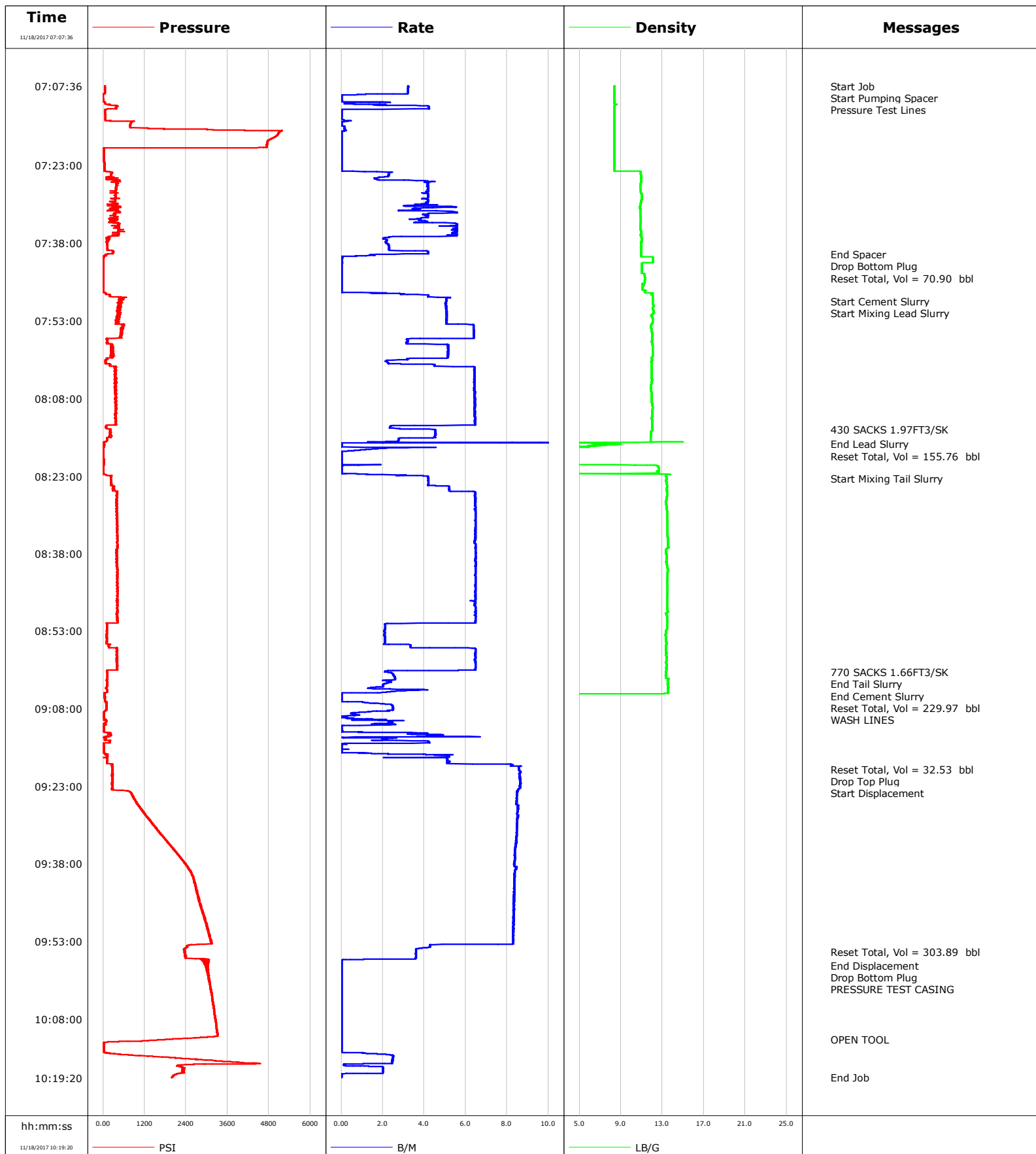


Well BUROUGH 1NE-17HZ
Field WATTENBERG
Engineer NORM HASLAUER
Country United States

Client Anadarko
SIR No. 2605049
Job Type PRODUCTION
Job Date 11-18-2017



Cementing Service Report

				Customer Anadarko				Job Number 2605049			
Well BUROUGH 1NE-17HZ			Location (legal)			Schlumberger Location			Job Start Nov/18/2017		
Field WATTENBERG		Formation Name/Type Clean-Sandstone		Deviation deg		Bit Size in		Well MD 13000.0 ft		Well TVD 7374.0 ft	
County WELD		State/Province Colorado		BHP psi		BHST 230 degF		BHCT 209 degF		Pore Press. Gradient lb/gal	
Well Master 0631732939		API/UWI									
Rig Name P564		Drilled For Oil & Gas		Service Via Land		Casing/ Liner					
						Depth, ft		Size, in		Weight, lb/ft	
										Grade	
										Thread	
Offshore Zone		Well Class New		Well Type Development		1891.0		9.6		36.0	
						12982.0		5.5		18.0	
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 Double Cement head		Perforations/Open Hole					
						Top, ft		Bottom, ft		shot/ft	
										No. of Shots	
										Total Interval ft	
										Diameter in	
						Treat Down Casing		Displacement 303.0 bbl		Packer Type Other	
										Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 306.0 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 2400 psi						Shoe Type Float				Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 12982.0 ft				Tool Type	
No. Centralizers		Top Plugs 1		Bottom Plugs		Stage Tool Type				Tool Depth ft	
Cement Head Type						Stage Tool Depth ft				Tail Pipe Size in	
Job Scheduled For Nov/18/2017		Arrived on Location Nov/18/2017		Leave Location Nov/18/2017		Collar Type Float				Tail Pipe Depth ft	
						Collar Depth 12974.0 ft				Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
11/18/2017	07:07:36	54	3.2	8.39	0.1	Started Acquisition					
11/18/2017	07:07:41	53	3.2	8.39	0.3	Start Job					
11/18/2017	07:07:47	54	3.2	8.39	0.6	Start Pumping Spacer					
11/18/2017	07:07:50	55	3.2	8.39	0.8	Pressure Test Lines					
11/18/2017	07:08:06	54	3.2	8.39	1.7						
11/18/2017	07:08:36	54	3.2	8.39	3.3						
11/18/2017	07:09:06	51	3.2	8.39	4.9						
11/18/2017	07:09:36	-10	0.0	8.39	5.3						
11/18/2017	07:10:06	-11	0.0	8.39	5.3						
11/18/2017	07:10:36	5	0.0	8.39	5.3						
11/18/2017	07:11:06	57	0.3	8.42	5.6						
11/18/2017	07:11:36	414	4.2	8.39	6.9						
11/18/2017	07:12:06	107	2.0	8.39	9.0						
11/18/2017	07:12:36	54	0.0	8.39	9.1						
11/18/2017	07:13:06	60	0.0	8.39	9.1						
11/18/2017	07:13:36	61	0.0	8.39	9.1						
11/18/2017	07:14:06	65	0.0	8.39	9.1						
11/18/2017	07:14:36	824	0.0	8.39	9.1						
11/18/2017	07:15:06	788	0.0	8.39	9.1						
11/18/2017	07:15:36	778	0.1	8.39	9.2						
11/18/2017	07:16:06	3162	0.2	8.39	9.3						

Well			Field	Job Start		Customer		Job Number	
BUROUGH 1NE-17HZ			WATTENBERG		Nov/18/2017		Anadarko		2605049
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
11/18/2017	07:17:06	5045	0.0	8.39	9.3				
11/18/2017	07:17:36	4944	0.0	8.39	9.3				
11/18/2017	07:18:06	4789	0.0	8.39	9.3				
11/18/2017	07:18:36	4748	0.0	8.39	9.3				
11/18/2017	07:19:06	4734	0.0	8.39	9.3				
11/18/2017	07:19:36	7	0.0	8.39	9.3				
11/18/2017	07:20:06	19	0.0	8.39	9.3				
11/18/2017	07:20:36	21	0.0	8.39	9.3				
11/18/2017	07:21:06	23	0.0	8.39	9.3				
11/18/2017	07:21:36	26	0.0	8.39	9.3				
11/18/2017	07:22:06	27	0.0	8.39	9.3				
11/18/2017	07:22:36	30	0.0	8.39	9.3				
11/18/2017	07:23:06	32	0.0	8.39	9.3				
11/18/2017	07:23:36	35	0.0	8.39	9.3				
11/18/2017	07:24:06	38	0.0	8.39	9.3				
11/18/2017	07:24:36	236	2.3	10.92	10.3				
11/18/2017	07:25:06	231	2.3	10.94	11.4				
11/18/2017	07:25:36	169	1.6	10.96	12.4				
11/18/2017	07:26:06	424	4.4	10.96	13.8				
11/18/2017	07:26:36	382	4.2	10.90	15.9				
11/18/2017	07:27:06	378	4.2	10.86	18.0				
11/18/2017	07:27:36	381	4.2	10.89	20.1				
11/18/2017	07:28:06	367	4.2	10.91	22.2				
11/18/2017	07:28:36	360	4.2	10.99	24.2				
11/18/2017	07:29:06	356	4.2	11.00	26.3				
11/18/2017	07:29:36	352	4.2	10.99	28.4				
11/18/2017	07:30:06	334	4.1	10.95	30.5				
11/18/2017	07:30:36	385	4.7	10.87	32.5				
11/18/2017	07:31:06	384	5.5	10.82	34.6				
11/18/2017	07:31:36	267	3.7	10.89	36.6				
11/18/2017	07:32:06	481	5.6	10.86	38.8				
11/18/2017	07:32:36	337	4.2	10.87	41.0				
11/18/2017	07:33:06	409	4.1	10.90	43.1				
11/18/2017	07:33:36	195	3.8	10.91	45.0				
11/18/2017	07:34:06	444	5.0	10.92	47.0				
11/18/2017	07:34:36	453	5.6	10.86	49.8				
11/18/2017	07:35:06	376	5.6	10.87	52.5				
11/18/2017	07:35:36	432	5.6	10.93	55.3				
11/18/2017	07:36:06	460	5.4	10.98	58.0				
11/18/2017	07:36:36	425	5.6	10.96	60.8				
11/18/2017	07:37:06	191	2.0	10.99	62.3				
11/18/2017	07:37:36	171	2.2	10.99	63.4				
11/18/2017	07:38:06	116	2.2	10.96	64.4				
11/18/2017	07:38:36	122	2.3	10.97	65.6				
11/18/2017	07:39:06	125	2.3	10.97	66.7				
11/18/2017	07:39:36	302	4.2	10.97	68.1				
11/18/2017	07:40:06	147	3.7	10.97	70.2				
11/18/2017	07:40:11	82	2.3	10.97	70.4	End Spacer			
11/18/2017	07:40:34	21	0.0	10.97	70.9	Drop Bottom Plug			
11/18/2017	07:40:36	19	0.0	10.97	70.9	Reset Total, Vol = 70.90 bbl			
11/18/2017	07:41:06	11	0.0	12.11	70.9				
11/18/2017	07:41:36	9	0.0	12.11	70.9				
11/18/2017	07:42:06	8	0.0	11.02	70.9				
11/18/2017	07:42:36	7	0.0	11.02	70.9				

Well BUROUGH 1NE-17HZ			Field WATTENBERG		Job Start Nov/18/2017	Customer Anadarko	Job Number 2605049
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/18/2017	07:43:36	7	0.0	11.02	71.0		
11/18/2017	07:44:06	7	0.0	11.26	71.0		
11/18/2017	07:44:36	8	0.0	11.31	71.0		
11/18/2017	07:45:06	8	0.0	11.31	71.0		
11/18/2017	07:45:36	8	0.0	11.30	71.0		
11/18/2017	07:46:06	8	0.0	11.05	71.0		
11/18/2017	07:46:36	8	0.0	11.08	71.0		
11/18/2017	07:47:06	8	0.0	11.30	71.0		
11/18/2017	07:47:36	71	1.9	11.41	71.0		
11/18/2017	07:48:06	193	4.2	12.04	72.5		
11/18/2017	07:48:36	619	5.1	12.04	74.7		
11/18/2017	07:49:06	529	5.1	12.05	77.2		
11/18/2017	07:49:16	494	5.0	12.05	78.1	Start Cement Slurry	
11/18/2017	07:49:18	447	5.0	12.05	78.2	Start Mixing Lead Slurry	
11/18/2017	07:49:36	405	5.0	12.06	79.7		
11/18/2017	07:50:06	461	5.0	12.16	82.3		
11/18/2017	07:50:36	480	5.0	12.05	84.8		
11/18/2017	07:51:06	475	5.1	12.15	87.3		
11/18/2017	07:51:36	470	5.1	12.19	89.9		
11/18/2017	07:52:06	445	5.1	11.96	92.4		
11/18/2017	07:52:36	412	5.1	12.05	94.9		
11/18/2017	07:53:06	385	5.1	12.07	97.5		
11/18/2017	07:53:36	401	5.1	11.99	100.0		
11/18/2017	07:54:06	592	6.4	11.89	103.1		
11/18/2017	07:54:36	514	6.4	11.95	106.3		
11/18/2017	07:55:06	505	6.4	11.98	109.5		
11/18/2017	07:55:36	514	6.4	11.99	112.7		
11/18/2017	07:56:06	485	6.4	12.00	115.9		
11/18/2017	07:56:36	88	3.2	12.00	118.5		
11/18/2017	07:57:06	132	3.2	11.98	120.1		
11/18/2017	07:57:36	249	5.1	12.02	121.8		
11/18/2017	07:58:06	296	5.1	12.07	124.4		
11/18/2017	07:58:36	288	5.2	12.04	127.0		
11/18/2017	07:59:06	235	5.1	12.05	129.6		
11/18/2017	07:59:36	300	5.1	12.06	132.1		
11/18/2017	08:00:06	226	5.1	11.97	134.7		
11/18/2017	08:00:36	72	2.8	12.01	136.6		
11/18/2017	08:01:06	72	2.2	11.95	137.8		
11/18/2017	08:01:36	197	4.5	11.96	139.4		
11/18/2017	08:02:06	339	6.4	11.96	142.1		
11/18/2017	08:02:36	389	6.4	11.96	145.3		
11/18/2017	08:03:06	361	6.4	11.95	148.5		
11/18/2017	08:03:36	341	6.4	11.96	151.7		
11/18/2017	08:04:06	384	6.4	11.98	154.9		
11/18/2017	08:04:36	354	6.4	11.99	158.1		
11/18/2017	08:05:06	344	6.4	11.95	161.3		
11/18/2017	08:05:36	343	6.4	11.92	164.6		
11/18/2017	08:06:06	363	6.4	11.91	167.8		
11/18/2017	08:06:36	345	6.4	11.91	171.0		
11/18/2017	08:07:06	373	6.4	11.97	174.2		
11/18/2017	08:07:36	369	6.4	11.98	177.4		
11/18/2017	08:08:06	335	6.4	11.96	180.6		
11/18/2017	08:08:36	381	6.4	11.97	183.9		
11/18/2017	08:09:06	366	6.5	12.01	187.1		

Well BUROUGH 1NE-17HZ			Field WATTENBERG		Job Start Nov/18/2017	Customer Anadarko	Job Number 2605049
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/18/2017	08:10:06	371	6.4	12.07	193.5		
11/18/2017	08:10:36	373	6.4	12.00	196.7		
11/18/2017	08:11:06	369	6.4	12.00	199.9		
11/18/2017	08:11:36	361	6.4	11.99	203.2		
11/18/2017	08:12:06	369	6.5	12.00	206.4		
11/18/2017	08:12:36	363	6.5	12.01	209.6		
11/18/2017	08:13:06	350	6.4	12.00	212.8		
11/18/2017	08:13:36	85	2.4	12.00	214.6		
11/18/2017	08:14:00	190	4.4	12.00	215.7	430 SACKS 1.97FT3/SK	
11/18/2017	08:14:06	194	4.5	12.00	216.2		
11/18/2017	08:14:36	197	4.5	11.93	218.4		
11/18/2017	08:15:06	201	4.5	11.93	220.7		
11/18/2017	08:15:36	215	4.5	11.88	223.0		
11/18/2017	08:16:06	114	2.8	11.88	224.5		
11/18/2017	08:16:36	30	12.2	3.06	226.4		
11/18/2017	08:16:49	28	0.0	8.45	226.7	End Lead Slurry	
11/18/2017	08:16:54	30	0.0	8.68	226.7	Reset Total, Vol = 155.76 bbl	
11/18/2017	08:17:06	30	0.0	7.58	226.7		
11/18/2017	08:17:36	11	2.7	0.55	227.2		
11/18/2017	08:18:06	2	0.6	0.36	227.9		
11/18/2017	08:18:36	4	0.0	0.32	228.0		
11/18/2017	08:19:06	6	0.0	0.30	228.0		
11/18/2017	08:19:36	11	0.0	0.29	228.0		
11/18/2017	08:20:06	18	0.0	0.28	228.0		
11/18/2017	08:20:36	18	0.0	0.28	228.0		
11/18/2017	08:21:06	9	0.0	12.57	228.1		
11/18/2017	08:21:36	5	0.0	12.62	228.1		
11/18/2017	08:22:06	11	0.0	12.56	228.1		
11/18/2017	08:22:36	13	0.7	5.93	228.1		
11/18/2017	08:23:06	232	4.2	13.37	229.4		
11/18/2017	08:23:30	226	4.2	13.38	231.1	Start Mixing Tail Slurry	
11/18/2017	08:23:36	223	4.2	13.38	231.5		
11/18/2017	08:24:06	236	4.2	13.37	233.6		
11/18/2017	08:24:36	225	4.2	13.42	235.7		
11/18/2017	08:25:06	284	5.2	13.43	238.0		
11/18/2017	08:25:36	318	5.2	13.41	240.6		
11/18/2017	08:26:06	408	6.4	13.43	243.3		
11/18/2017	08:26:36	399	6.5	13.43	246.5		
11/18/2017	08:27:06	397	6.5	13.42	249.7		
11/18/2017	08:27:36	389	6.5	13.38	253.0		
11/18/2017	08:28:06	391	6.5	13.36	256.2		
11/18/2017	08:28:36	399	6.4	13.37	259.4		
11/18/2017	08:29:06	397	6.5	13.41	262.6		
11/18/2017	08:29:36	408	6.5	13.42	265.9		
11/18/2017	08:30:06	410	6.5	13.43	269.1		
11/18/2017	08:30:36	385	6.5	13.44	272.3		
11/18/2017	08:31:06	391	6.5	13.46	275.6		
11/18/2017	08:31:36	403	6.5	13.47	278.8		
11/18/2017	08:32:06	397	6.5	13.48	282.0		
11/18/2017	08:32:36	402	6.5	13.49	285.3		
11/18/2017	08:33:06	411	6.5	13.50	288.5		
11/18/2017	08:33:36	415	6.5	13.50	291.7		
11/18/2017	08:34:06	406	6.5	13.51	295.0		
11/18/2017	08:34:36	414	6.5	13.51	298.2		

Well			Field	Job Start		Customer		Job Number	
BUROUGH 1NE-17HZ			WATTENBERG		Nov/18/2017		Anadarko		2605049
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
11/18/2017	08:35:36	415	6.4	13.55	304.7				
11/18/2017	08:36:06	405	6.5	13.53	307.9				
11/18/2017	08:36:36	420	6.5	13.56	311.1				
11/18/2017	08:37:06	408	6.5	13.42	314.4				
11/18/2017	08:37:36	388	6.5	13.36	317.6				
11/18/2017	08:38:06	401	6.5	13.37	320.8				
11/18/2017	08:38:36	395	6.5	13.40	324.1				
11/18/2017	08:39:06	386	6.5	13.41	327.3				
11/18/2017	08:39:36	381	6.5	13.37	330.5				
11/18/2017	08:40:06	399	6.5	13.42	333.8				
11/18/2017	08:40:36	406	6.5	13.47	337.0				
11/18/2017	08:41:06	413	6.5	13.53	340.3				
11/18/2017	08:41:36	416	6.5	13.51	343.5				
11/18/2017	08:42:06	408	6.5	13.51	346.7				
11/18/2017	08:42:36	412	6.5	13.50	350.0				
11/18/2017	08:43:06	415	6.5	13.47	353.2				
11/18/2017	08:43:36	414	6.5	13.46	356.4				
11/18/2017	08:44:06	411	6.5	13.47	359.7				
11/18/2017	08:44:36	411	6.5	13.49	362.9				
11/18/2017	08:45:06	423	6.5	13.49	366.1				
11/18/2017	08:45:36	412	6.5	13.50	369.4				
11/18/2017	08:46:06	409	6.5	13.47	372.6				
11/18/2017	08:46:36	415	6.5	13.46	375.8				
11/18/2017	08:47:06	419	6.5	13.46	379.0				
11/18/2017	08:47:36	413	6.5	13.47	382.3				
11/18/2017	08:48:06	406	6.4	13.47	385.5				
11/18/2017	08:48:36	407	6.5	13.47	388.7				
11/18/2017	08:49:06	417	6.5	13.51	392.0				
11/18/2017	08:49:36	401	6.5	13.35	395.2				
11/18/2017	08:50:06	410	6.5	13.42	398.4				
11/18/2017	08:50:36	401	6.5	13.45	401.7				
11/18/2017	08:51:06	421	6.5	13.48	404.9				
11/18/2017	08:51:36	110	2.1	13.44	407.7				
11/18/2017	08:52:06	109	2.1	13.42	408.7				
11/18/2017	08:52:36	104	2.1	13.42	409.8				
11/18/2017	08:53:06	101	2.1	13.35	410.8				
11/18/2017	08:53:36	101	2.1	13.32	411.9				
11/18/2017	08:54:06	100	2.1	13.33	412.9				
11/18/2017	08:54:36	102	2.1	13.33	413.9				
11/18/2017	08:55:06	101	2.1	13.35	415.0				
11/18/2017	08:55:36	162	3.1	13.37	416.1				
11/18/2017	08:56:06	167	3.3	13.36	417.7				
11/18/2017	08:56:36	396	6.5	13.37	420.5				
11/18/2017	08:57:06	390	6.5	13.37	423.7				
11/18/2017	08:57:36	388	6.5	13.37	426.9				
11/18/2017	08:58:06	392	6.5	13.38	430.2				
11/18/2017	08:58:36	408	6.4	13.38	433.4				
11/18/2017	08:59:06	398	6.5	13.37	436.6				
11/18/2017	08:59:36	397	6.5	13.39	439.9				
11/18/2017	09:00:06	400	6.5	13.37	443.1				
11/18/2017	09:00:36	109	5.7	13.38	446.3				
11/18/2017	09:00:55	111	2.1	13.37	447.1	770 SACKS 1.66FT3/SK			
11/18/2017	09:01:06	122	2.4	13.37	447.5				
11/18/2017	09:01:11	122	2.5	13.37	447.7	End Tail Slurry			

Well			Field		Job Start		Customer		Job Number	
BUROUGH 1NE-17HZ			WATTENBERG		Nov/18/2017		Anadarko		2605049	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
11/18/2017	09:02:06	123	2.6	13.33	450.0					
11/18/2017	09:02:36	108	2.2	13.51	451.3					
11/18/2017	09:03:06	116	2.2	13.56	452.4					
11/18/2017	09:03:36	114	2.0	13.56	453.5					
11/18/2017	09:04:06	89	1.4	13.56	454.3					
11/18/2017	09:04:36	124	2.7	13.56	455.8					
11/18/2017	09:04:52	107	2.1	13.56	456.5	End Cement Slurry				
11/18/2017	09:04:53	107	2.0	13.56	456.5	Reset Total, Vol = 229.97 bbl				
11/18/2017	09:04:55	49	1.8	13.56	456.6	WASH LINES				
11/18/2017	09:05:06	32	0.0	13.20	456.6					
11/18/2017	09:05:36	33	0.0	0.00	456.6					
11/18/2017	09:06:06	43	0.0	0.00	456.6					
11/18/2017	09:06:36	51	0.0	0.00	456.6					
11/18/2017	09:07:06	91	2.1	0.00	457.2					
11/18/2017	09:07:36	89	2.5	0.00	458.5					
11/18/2017	09:08:06	89	2.5	0.00	459.7					
11/18/2017	09:08:36	42	1.3	0.00	460.8					
11/18/2017	09:09:06	26	0.6	0.00	461.2					
11/18/2017	09:09:36	24	0.1	0.00	461.4					
11/18/2017	09:10:06	76	1.9	0.00	461.7					
11/18/2017	09:10:36	83	2.4	0.00	462.7					
11/18/2017	09:11:06	67	2.6	0.00	463.8					
11/18/2017	09:11:36	22	0.0	0.00	464.1					
11/18/2017	09:12:06	24	0.0	0.00	464.1					
11/18/2017	09:12:36	200	2.5	0.00	464.2					
11/18/2017	09:13:06	240	4.3	0.00	466.2					
11/18/2017	09:13:36	23	0.1	0.00	467.9					
11/18/2017	09:14:06	57	1.6	0.00	468.9					
11/18/2017	09:14:36	200	4.2	0.00	470.8					
11/18/2017	09:15:06	17	0.0	0.00	471.2					
11/18/2017	09:15:36	21	0.0	0.00	471.2					
11/18/2017	09:16:06	21	0.0	0.00	471.2					
11/18/2017	09:16:36	21	1.2	0.00	471.3					
11/18/2017	09:17:06	111	5.2	0.00	473.0					
11/18/2017	09:17:36	109	5.1	0.00	475.4					
11/18/2017	09:18:06	118	5.1	0.00	477.9					
11/18/2017	09:18:36	112	5.1	0.00	480.5					
11/18/2017	09:19:06	258	8.3	0.00	484.3					
11/18/2017	09:19:36	266	8.6	0.00	488.6					
11/18/2017	09:19:40	259	8.6	0.00	489.2	Reset Total, Vol = 32.53 bbl				
11/18/2017	09:19:43	259	8.6	0.00	489.6	Drop Top Plug				
11/18/2017	09:19:45	264	8.6	0.00	489.9	Start Displacement				
11/18/2017	09:20:06	264	8.6	0.00	492.9					
11/18/2017	09:20:36	275	8.6	0.00	497.2					
11/18/2017	09:21:06	274	8.6	0.00	501.5					
11/18/2017	09:21:36	264	8.6	0.00	505.8					
11/18/2017	09:22:06	268	8.6	0.00	510.1					
11/18/2017	09:22:36	277	8.6	0.00	514.4					
11/18/2017	09:23:06	278	8.6	0.00	518.7					
11/18/2017	09:23:36	251	8.5	0.00	523.0					
11/18/2017	09:24:06	791	8.5	0.00	527.3					
11/18/2017	09:24:36	839	8.5	0.00	531.5					
11/18/2017	09:25:06	871	8.5	0.00	535.8					
11/18/2017	09:25:36	913	8.4	0.00	540.0					

Well			Field	Job Start		Customer		Job Number	
BUROUGH 1NE-17HZ			WATTENBERG		Nov/18/2017		Anadarko		2605049
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
11/18/2017	09:26:36	1006	8.5	0.00	548.4				
11/18/2017	09:27:06	1059	8.5	0.00	552.7				
11/18/2017	09:27:36	1132	8.5	0.00	557.0				
11/18/2017	09:28:06	1186	8.5	0.00	561.2				
11/18/2017	09:28:36	1235	8.5	0.00	565.5				
11/18/2017	09:29:06	1299	8.5	0.00	569.7				
11/18/2017	09:29:36	1354	8.5	0.00	574.0				
11/18/2017	09:30:06	1407	8.5	0.00	578.2				
11/18/2017	09:30:36	1462	8.5	0.00	582.4				
11/18/2017	09:31:06	1525	8.5	0.00	586.7				
11/18/2017	09:31:36	1590	8.5	0.00	590.9				
11/18/2017	09:32:06	1642	8.5	0.00	595.1				
11/18/2017	09:32:36	1709	8.4	0.00	599.4				
11/18/2017	09:33:06	1779	8.4	0.00	603.6				
11/18/2017	09:33:36	1845	8.4	0.00	607.8				
11/18/2017	09:34:06	1908	8.4	0.00	612.0				
11/18/2017	09:34:36	1966	8.4	0.00	616.2				
11/18/2017	09:35:06	2034	8.4	0.00	620.4				
11/18/2017	09:35:36	2092	8.4	0.00	624.6				
11/18/2017	09:36:06	2159	8.4	0.00	628.8				
11/18/2017	09:36:36	2221	8.4	0.00	633.0				
11/18/2017	09:37:06	2272	8.4	0.00	637.2				
11/18/2017	09:37:36	2335	8.4	0.00	641.3				
11/18/2017	09:38:06	2400	8.4	0.00	645.5				
11/18/2017	09:38:36	2447	8.4	0.00	649.7				
11/18/2017	09:39:06	2483	8.4	0.00	653.9				
11/18/2017	09:39:36	2537	8.4	0.00	658.1				
11/18/2017	09:40:06	2574	8.4	0.00	662.3				
11/18/2017	09:40:36	2608	8.3	0.00	666.4				
11/18/2017	09:41:06	2628	8.3	0.00	670.6				
11/18/2017	09:41:36	2659	8.3	0.00	674.8				
11/18/2017	09:42:06	2675	8.3	0.00	679.0				
11/18/2017	09:42:36	2680	8.3	0.00	683.1				
11/18/2017	09:43:06	2713	8.3	0.00	687.3				
11/18/2017	09:43:36	2732	8.3	0.00	691.5				
11/18/2017	09:44:06	2729	8.3	0.00	695.6				
11/18/2017	09:44:36	2755	8.3	0.00	699.8				
11/18/2017	09:45:06	2770	8.3	0.00	703.9				
11/18/2017	09:45:36	2796	8.3	0.00	708.1				
11/18/2017	09:46:06	2830	8.3	0.00	712.3				
11/18/2017	09:46:36	2842	8.3	0.00	716.4				
11/18/2017	09:47:06	2863	8.3	0.00	720.6				
11/18/2017	09:47:36	2882	8.3	0.00	724.7				
11/18/2017	09:48:06	2919	8.3	0.00	728.9				
11/18/2017	09:48:36	2945	8.3	0.00	733.0				
11/18/2017	09:49:06	2969	8.3	0.00	737.2				
11/18/2017	09:49:36	2994	8.3	0.00	741.4				
11/18/2017	09:50:06	3008	8.3	0.00	745.5				
11/18/2017	09:50:36	3019	8.3	0.00	749.7				
11/18/2017	09:51:06	3037	8.3	0.00	753.8				
11/18/2017	09:51:36	3069	8.3	0.00	758.0				
11/18/2017	09:52:06	3092	8.3	0.00	762.1				
11/18/2017	09:52:36	3118	8.3	0.00	766.3				
11/18/2017	09:53:06	3127	8.3	0.00	770.4				

Well			Field	Job Start		Customer		Job Number	
BUROUGH 1NE-17HZ			WATTENBERG		Nov/18/2017		Anadarko		2605049
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
11/18/2017	09:54:06	2444	4.3	0.00	776.5				
11/18/2017	09:54:36	2353	3.6	0.00	778.5				
11/18/2017	09:55:00	2370	3.6	0.00	779.9	Reset Total, Vol = 303.89 bbl			
11/18/2017	09:55:06	2351	3.6	0.00	780.3				
11/18/2017	09:55:36	2363	3.6	0.00	782.1				
11/18/2017	09:56:06	2405	3.6	0.00	783.9				
11/18/2017	09:56:36	2881	0.0	0.00	785.2				
11/18/2017	09:57:06	2977	0.0	0.00	785.2				
11/18/2017	09:57:36	2955	0.0	0.00	785.2				
11/18/2017	09:57:38	3006	0.0	0.00	785.2	End Displacement			
11/18/2017	09:57:40	3055	0.0	0.00	785.2	Drop Bottom Plug			
11/18/2017	09:57:42	2969	0.0	0.00	785.2	PRESSURE TEST CASING			
11/18/2017	09:58:06	3008	0.0	0.00	785.2				
11/18/2017	09:58:36	2999	0.0	0.00	785.2				
11/18/2017	09:59:06	3033	0.0	0.00	785.2				
11/18/2017	09:59:36	3032	0.0	0.00	785.2				
11/18/2017	10:00:06	3065	0.0	0.00	785.2				
11/18/2017	10:00:36	3063	0.0	0.00	785.2				
11/18/2017	10:01:06	3087	0.0	0.00	785.2				
11/18/2017	10:01:36	3092	0.0	0.00	785.2				
11/18/2017	10:02:06	3112	0.0	0.00	785.2				
11/18/2017	10:02:36	3120	0.0	0.00	785.2				
11/18/2017	10:03:06	3136	0.0	0.00	785.2				
11/18/2017	10:03:36	3148	0.0	0.00	785.2				
11/18/2017	10:04:06	3159	0.0	0.00	785.2				
11/18/2017	10:04:36	3171	0.0	0.00	785.2				
11/18/2017	10:05:06	3183	0.0	0.00	785.2				
11/18/2017	10:05:36	3194	0.0	0.00	785.2				
11/18/2017	10:06:06	3204	0.0	0.00	785.2				
11/18/2017	10:06:36	3215	0.0	0.00	785.2				
11/18/2017	10:07:06	3224	0.0	0.00	785.2				
11/18/2017	10:07:36	3238	0.0	0.00	785.2				
11/18/2017	10:08:06	3247	0.0	0.00	785.2				
11/18/2017	10:08:36	3258	0.0	0.00	785.2				
11/18/2017	10:09:06	3268	0.0	0.00	785.2				
11/18/2017	10:09:36	3279	0.0	0.00	785.2				
11/18/2017	10:10:06	3289	0.0	0.00	785.2				
11/18/2017	10:10:36	3301	0.0	0.00	785.2				
11/18/2017	10:11:06	3311	0.0	0.00	785.2				
11/18/2017	10:11:36	2773	0.0	0.00	785.2				
11/18/2017	10:11:53	2016	0.0	0.00	785.2	OPEN TOOL			
11/18/2017	10:12:06	1464	0.0	0.00	785.2				
11/18/2017	10:12:36	23	0.0	0.00	785.2				
11/18/2017	10:13:06	23	0.0	0.00	785.2				
11/18/2017	10:13:36	22	0.0	0.00	785.2				
11/18/2017	10:14:06	33	0.0	0.00	785.2				
11/18/2017	10:14:36	209	1.0	0.00	785.3				
11/18/2017	10:15:06	1060	2.5	0.00	786.3				
11/18/2017	10:15:36	2252	2.5	0.00	787.5				
11/18/2017	10:16:06	3271	2.5	0.00	788.8				
11/18/2017	10:16:36	4541	2.4	0.00	790.0				
11/18/2017	10:17:06	2205	1.1	0.00	790.2				
11/18/2017	10:17:36	2326	2.0	0.00	791.2				
11/18/2017	10:18:06	2291	2.0	0.00	792.2				

Well BUROUGH 1NE-17HZ			Field WATTENBERG		Job Start Nov/18/2017		Customer Anadarko		Job Number 2605049	
Date	Time 24-hr clock	Treating Pressure PSI		Flow Rate B/M	Density LB/G	Volume BBL		Message		
11/18/2017	10:19:06	2012		0.0	0.00	793.1				

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl							
Slurry 5.2	N2	Mud	Maximum Rate 15.6	Total Slurry 376.0	Mud 0.0	Spacer 70.1	N2					
Treating Pressure Summary, psi					Breakdown Fluid							
Maximum 5193	Final 1992	Average 957	Bump Plug to 3000	Breakdown	Type	Volume bbl	Density lb/gal					
Avg. N2 Percent %	Designed Slurry Volume 375.0 bbl	Displacement 303.0 bbl	Mix Water Temp 63 degF	Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl						
				Washed Thru Perfs <input type="checkbox"/>		To ft						
Customer or Authorized Representative			Schlumberger Supervisor NORM HASLAUER			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>					
						-	-					