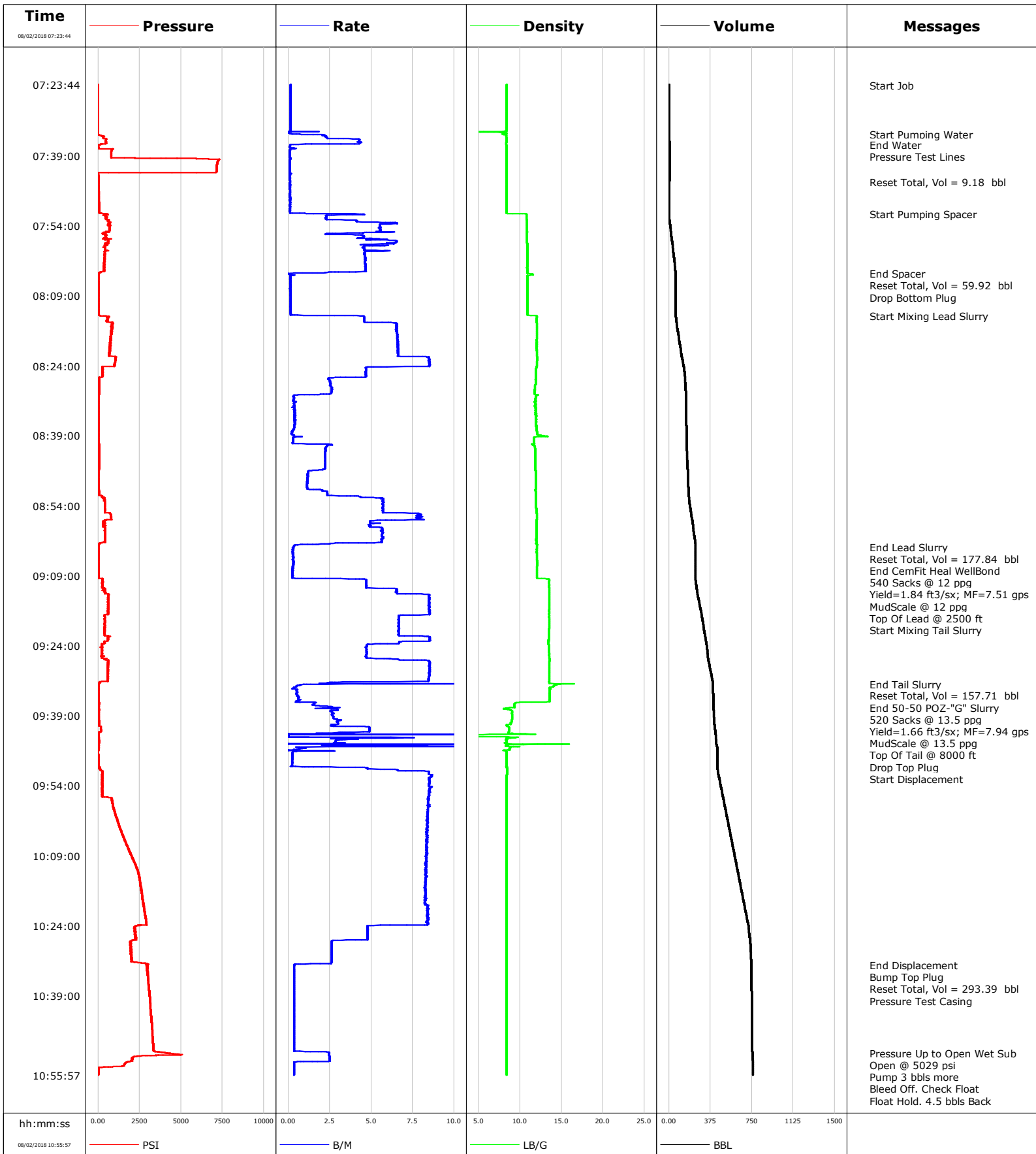


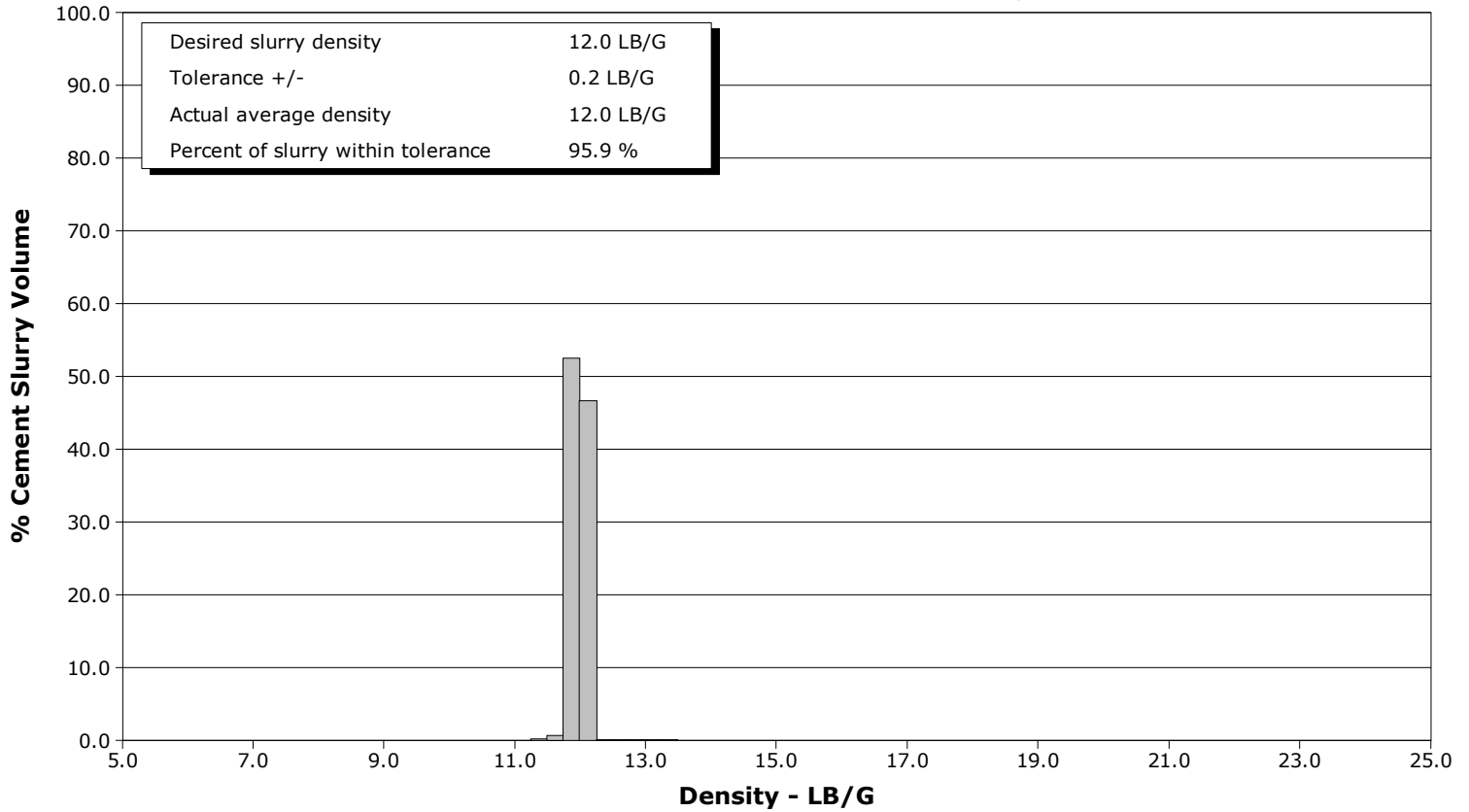
Well	Gracie 24-2HZ	Client	ANADARKO PETROLEUM COMPANY
Field	Wattenberg	SIR No.	DN38-00061
Engineer	Wence Luste	Job Type	5 1/2" Production
Country	United States	Job Date	08-02-2018



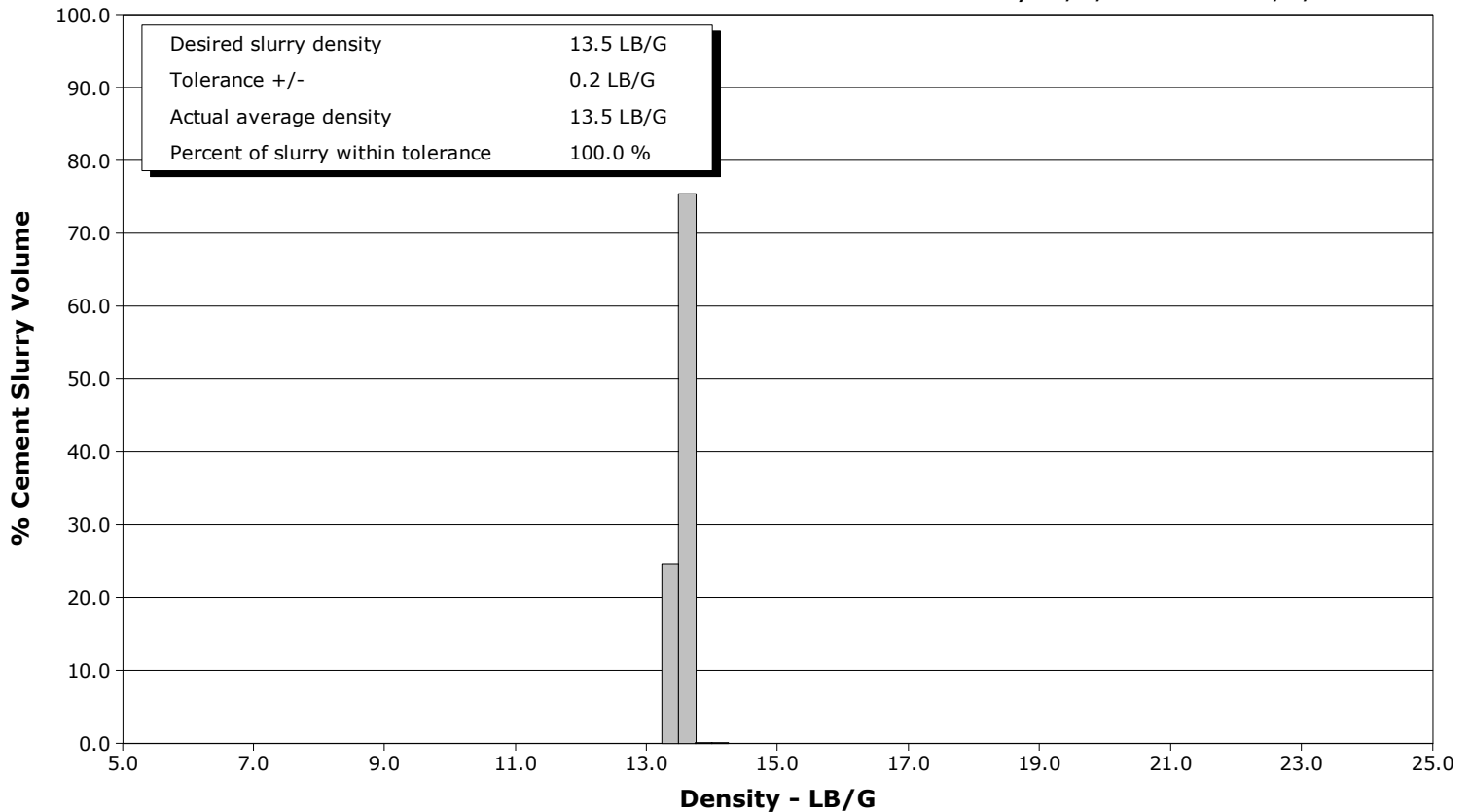
Well Gracie 24-2HZ
Field Wattenberg
Engineer Wence Luste
Country United States

Client ANADARKO PETROLEUM COMPANY
SIR No. DN38-00061
Job Type 5 1/2" Production
Job Date 08-02-2018

Lead Slurry - 08/02/2018 08:13:21 to 08/02/2018 09:02:46



Tail Slurry - 08/02/2018 09:09:43 to 08/02/2018 09:32:05



				Customer			Job Number			
				ANADARKO PETROLEUM COMPANY			DN38-00061			
Well		Location (legal)			Schlumberger Location			Job Start		
Gracie 24-2HZ 0631764623		05123464360000			Cheyenne, Wy			Aug/02/2018		
Field		Formation Name/Type			Deviation	Bit Size	Well MD		Well TVD	
Wattenberg					90 deg	7.9 in	12640.0 ft		7326.0 ft	
County		State/Province			BHP	BHST	BHCT	Pore Press. Gradient		
Weld		Colorado			psi	245 degF	230 degF	lb/gal		
Well Master		API/UWI								
0631764623		05123464360000								
Rig Name	Drilled For		Service Via		Casing/Liner					
PD 461	Oil & Gas		Land		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class		Well Type		1886.0	9.6	36.0	J55	8RD	
	New		Development		12633.0	5.5	17.0	P110	8RD	
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	
Service Instructions					ft	ft			ft	
Perform job as per proposal.					ft	ft			Diameter	
					ft	ft			in	
					Treat Down	Displacement	Packer Type	Packer Depth		
					Casing	293.5 bbl		ft		
					Tubing Vol.	Casing Vol.	Annular Vol.	Openhole Vol.		
					bbl	293.7 bbl	330.5 bbl	748.0 bbl		
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement								
<input checked="" type="checkbox"/>		<input type="checkbox"/>								
Lift Pressure		Shoe Type			Shoe Depth		Squeeze Job			
9000 psi		Float			12633.0 ft		Squeeze Type			
Pipe Rotated		Pipe Reciprocated	Stage Tool Type		Stage Tool Depth		Tool Type			
<input type="checkbox"/>		<input type="checkbox"/>			ft					
No. Centralizers		Top Plugs	Bottom Plugs	Tail Pipe Size		Tail Pipe Depth		Sqz. Total Vol.		
		1	1	in		ft		bbl		
Cement Head Type		Collar Type			Collar Depth					
Double		Float			12624.4 ft					
Job Scheduled For		Arrived on Location		Leave Location						
Aug/02/2018 07:30		Aug/02/2018 03:00		Aug/02/2018						
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
08/02/2018	07:23:44	-13	0.1	8.36	0.0	Started Acquisition				
08/02/2018	07:23:52	-13	0.1	8.36	0.0	Start Job				
08/02/2018	07:24:29	-13	0.1	8.36	0.0					
08/02/2018	07:25:14	-13	0.1	8.36	0.0					
08/02/2018	07:25:59	-14	0.1	8.36	0.0					
08/02/2018	07:26:44	-14	0.1	8.36	0.0					
08/02/2018	07:27:29	-13	0.1	8.36	0.0					
08/02/2018	07:28:14	-14	0.1	8.36	0.0					
08/02/2018	07:28:59	-13	0.1	8.36	0.0					
08/02/2018	07:29:44	-13	0.1	8.36	0.0					
08/02/2018	07:30:29	-13	0.1	8.36	0.0					
08/02/2018	07:31:14	-13	0.1	8.36	0.0					
08/02/2018	07:31:59	-13	0.1	8.36	0.0					
08/02/2018	07:32:44	-14	0.1	8.36	0.0					
08/02/2018	07:33:29	-13	0.1	8.36	0.0					
08/02/2018	07:34:14	-9	0.1	8.35	0.1					
08/02/2018	07:34:28	-1	1.2	8.07	0.2	Start Pumping Water				
08/02/2018	07:34:59	345	2.3	8.36	1.3					
08/02/2018	07:35:44	474	4.3	8.36	3.7					
08/02/2018	07:36:29	208	3.2	8.34	6.9					
08/02/2018	07:36:33	163	0.6	8.35	7.1	End Water				

Well		Field		Job Start		Customer		Job Number	
Gracie 24-2HZ 0631764623		Wattenberg		Aug/02/2018		ANADARKO PETROLEUM COMPANY		DN38-00061	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
08/02/2018	07:37:32	319	0.3	8.35	7.3	Pressure Test Lines			
08/02/2018	07:37:59	812	0.1	8.36	7.3				
08/02/2018	07:38:44	787	0.1	8.36	7.4				
08/02/2018	07:39:29	2259	0.1	8.36	7.5				
08/02/2018	07:40:14	7230	0.1	8.36	7.5				
08/02/2018	07:40:59	7183	0.1	8.36	7.6				
08/02/2018	07:41:44	7166	0.1	8.36	7.7				
08/02/2018	07:42:29	7155	0.1	8.36	7.7				
08/02/2018	07:43:14	2	0.1	8.36	7.8				
08/02/2018	07:43:59	8	0.1	8.36	7.9				
08/02/2018	07:44:40	12	0.1	8.36	0.0	Reset Total, Vol = 9.18 bbl			
08/02/2018	07:44:44	13	0.1	8.36	0.0				
08/02/2018	07:45:29	19	0.1	8.36	0.1				
08/02/2018	07:46:14	27	0.1	8.35	0.2				
08/02/2018	07:46:59	35	0.1	8.36	0.3				
08/02/2018	07:47:44	44	0.1	8.36	0.3				
08/02/2018	07:48:29	54	0.1	8.35	0.4				
08/02/2018	07:49:14	64	0.1	8.36	0.5				
08/02/2018	07:49:59	73	0.1	8.35	0.6				
08/02/2018	07:50:44	82	0.1	8.35	0.6				
08/02/2018	07:51:25	473	2.4	9.93	0.8	Start Pumping Spacer			
08/02/2018	07:51:29	486	4.3	10.75	1.0				
08/02/2018	07:52:14	470	2.2	10.78	3.2				
08/02/2018	07:52:59	603	4.1	10.83	5.3				
08/02/2018	07:53:44	584	5.5	10.86	9.4				
08/02/2018	07:54:29	691	5.5	10.86	13.5				
08/02/2018	07:55:14	667	5.5	10.86	17.7				
08/02/2018	07:55:59	503	4.4	10.84	20.8				
08/02/2018	07:56:44	490	5.1	10.82	24.1				
08/02/2018	07:57:29	608	6.5	10.86	28.5				
08/02/2018	07:58:14	568	5.9	10.88	32.9				
08/02/2018	07:58:59	444	4.6	10.89	36.4				
08/02/2018	07:59:44	407	4.6	10.88	40.1				
08/02/2018	08:00:29	429	4.6	10.89	43.6				
08/02/2018	08:01:14	396	4.7	10.91	47.0				
08/02/2018	08:01:59	384	4.6	10.90	50.5				
08/02/2018	08:02:44	358	4.6	10.90	54.0				
08/02/2018	08:03:29	379	4.7	10.90	57.5				
08/02/2018	08:04:12	33	0.2	10.88	60.1	End Spacer			
08/02/2018	08:04:14	29	0.2	10.88	60.1	Reset Total, Vol = 59.92 bbl			
08/02/2018	08:04:25	18	0.1	11.53	60.1	Drop Bottom Plug			
08/02/2018	08:04:59	11	0.1	10.88	60.2				
08/02/2018	08:05:44	9	0.1	10.89	60.2				
08/02/2018	08:06:29	8	0.1	10.88	60.3				
08/02/2018	08:07:14	7	0.1	10.88	60.4				
08/02/2018	08:07:59	8	0.1	10.88	60.5				
08/02/2018	08:08:44	6	0.1	10.87	60.6				
08/02/2018	08:09:29	7	0.1	10.87	60.7				
08/02/2018	08:10:14	6	0.1	10.87	60.8				
08/02/2018	08:10:59	7	0.1	10.87	60.9				
08/02/2018	08:12:29	6	0.1	10.87	61.1				
08/02/2018	08:13:14	99	2.8	11.78	61.3				
08/02/2018	08:13:21	442	4.5	12.02	61.7	Start Mixing Lead Slurry			
08/02/2018	08:13:59	546	4.6	12.00	64.6				

Well		Field		Job Start		Customer		Job Number	
Gracie 24-2HZ 0631764623		Wattenberg		Aug/02/2018		ANADARKO PETROLEUM COMPANY		DN38-00061	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
08/02/2018	08:15:29	845	6.6	12.01	72.9				
08/02/2018	08:16:14	864	6.5	12.01	77.8				
08/02/2018	08:16:59	821	6.5	12.02	82.7				
08/02/2018	08:17:44	744	6.6	12.02	87.6				
08/02/2018	08:18:29	749	6.6	12.00	92.6				
08/02/2018	08:19:14	760	6.6	12.01	97.5				
08/02/2018	08:19:59	716	6.6	12.00	102.5				
08/02/2018	08:20:44	686	6.6	12.01	107.5				
08/02/2018	08:21:29	657	6.6	12.02	112.4				
08/02/2018	08:22:14	1073	8.5	12.07	117.8				
08/02/2018	08:22:59	1039	8.5	12.06	124.1				
08/02/2018	08:23:44	998	8.6	12.03	130.5				
08/02/2018	08:24:29	264	4.7	11.95	135.9				
08/02/2018	08:25:14	257	4.7	11.94	139.5				
08/02/2018	08:25:59	262	4.7	11.94	143.0				
08/02/2018	08:26:44	84	2.4	11.91	146.0				
08/02/2018	08:27:29	88	2.5	11.90	147.8				
08/02/2018	08:28:14	85	2.5	11.80	149.7				
08/02/2018	08:28:59	82	2.6	11.77	151.7				
08/02/2018	08:29:44	81	2.6	11.76	153.6				
08/02/2018	08:30:29	5	0.3	11.91	154.9				
08/02/2018	08:31:14	5	0.3	11.88	155.1				
08/02/2018	08:31:59	5	0.3	11.87	155.4				
08/02/2018	08:32:44	5	0.3	11.84	155.7				
08/02/2018	08:33:29	5	0.4	11.87	155.9				
08/02/2018	08:34:14	5	0.4	11.90	156.2				
08/02/2018	08:34:59	5	0.4	11.93	156.5				
08/02/2018	08:35:44	5	0.4	11.94	156.8				
08/02/2018	08:36:29	4	0.4	11.92	157.1				
08/02/2018	08:37:14	4	0.4	11.95	157.3				
08/02/2018	08:37:59	5	0.3	12.04	157.6				
08/02/2018	08:38:44	5	0.2	12.12	157.7				
08/02/2018	08:39:29	5	0.3	11.69	158.0				
08/02/2018	08:40:14	5	0.3	11.69	158.2				
08/02/2018	08:40:59	62	2.5	11.59	159.0				
08/02/2018	08:41:44	62	2.2	11.82	160.7				
08/02/2018	08:42:29	62	2.2	11.84	162.4				
08/02/2018	08:43:14	63	2.2	11.85	164.0				
08/02/2018	08:43:59	62	2.2	11.86	165.7				
08/02/2018	08:44:44	63	2.2	11.86	167.4				
08/02/2018	08:45:29	62	2.2	11.85	169.1				
08/02/2018	08:46:14	57	2.1	11.85	170.7				
08/02/2018	08:46:59	28	1.2	11.90	171.8				
08/02/2018	08:47:44	28	1.2	11.90	172.6				
08/02/2018	08:48:29	28	1.1	11.90	173.5				
08/02/2018	08:49:14	27	1.1	11.90	174.4				
08/02/2018	08:49:59	28	1.1	11.90	175.2				
08/02/2018	08:50:44	60	2.0	11.88	176.3				
08/02/2018	08:51:29	74	2.4	11.91	178.0				
08/02/2018	08:52:14	376	4.7	11.92	180.4				
08/02/2018	08:52:59	394	5.7	11.92	184.7				
08/02/2018	08:53:44	403	5.7	11.93	188.9				
08/02/2018	08:54:29	408	5.7	11.95	193.2				
08/02/2018	08:55:14	428	5.7	11.95	197.5				

Well		Field		Job Start		Customer		Job Number	
Gracie 24-2HZ 0631764623		Wattenberg		Aug/02/2018		ANADARKO PETROLEUM COMPANY		DN38-00061	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
08/02/2018	08:56:44	788	7.8	12.01	208.7				
08/02/2018	08:57:29	413	5.0	11.98	213.4				
08/02/2018	08:58:14	488	5.0	11.98	217.2				
08/02/2018	08:58:59	442	5.7	11.98	221.2				
08/02/2018	08:59:44	443	5.7	11.98	225.4				
08/02/2018	09:00:29	419	5.7	11.96	229.7				
08/02/2018	09:01:14	419	5.7	11.96	234.0				
08/02/2018	09:01:59	121	3.0	11.95	238.1				
08/02/2018	09:02:44	11	0.3	12.02	239.0				
08/02/2018	09:02:46	11	0.3	12.02	239.0	End Lead Slurry			
08/02/2018	09:02:48	11	0.3	12.02	239.1	Reset Total, Vol = 177.84 bbl			
08/02/2018	09:02:49	11	0.3	12.01	239.1	End CemFit Heal WellBond			
08/02/2018	09:02:50	11	0.3	12.01	239.1	540 Sacks @ 12 ppg			
08/02/2018	09:02:51	11	0.3	12.01	239.1	Yield=1.84 ft3/sx; MF=7.51 gps			
08/02/2018	09:02:52	11	0.3	12.01	239.1	MudScale @ 12 ppg			
08/02/2018	09:02:53	11	0.3	12.02	239.1	Top Of Lead @ 2500 ft			
08/02/2018	09:03:29	11	0.3	12.01	239.2				
08/02/2018	09:04:14	11	0.3	12.01	239.4				
08/02/2018	09:04:59	10	0.3	12.03	239.7				
08/02/2018	09:05:44	11	0.3	12.06	239.9				
08/02/2018	09:06:29	11	0.3	12.09	240.1				
08/02/2018	09:07:59	11	0.2	12.05	240.5				
08/02/2018	09:08:44	11	0.2	12.02	240.7				
08/02/2018	09:09:29	11	0.2	12.02	240.9				
08/02/2018	09:09:43	280	4.6	13.49	241.3	Start Mixing Tail Slurry			
08/02/2018	09:10:14	266	4.7	13.50	243.8				
08/02/2018	09:10:59	264	4.7	13.53	247.3				
08/02/2018	09:11:44	408	6.5	13.53	250.9				
08/02/2018	09:12:29	425	6.5	13.53	255.8				
08/02/2018	09:13:14	624	8.5	13.54	261.4				
08/02/2018	09:13:59	615	8.5	13.52	267.8				
08/02/2018	09:14:44	610	8.5	13.53	274.2				
08/02/2018	09:15:29	612	8.5	13.55	280.5				
08/02/2018	09:16:14	622	8.5	13.53	286.9				
08/02/2018	09:16:59	604	8.5	13.52	293.3				
08/02/2018	09:17:44	417	6.7	13.49	299.1				
08/02/2018	09:18:29	417	6.7	13.53	304.1				
08/02/2018	09:19:14	409	6.7	13.53	309.1				
08/02/2018	09:19:59	403	6.7	13.52	314.1				
08/02/2018	09:20:44	417	6.7	13.47	319.1				
08/02/2018	09:21:29	389	6.7	13.48	324.1				
08/02/2018	09:22:14	599	8.5	13.49	329.7				
08/02/2018	09:22:59	515	8.5	13.45	336.1				
08/02/2018	09:23:44	257	4.7	13.46	341.0				
08/02/2018	09:24:29	259	4.7	13.48	344.5				
08/02/2018	09:25:14	227	4.7	13.45	348.1				
08/02/2018	09:25:59	254	4.7	13.50	351.6				
08/02/2018	09:26:44	562	6.1	13.56	355.2				
08/02/2018	09:27:29	597	8.5	13.55	360.9				
08/02/2018	09:28:14	606	8.5	13.53	367.3				
08/02/2018	09:28:59	590	8.5	13.51	373.6				
08/02/2018	09:29:44	595	8.5	13.51	380.1				
08/02/2018	09:30:29	607	8.5	13.52	386.5				
08/02/2018	09:31:14	601	8.5	13.51	392.9				

Well		Field		Job Start		Customer		Job Number	
Gracie 24-2HZ 0631764623		Wattenberg		Aug/02/2018		ANADARKO PETROLEUM COMPANY		DN38-00061	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
08/02/2018	09:32:05	24	4.7	14.22	397.9	End Tail Slurry			
08/02/2018	09:32:08	-0	8.8	16.34	398.2	Reset Total, Vol = 157.71 bbl			
08/02/2018	09:32:09	0	6.2	15.55	398.4	End 50-50 POZ-"G" Slurry			
08/02/2018	09:32:10	0	4.5	15.32	398.5	520 Sacks @ 13.5 ppg			
08/02/2018	09:32:11	0	3.6	15.08	398.6	Yield=1.66 ft3/sx; MF=7.94 gps			
08/02/2018	09:32:12	0	2.3	14.86	398.6	MudScale @ 13.5 ppg			
08/02/2018	09:32:13	1	1.9	14.76	398.7	Top Of Tail @ 8000 ft			
08/02/2018	09:32:44	5	0.5	14.04	399.1				
08/02/2018	09:33:29	5	0.5	13.59	399.4				
08/02/2018	09:34:14	12	0.5	13.59	399.7				
08/02/2018	09:35:44	14	0.6	13.56	400.6				
08/02/2018	09:36:29	68	1.6	9.31	401.4				
08/02/2018	09:37:14	34	3.1	9.13	403.0				
08/02/2018	09:37:59	45	2.5	9.04	405.0				
08/02/2018	09:38:44	41	2.6	9.02	407.0				
08/02/2018	09:39:29	37	2.7	9.03	409.0				
08/02/2018	09:40:14	62	2.9	8.99	411.2				
08/02/2018	09:40:59	60	2.8	8.37	413.4				
08/02/2018	09:41:44	155	4.9	8.69	416.5				
08/02/2018	09:42:29	61	3.7	8.63	420.1				
08/02/2018	09:43:14	7	0.0	2.85	424.7				
08/02/2018	09:43:59	42	4.2	8.55	426.3				
08/02/2018	09:44:44	47	3.1	8.29	428.5				
08/02/2018	09:45:29	48	3.3	8.24	434.4				
08/02/2018	09:46:14	18	0.3	8.69	436.3				
08/02/2018	09:46:44	-11	0.3	8.35	436.7	Drop Top Plug			
08/02/2018	09:46:59	-2	0.2	8.36	436.8				
08/02/2018	09:47:44	3	0.2	8.36	437.0				
08/02/2018	09:48:29	3	0.2	8.36	437.2				
08/02/2018	09:49:14	4	0.2	8.36	437.4				
08/02/2018	09:49:56	23	1.6	8.44	437.5	Start Displacement			
08/02/2018	09:49:59	122	3.1	8.40	437.6				
08/02/2018	09:50:44	200	6.6	8.44	441.6				
08/02/2018	09:51:29	247	8.5	8.44	447.9				
08/02/2018	09:52:14	243	8.5	8.36	454.4				
08/02/2018	09:52:59	257	8.5	8.36	460.8				
08/02/2018	09:53:44	239	8.5	8.36	467.1				
08/02/2018	09:54:29	245	8.6	8.37	473.6				
08/02/2018	09:55:14	252	8.5	8.36	479.9				
08/02/2018	09:55:59	257	8.5	8.36	486.3				
08/02/2018	09:56:44	839	8.5	8.37	492.5				
08/02/2018	09:57:29	865	8.4	8.36	499.0				
08/02/2018	09:58:14	896	8.4	8.37	505.3				
08/02/2018	09:58:59	954	8.4	8.36	511.7				
08/02/2018	09:59:44	1015	8.4	8.36	518.0				
08/02/2018	10:00:29	1070	8.4	8.36	524.3				
08/02/2018	10:01:14	1151	8.4	8.36	530.6				
08/02/2018	10:01:59	1224	8.4	8.36	536.9				
08/02/2018	10:02:44	1299	8.4	8.36	543.2				
08/02/2018	10:03:29	1364	8.4	8.36	549.5				
08/02/2018	10:04:14	1441	8.4	8.37	555.8				
08/02/2018	10:04:59	1540	8.4	8.37	562.0				
08/02/2018	10:05:44	1631	8.3	8.36	568.3				
08/02/2018	10:06:29	1707	8.4	8.36	574.6				

Well		Field		Job Start		Customer		Job Number	
Gracie 24-2HZ 0631764623		Wattenberg		Aug/02/2018		ANADARKO PETROLEUM COMPANY		DN38-00061	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
08/02/2018	10:07:59	1887	8.4	8.36	587.1				
08/02/2018	10:08:44	1988	8.3	8.36	593.4				
08/02/2018	10:09:29	2081	8.3	8.36	599.6				
08/02/2018	10:10:14	2179	8.3	8.36	605.9				
08/02/2018	10:10:59	2273	8.3	8.36	612.1				
08/02/2018	10:11:44	2352	8.3	8.36	618.4				
08/02/2018	10:12:29	2432	8.3	8.36	624.6				
08/02/2018	10:13:14	2476	8.3	8.36	630.8				
08/02/2018	10:13:59	2502	8.3	8.36	637.1				
08/02/2018	10:14:44	2560	8.3	8.36	643.3				
08/02/2018	10:15:29	2591	8.3	8.36	649.5				
08/02/2018	10:16:14	2628	8.3	8.37	655.7				
08/02/2018	10:16:59	2634	8.3	8.36	661.9				
08/02/2018	10:17:44	2675	8.2	8.36	668.1				
08/02/2018	10:18:29	2698	8.3	8.36	674.3				
08/02/2018	10:19:14	2724	8.3	8.36	680.5				
08/02/2018	10:19:59	2773	8.4	8.36	686.8				
08/02/2018	10:20:44	2796	8.4	8.36	693.1				
08/02/2018	10:21:29	2827	8.5	8.36	699.4				
08/02/2018	10:22:14	2865	8.4	8.37	705.7				
08/02/2018	10:22:59	2896	8.4	8.36	712.0				
08/02/2018	10:23:44	2917	8.4	8.36	718.3				
08/02/2018	10:24:29	2211	4.8	8.36	722.3				
08/02/2018	10:25:14	2245	4.8	8.36	725.9				
08/02/2018	10:25:59	2265	4.8	8.36	729.5				
08/02/2018	10:26:44	2320	4.8	8.36	733.1				
08/02/2018	10:27:29	1946	2.6	8.36	735.8				
08/02/2018	10:28:14	1993	2.6	8.36	737.7				
08/02/2018	10:28:59	2011	2.6	8.36	739.7				
08/02/2018	10:29:44	2019	2.6	8.36	741.7				
08/02/2018	10:30:29	2026	2.6	8.36	743.6				
08/02/2018	10:31:14	2048	2.6	8.36	745.6				
08/02/2018	10:31:59	2826	2.6	8.36	747.5				
08/02/2018	10:32:23	2930	0.3	8.36	748.0	End Displacement			
08/02/2018	10:32:24	3012	0.4	8.36	748.0	Bump Top Plug			
08/02/2018	10:32:39	2972	0.4	8.36	748.1	Reset Total, Vol = 293.39 bbl			
08/02/2018	10:32:44	2949	0.4	8.36	748.2				
08/02/2018	10:32:56	2981	0.4	8.36	748.2	Pressure Test Casing			
08/02/2018	10:33:29	2989	0.4	8.36	748.4				
08/02/2018	10:34:14	2978	0.4	8.36	748.7				
08/02/2018	10:34:59	3021	0.4	8.36	749.0				
08/02/2018	10:35:44	3025	0.4	8.36	749.2				
08/02/2018	10:36:29	3050	0.3	8.36	749.5				
08/02/2018	10:37:14	3070	0.3	8.36	749.8				
08/02/2018	10:37:59	3089	0.3	8.36	750.0				
08/02/2018	10:38:44	3106	0.3	8.37	750.3				
08/02/2018	10:39:29	3123	0.3	8.37	750.5				
08/02/2018	10:40:14	3139	0.3	8.37	750.8				
08/02/2018	10:40:59	3155	0.3	8.37	751.1				
08/02/2018	10:41:44	3171	0.3	8.37	751.3				
08/02/2018	10:42:29	3188	0.3	8.37	751.6				
08/02/2018	10:43:14	3203	0.3	8.37	751.8				
08/02/2018	10:43:59	3219	0.3	8.37	752.1				
08/02/2018	10:44:44	3235	0.3	8.37	752.3				

Well		Field		Job Start		Customer		Job Number	
Gracie 24-2HZ 0631764623		Wattenberg		Aug/02/2018		ANADARKO PETROLEUM COMPANY		DN38-00061	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
08/02/2018	10:46:14	3265	0.3	8.37	752.9				
08/02/2018	10:46:59	3280	0.3	8.37	753.1				
08/02/2018	10:47:44	3295	0.3	8.37	753.4				
08/02/2018	10:48:29	3311	0.3	8.37	753.6				
08/02/2018	10:49:14	3325	0.3	8.37	753.9				
08/02/2018	10:49:59	3340	0.3	8.36	754.2				
08/02/2018	10:50:44	3355	0.3	8.37	754.4				
08/02/2018	10:51:12	4066	2.5	8.36	755.2	Pressure Up to Open Wet Sub			
08/02/2018	10:51:29	4865	2.5	8.36	755.9				
08/02/2018	10:51:42	3478	2.5	8.36	756.4	Open @ 5029 psi			
08/02/2018	10:52:17	2112	2.5	8.36	757.8	Pump 3 bbls more			
08/02/2018	10:52:59	2068	2.5	8.36	759.6				
08/02/2018	10:53:07	1794	0.4	8.36	759.8	Bleed Off. Check Float			
08/02/2018	10:53:08	1790	0.4	8.36	759.8	Float Hold. 4.5 bbls Back			
08/02/2018	10:53:10	1767	0.4	8.36	759.8	End Job			
08/02/2018	10:53:44	1587	0.3	8.36	760.0				
08/02/2018	10:54:29	0	0.3	8.36	760.3				

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2	
3.6			25.0	335.5	0.0	59.9		
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density	
7328	1602	993	3012			bbl	lb/gal	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume	bbl	
%	326.8 bbl	293.3 bbl	81 degF	Washed Thru Perfs	<input type="checkbox"/>	To	ft	
Customer or Authorized Representative			Schlumberger Supervisor		Circulation Lost	<input type="checkbox"/>	Job Completed	<input checked="" type="checkbox"/>
Jeremy Duty / Chris Clemens			Wence Luste		-		-	