

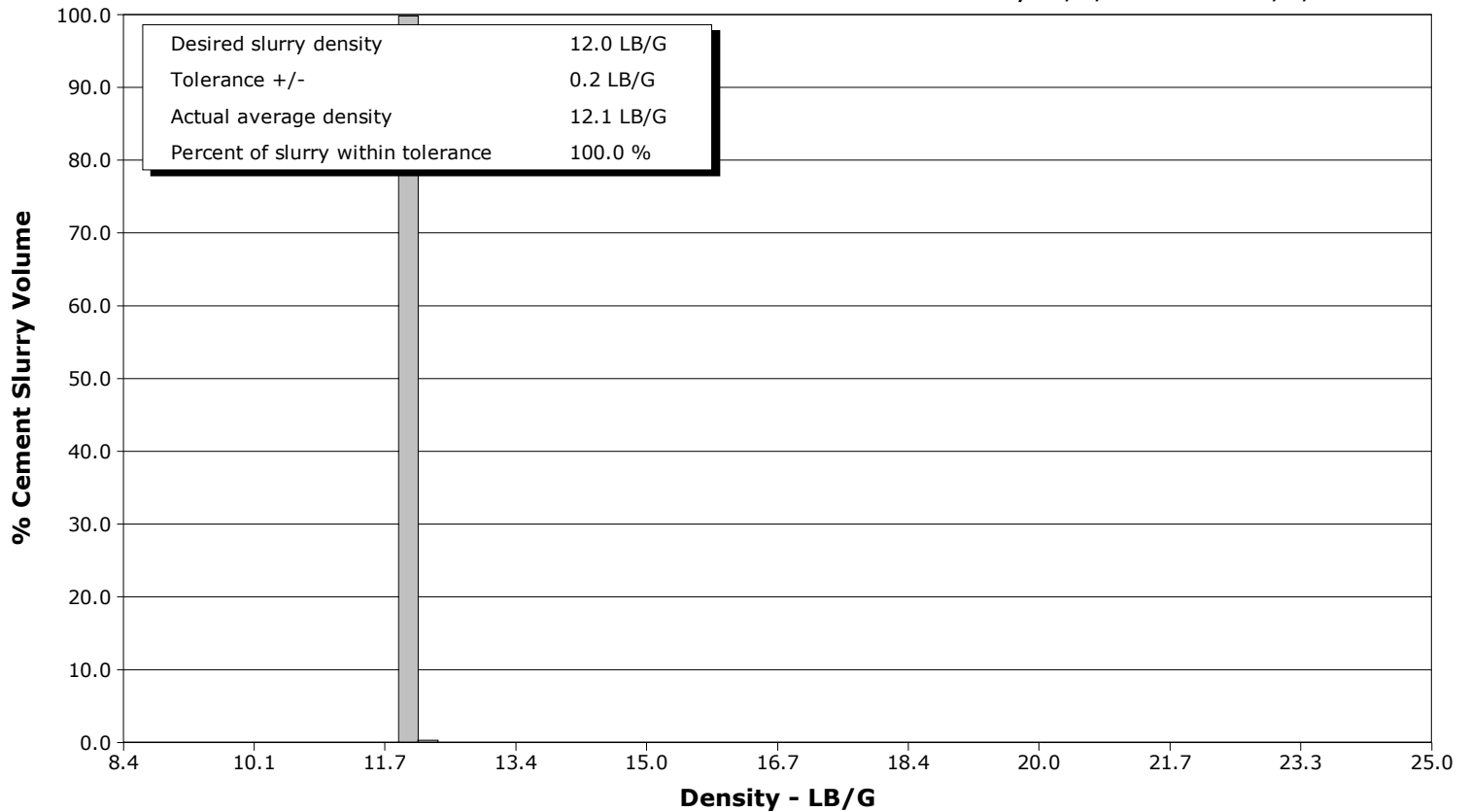
Well	Land 14N-32HZ	Client	Anadarko
Field	Wattenberg	SIR No.	DMBW-00210
Engineer	Ryan Drilling/Matt Leiker	Job Type	5.5" Production
Country	United States	Job Date	07-12-2016



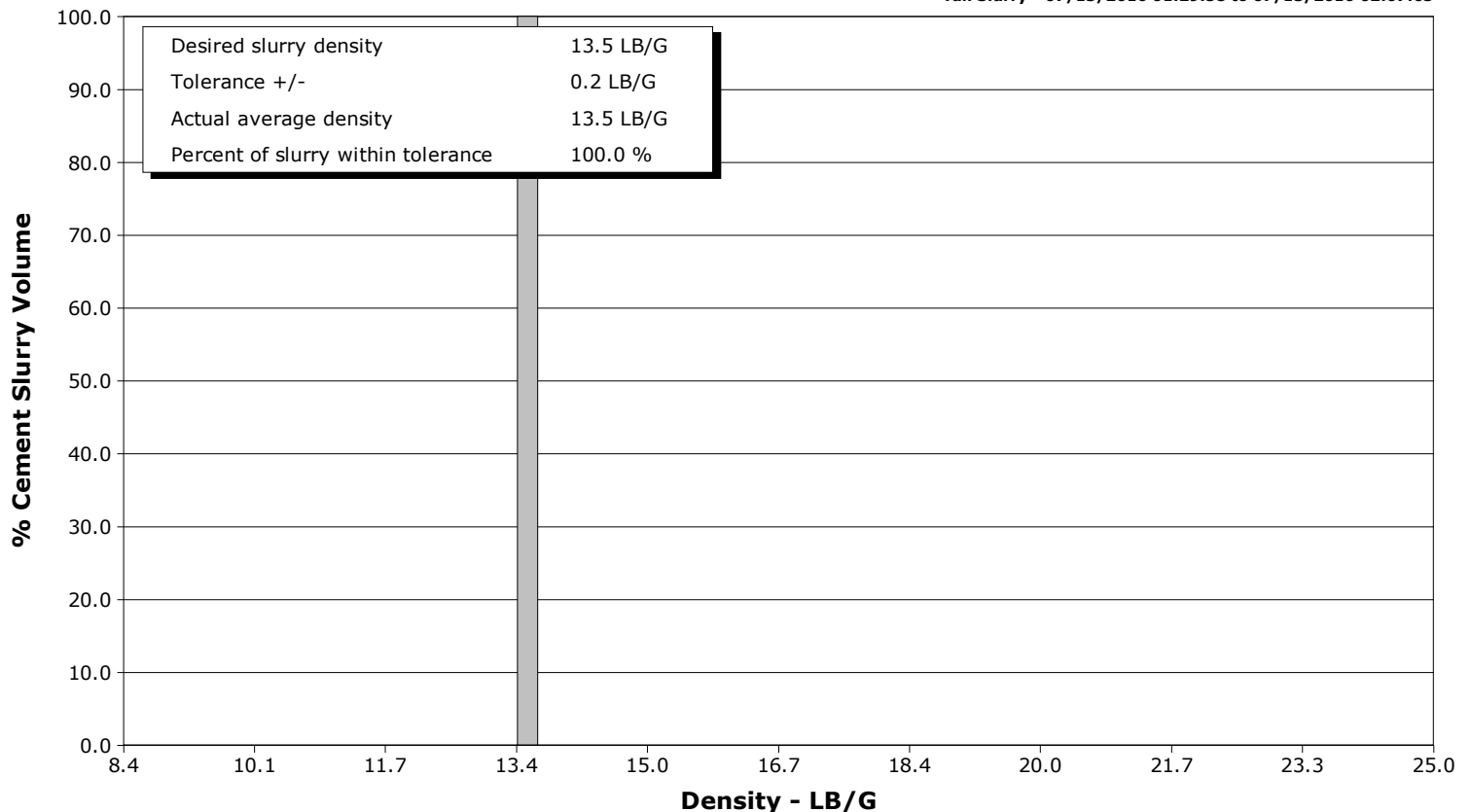
Well Land 14N-32HZ
Field Wattenberg
Engineer Ryan Drilling/Matt Leiker
Country United States

Client Anadarko
SIR No. DMBW-00210
Job Type 5.5" Production
Job Date 07-12-2016

Lead Slurry - 07/13/2016 01:01:15 to 07/13/2016 01:27:23



Tail Slurry - 07/13/2016 01:29:58 to 07/13/2016 02:07:05



Cementing Service Report

				Customer Anadarko				Job Number DMBW-00210			
Well Land 14N-32HZ			Location (legal) CWY			Schlumberger Location Rock Springs			Job Start Jul/12/2016		
Field Wattenberg		Formation Name/Type shale		Deviation 90 deg		Bit Size 7.9 in		Well MD 12916.9 ft		Well TVD 7232.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 227 degF		BHCT 226 degF		Pore Press. Gradient lb/gal	
Well Master 0631662993		API/UWI									
Rig Name Precision 461		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		1857.0		9.6		36.0	
						12916.7		5.5		17.0	
										j55	
										p110	
										lrc	
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 5.5" 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		ft		ft	
						ft		ft		Diameter	
						ft		ft		in	
						Treat Down Casing		Displacement 298.1 bbl		Packer Type	
										Packer Depth	
										ft	
						Tubing Vol. bbl		Casing Vol. bbl		Annular Vol. 89.0 bbl	
										Openhole Vol. 341.0 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 2500 psi						Shoe Type Float		Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 12916.9 ft		Tool Type			
No. Centralizers		Top Plugs 1		Bottom Plugs 1		Stage Tool Type		Tool Depth ft			
Cement Head Type Double						Stage Tool Depth ft		Tail Pipe Size in			
Job Scheduled For Jul/12/2016 19:30		Arrived on Location Jul/12/2016 19:30		Leave Location Jul/12/2016 04:30		Collar Type Float		Tail Pipe Depth ft			
						Collar Depth 12824.5 ft		Sqz. Total Vol. bbl			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
07/13/2016	00:16:23	0	0.0	8.30	0.0	Stopped Acquisition					
07/13/2016	00:16:53	-0	0.0	8.30	0.0						
07/13/2016	00:17:23	0	0.0	8.30	0.0						
07/13/2016	00:17:53	-3	0.0	8.30	0.0						
07/13/2016	00:18:23	-3	0.0	8.30	0.0						
07/13/2016	00:20:23	26	0.0	8.30	0.0						
07/13/2016	00:20:53	-1	0.0	8.30	0.0						
07/13/2016	00:25:31	1	0.0	8.30	0.0	Start Job					
07/13/2016	00:25:34	1	0.0	8.30	0.0	Held JSA					
07/13/2016	00:25:35	1	0.0	8.30	0.0	Start Pumping Water					
07/13/2016	00:25:36	1	0.0	8.30	0.0	Pressure Test Lines					
07/13/2016	00:25:53	2	0.0	8.30	0.0						
07/13/2016	00:26:23	3	0.0	8.30	0.0						
07/13/2016	00:26:24	3	0.0	8.30	0.0	Water Sample Taken					
07/13/2016	00:26:53	116	0.2	8.28	0.1						
07/13/2016	00:27:23	574	2.3	8.30	1.0						
07/13/2016	00:27:53	477	2.3	8.30	2.1						
07/13/2016	00:28:23	288	0.1	8.30	3.1						
07/13/2016	00:28:53	284	0.0	8.31	3.1						
07/13/2016	00:29:23	1368	0.0	8.30	3.1						
07/13/2016	00:29:53	1340	0.0	8.30	3.1						

Well			Field	Job Start		Customer		Job Number
Land 14N-32HZ			Wattenberg	Jul/12/2016		Anadarko		DMBW-00210
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
07/13/2016	00:30:53	4772	0.0	8.31	3.1			
07/13/2016	00:31:23	4745	0.0	8.30	3.1			
07/13/2016	00:31:53	4727	0.0	8.30	3.1			
07/13/2016	00:32:23	4301	0.0	8.31	3.1			
07/13/2016	00:32:53	0	0.0	8.30	3.1			
07/13/2016	00:33:23	-0	0.0	8.30	3.1			
07/13/2016	00:33:51	29	0.0	8.30	3.1	End Water		
07/13/2016	00:33:52	29	0.0	8.31	3.1	Reset Total, Vol = 3.08 bbl		
07/13/2016	00:33:53	30	0.0	8.31	0.0			
07/13/2016	00:33:57	29	0.0	8.30	0.0	Start Pumping CemPRIME SCRUB Spacer		
07/13/2016	00:34:23	27	0.0	8.30	0.0			
07/13/2016	00:34:53	27	0.0	8.30	0.0			
07/13/2016	00:35:23	26	0.0	8.30	0.0			
07/13/2016	00:35:53	28	0.0	8.30	0.0			
07/13/2016	00:36:23	29	0.0	8.30	0.0			
07/13/2016	00:36:53	79	0.3	8.31	0.0			
07/13/2016	00:37:23	682	3.2	10.13	0.7			
07/13/2016	00:37:53	740	4.5	10.76	2.4			
07/13/2016	00:38:23	721	4.6	10.80	4.7			
07/13/2016	00:38:53	723	4.6	10.91	7.1			
07/13/2016	00:39:23	713	4.6	10.96	9.4			
07/13/2016	00:39:53	720	4.6	10.97	11.7			
07/13/2016	00:40:23	564	3.3	10.93	13.8			
07/13/2016	00:40:53	582	3.2	10.89	15.4			
07/13/2016	00:41:23	614	3.2	10.84	17.0			
07/13/2016	00:41:53	783	2.4	10.82	18.5			
07/13/2016	00:42:23	518	1.4	10.89	19.3			
07/13/2016	00:42:53	493	1.4	10.93	20.0			
07/13/2016	00:43:23	505	1.4	10.95	20.7			
07/13/2016	00:43:53	295	1.3	10.99	21.4			
07/13/2016	00:44:23	476	1.3	11.01	22.1			
07/13/2016	00:44:53	557	1.3	11.02	22.7			
07/13/2016	00:45:23	411	1.1	11.03	23.3			
07/13/2016	00:45:53	196	1.0	11.02	23.8			
07/13/2016	00:46:23	409	1.0	10.99	24.3			
07/13/2016	00:46:53	374	1.0	10.95	24.9			
07/13/2016	00:47:23	598	2.9	10.92	26.0			
07/13/2016	00:47:53	596	2.8	10.91	27.5			
07/13/2016	00:48:23	626	2.8	10.96	28.9			
07/13/2016	00:48:53	403	2.9	10.99	30.3			
07/13/2016	00:49:23	578	2.9	11.03	31.7			
07/13/2016	00:49:53	563	2.8	11.07	33.1			
07/13/2016	00:50:23	723	4.6	11.08	34.9			
07/13/2016	00:50:53	657	4.6	11.07	37.2			
07/13/2016	00:51:23	659	4.6	11.06	39.5			
07/13/2016	00:51:53	663	4.6	11.07	41.9			
07/13/2016	00:52:23	667	4.6	11.06	44.2			
07/13/2016	00:52:53	664	4.7	11.03	46.5			
07/13/2016	00:53:23	618	4.6	11.00	48.8			
07/13/2016	00:53:53	625	4.6	10.93	51.1			
07/13/2016	00:54:23	590	4.6	10.86	53.5			
07/13/2016	00:54:53	593	4.7	10.92	55.8			
07/13/2016	00:55:23	155	0.3	12.02	57.7			
07/13/2016	00:55:33	140	0.0	11.94	57.7	End Spacer		

Well			Field	Job Start		Customer	Job Number
Land 14N-32HZ			Wattenberg	Jul/12/2016		Anadarko	DMBW-00210
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
07/13/2016	00:55:39	140	0.0	11.97	0.0	Drop Bottom Plug	
07/13/2016	00:55:53	148	0.0	11.93	0.0		
07/13/2016	00:56:23	169	0.0	10.96	0.0		
07/13/2016	00:56:53	205	0.0	10.95	0.0		
07/13/2016	00:57:23	217	0.0	10.95	0.0		
07/13/2016	00:57:53	218	0.0	10.95	0.0		
07/13/2016	00:58:23	227	0.0	10.94	0.0		
07/13/2016	00:58:53	234	0.0	10.94	0.0		
07/13/2016	00:59:23	236	0.0	10.94	0.0		
07/13/2016	00:59:53	245	0.0	10.94	0.0		
07/13/2016	01:00:23	582	2.9	11.66	0.5		
07/13/2016	01:00:53	605	3.2	11.96	2.1		
07/13/2016	01:01:15	711	3.9	12.01	3.3	Start Mixing Lead Slurry	
07/13/2016	01:01:18	733	4.3	12.02	3.5	Wet and Dry Sample Taken	
07/13/2016	01:01:23	770	4.6	12.03	3.9		
07/13/2016	01:01:53	718	4.6	12.08	6.2		
07/13/2016	01:02:23	738	4.6	12.08	8.5		
07/13/2016	01:02:53	890	5.5	12.07	11.3		
07/13/2016	01:03:23	1152	5.2	12.10	13.9		
07/13/2016	01:03:53	699	4.1	12.14	16.1		
07/13/2016	01:04:23	777	4.3	12.13	18.2		
07/13/2016	01:04:53	939	6.2	12.06	21.2		
07/13/2016	01:05:23	877	6.2	12.06	24.3		
07/13/2016	01:05:53	904	6.2	12.07	27.4		
07/13/2016	01:06:23	896	6.2	12.07	30.6		
07/13/2016	01:06:53	854	6.3	12.07	33.7		
07/13/2016	01:07:23	869	6.2	12.08	36.8		
07/13/2016	01:07:53	870	6.2	12.07	39.9		
07/13/2016	01:08:23	799	6.2	12.08	43.0		
07/13/2016	01:08:53	849	6.2	12.07	46.1		
07/13/2016	01:09:23	764	6.2	12.05	49.2		
07/13/2016	01:09:53	794	6.2	12.03	52.3		
07/13/2016	01:10:23	776	6.2	12.04	55.5		
07/13/2016	01:10:53	750	6.2	12.05	58.6		
07/13/2016	01:11:23	777	6.2	12.07	61.7		
07/13/2016	01:11:53	756	6.2	12.08	64.8		
07/13/2016	01:12:23	724	6.2	12.09	67.9		
07/13/2016	01:12:53	747	6.2	12.09	71.1		
07/13/2016	01:13:23	746	6.2	12.06	74.2		
07/13/2016	01:13:53	668	6.3	12.04	77.3		
07/13/2016	01:14:23	687	6.2	12.04	80.4		
07/13/2016	01:14:53	674	6.3	12.06	83.5		
07/13/2016	01:15:23	663	6.2	12.07	86.7		
07/13/2016	01:15:53	638	6.2	12.08	89.8		
07/13/2016	01:16:23	652	6.2	12.10	92.9		
07/13/2016	01:16:53	602	6.2	12.10	96.0		
07/13/2016	01:17:23	595	6.2	12.09	99.1		
07/13/2016	01:17:53	548	6.2	12.07	102.3		
07/13/2016	01:18:23	490	6.2	12.05	105.4		
07/13/2016	01:18:53	511	6.2	12.04	108.5		
07/13/2016	01:19:23	439	6.2	12.03	111.6		
07/13/2016	01:19:53	427	6.3	12.01	114.7		
07/13/2016	01:20:23	450	6.2	12.05	117.9		
07/13/2016	01:20:53	427	6.2	12.08	121.0		

Well			Field	Job Start		Customer	Job Number
Land 14N-32HZ			Wattenberg	Jul/12/2016		Anadarko	DMBW-00210
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
07/13/2016	01:21:53	391	6.3	12.10	127.2		
07/13/2016	01:22:23	429	6.3	12.08	130.4		
07/13/2016	01:22:53	445	6.2	12.07	133.5		
07/13/2016	01:23:23	411	6.2	12.06	136.6		
07/13/2016	01:23:53	413	6.3	12.03	139.7		
07/13/2016	01:24:23	162	3.2	12.03	142.5		
07/13/2016	01:24:53	137	3.1	12.03	144.0		
07/13/2016	01:25:23	160	3.1	12.03	145.6		
07/13/2016	01:25:53	146	3.1	12.03	147.2		
07/13/2016	01:26:23	169	3.2	12.03	148.8		
07/13/2016	01:26:53	157	3.2	12.03	150.3		
07/13/2016	01:27:23	124	3.1	12.03	151.9	End Lead Slurry	
07/13/2016	01:27:53	118	3.2	12.50	1.6		
07/13/2016	01:28:23	144	3.1	13.36	3.1		
07/13/2016	01:28:53	210	3.0	13.41	4.7		
07/13/2016	01:29:23	157	3.1	13.48	6.2		
07/13/2016	01:29:53	196	2.9	13.57	7.7		
07/13/2016	01:29:58	168	3.0	13.57	8.0	Start Mixing Tail Slurry	
07/13/2016	01:29:59	144	3.0	13.57	8.0	Wet and Dry Sample Taken	
07/13/2016	01:30:00	144	3.0	13.57	8.1	Good Returns	
07/13/2016	01:30:23	417	4.3	13.57	9.5		
07/13/2016	01:30:53	490	5.9	13.56	12.1		
07/13/2016	01:31:23	430	5.9	13.54	15.1		
07/13/2016	01:31:53	466	5.9	13.53	18.0		
07/13/2016	01:32:23	484	5.9	13.54	21.0		
07/13/2016	01:32:53	472	5.9	13.53	23.9		
07/13/2016	01:33:23	481	5.9	13.50	26.9		
07/13/2016	01:33:53	503	5.9	13.50	29.9		
07/13/2016	01:34:23	476	5.9	13.50	32.8		
07/13/2016	01:34:53	488	5.9	13.53	35.8		
07/13/2016	01:35:23	502	5.9	13.55	38.8		
07/13/2016	01:35:53	462	6.0	13.56	41.7		
07/13/2016	01:36:23	492	6.0	13.57	44.7		
07/13/2016	01:36:53	471	5.9	13.57	47.7		
07/13/2016	01:37:23	475	5.9	13.56	50.6		
07/13/2016	01:37:53	510	5.9	13.55	53.6		
07/13/2016	01:38:23	490	5.9	13.54	56.6		
07/13/2016	01:38:53	492	5.9	13.53	59.5		
07/13/2016	01:39:23	480	5.9	13.53	62.5		
07/13/2016	01:39:53	483	5.9	13.54	65.5		
07/13/2016	01:40:23	492	5.9	13.55	68.4		
07/13/2016	01:40:53	476	5.9	13.55	71.4		
07/13/2016	01:41:23	497	5.9	13.56	74.3		
07/13/2016	01:41:53	523	5.9	13.54	77.3		
07/13/2016	01:42:23	464	5.9	13.54	80.2		
07/13/2016	01:42:53	489	5.9	13.55	83.2		
07/13/2016	01:43:23	490	5.9	13.55	86.2		
07/13/2016	01:43:53	499	5.9	13.56	89.1		
07/13/2016	01:44:23	481	5.9	13.56	92.1		
07/13/2016	01:44:53	505	5.9	13.55	95.0		
07/13/2016	01:45:23	524	5.9	13.55	98.0		
07/13/2016	01:45:53	478	5.9	13.53	100.9		
07/13/2016	01:46:23	475	5.9	13.52	103.9		
07/13/2016	01:46:53	489	5.9	13.51	106.8		

Well			Field	Job Start		Customer		Job Number	
Land 14N-32HZ			Wattenberg		Jul/12/2016		Anadarko		DMBW-00210
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
07/13/2016	01:47:53	489	5.9	13.52	112.7				
07/13/2016	01:48:23	496	5.9	13.47	115.7				
07/13/2016	01:48:53	482	5.9	13.46	118.6				
07/13/2016	01:49:23	470	5.9	13.47	121.6				
07/13/2016	01:49:53	479	5.9	13.52	124.6				
07/13/2016	01:50:23	503	5.9	13.54	127.5				
07/13/2016	01:50:53	480	5.9	13.52	130.5				
07/13/2016	01:51:23	476	5.9	13.49	133.4				
07/13/2016	01:51:53	506	5.9	13.50	136.4				
07/13/2016	01:52:23	449	5.9	13.50	139.3				
07/13/2016	01:52:53	448	5.9	13.51	142.3				
07/13/2016	01:53:23	471	5.9	13.52	145.3				
07/13/2016	01:53:53	474	5.9	13.52	148.2				
07/13/2016	01:54:23	472	5.9	13.52	151.2				
07/13/2016	01:54:53	446	5.9	13.52	154.1				
07/13/2016	01:55:23	459	5.9	13.54	157.1				
07/13/2016	01:55:53	472	5.9	13.55	160.0				
07/13/2016	01:56:23	459	5.9	13.55	163.0				
07/13/2016	01:56:53	476	5.9	13.55	165.9				
07/13/2016	01:57:23	476	5.9	13.55	168.9				
07/13/2016	01:57:53	508	5.9	13.55	171.8				
07/13/2016	01:58:23	459	5.9	13.56	174.8				
07/13/2016	01:58:53	459	5.9	13.56	177.7				
07/13/2016	01:59:23	491	5.9	13.56	180.7				
07/13/2016	01:59:53	461	5.9	13.56	183.6				
07/13/2016	02:00:23	456	5.9	13.56	186.6				
07/13/2016	02:00:53	482	5.9	13.57	189.5				
07/13/2016	02:01:23	512	5.9	13.57	192.5				
07/13/2016	02:01:53	477	5.9	13.57	195.4				
07/13/2016	02:02:23	460	5.9	13.57	198.4				
07/13/2016	02:02:53	479	5.9	13.58	201.4				
07/13/2016	02:03:23	466	5.9	13.58	204.3				
07/13/2016	02:03:53	459	5.9	13.59	207.3				
07/13/2016	02:04:23	470	5.9	13.58	210.2				
07/13/2016	02:04:53	484	5.9	13.57	213.2				
07/13/2016	02:05:23	512	5.9	13.57	216.1				
07/13/2016	02:05:53	492	5.9	13.57	219.1				
07/13/2016	02:06:23	460	5.9	13.58	222.0				
07/13/2016	02:06:53	490	5.9	13.58	225.0				
07/13/2016	02:07:05	443	5.9	13.58	226.1	End Tail Slurry			
07/13/2016	02:07:23	451	5.9	13.58	227.9				
07/13/2016	02:07:26	449	5.9	13.58	228.2	Reset Total, Vol = 227 bbl			
07/13/2016	02:07:49	118	3.4	13.66	2.2	Washup Pump			
07/13/2016	02:07:53	33	1.1	13.66	2.4				
07/13/2016	02:08:23	9	0.0	13.64	2.4				
07/13/2016	02:08:53	7	0.0	13.64	2.4				
07/13/2016	02:09:23	7	0.0	13.64	2.4				
07/13/2016	02:09:53	7	0.0	13.63	2.4				
07/13/2016	02:10:23	7	0.0	13.63	2.4				
07/13/2016	02:10:53	7	0.0	13.63	2.4				
07/13/2016	02:11:23	7	0.0	13.63	2.4				
07/13/2016	02:11:53	7	0.0	13.63	2.4				
07/13/2016	02:12:23	7	0.0	13.60	2.4				
07/13/2016	02:12:53	7	0.0	13.59	2.4				

Well			Field	Job Start		Customer		Job Number	
Land 14N-32HZ			Wattenberg		Jul/12/2016		Anadarko		DMBW-00210
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
07/13/2016	02:13:53	6	0.0	13.43	2.4				
07/13/2016	02:14:23	30	0.0	13.40	2.4				
07/13/2016	02:14:53	106	0.4	8.57	2.7				
07/13/2016	02:15:23	146	3.3	9.29	3.8				
07/13/2016	02:15:53	146	3.3	9.12	5.5				
07/13/2016	02:16:23	153	3.3	8.89	7.1				
07/13/2016	02:16:53	142	3.3	9.07	8.8				
07/13/2016	02:17:23	134	3.3	9.04	10.4				
07/13/2016	02:17:53	157	3.3	8.48	12.1				
07/13/2016	02:18:23	161	4.0	7.81	13.8				
07/13/2016	02:18:53	34	0.0	-0.04	14.5				
07/13/2016	02:19:23	39	1.9	1.46	14.7				
07/13/2016	02:19:53	22	0.0	0.49	14.9				
07/13/2016	02:20:23	139	3.4	8.83	16.6				
07/13/2016	02:20:53	133	3.3	8.97	18.3				
07/13/2016	02:21:23	146	3.3	8.67	19.9				
07/13/2016	02:21:53	137	3.3	8.38	21.6				
07/13/2016	02:22:23	125	3.3	8.37	23.2				
07/13/2016	02:22:53	125	3.3	8.37	24.9				
07/13/2016	02:23:23	-3	0.0	8.34	25.3				
07/13/2016	02:23:53	-6	0.0	8.34	25.3				
07/13/2016	02:24:23	-6	0.0	8.34	25.3				
07/13/2016	02:24:53	-6	0.0	8.33	25.3				
07/13/2016	02:25:23	-6	0.0	8.33	25.3				
07/13/2016	02:25:53	52	2.5	8.33	26.1				
07/13/2016	02:26:23	120	4.7	8.33	27.9				
07/13/2016	02:26:53	168	6.0	8.33	30.3				
07/13/2016	02:27:23	245	7.3	8.33	33.6				
07/13/2016	02:27:53	254	7.3	8.33	37.2				
07/13/2016	02:28:23	248	7.3	8.33	40.9				
07/13/2016	02:28:53	246	7.3	8.33	44.6				
07/13/2016	02:29:23	251	7.3	8.31	48.2				
07/13/2016	02:29:53	246	7.3	8.31	51.9				
07/13/2016	02:30:23	255	7.3	8.39	55.6				
07/13/2016	02:30:28	252	7.3	8.36	56.2	Reset Total, Vol = 56.18 bbl			
07/13/2016	02:30:29	253	7.3	8.36	0.1	Drop Top Plug			
07/13/2016	02:30:30	257	7.3	8.36	0.2	Start Displacement			
07/13/2016	02:30:32	254	7.3	8.36	0.5	Sugar in 1st 20 Bbl			
07/13/2016	02:30:53	243	7.3	8.31	3.1				
07/13/2016	02:31:23	251	7.3	8.31	6.7				
07/13/2016	02:31:53	244	7.3	8.31	10.4				
07/13/2016	02:32:23	150	6.4	8.31	13.7				
07/13/2016	02:32:53	248	7.0	8.31	16.9				
07/13/2016	02:33:23	621	7.3	8.31	20.5				
07/13/2016	02:33:53	650	7.3	8.31	24.2				
07/13/2016	02:34:23	663	7.3	8.31	27.8				
07/13/2016	02:34:53	703	7.3	8.31	31.4				
07/13/2016	02:35:23	748	7.3	8.31	35.1				
07/13/2016	02:35:53	787	7.3	8.31	38.7				
07/13/2016	02:36:23	835	7.2	8.31	42.3				
07/13/2016	02:36:53	867	7.3	8.31	46.0				
07/13/2016	02:37:23	927	7.3	8.31	49.6				
07/13/2016	02:37:53	966	7.3	8.31	53.2				
07/13/2016	02:38:23	1010	7.3	8.31	56.9				

Well			Field	Job Start		Customer	Job Number
Land 14N-32HZ			Wattenberg	Jul/12/2016		Anadarko	DMBW-00210
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
07/13/2016	02:39:23	1100	7.3	8.31	64.1		
07/13/2016	02:39:53	1154	7.2	8.31	67.7		
07/13/2016	02:40:23	1193	7.2	8.31	71.3		
07/13/2016	02:40:53	1251	7.3	8.31	75.0		
07/13/2016	02:41:23	1291	7.2	8.31	78.6		
07/13/2016	02:41:53	1358	7.2	8.31	82.1		
07/13/2016	02:42:23	1404	7.2	8.31	85.7		
07/13/2016	02:42:53	1455	7.2	8.31	89.3		
07/13/2016	02:43:23	1501	7.2	8.31	92.9		
07/13/2016	02:43:53	1555	7.2	8.31	96.5		
07/13/2016	02:44:23	1622	7.2	8.31	100.1		
07/13/2016	02:44:53	1663	7.2	8.31	103.7		
07/13/2016	02:45:23	1720	7.2	8.31	107.3		
07/13/2016	02:45:53	1792	7.2	8.31	110.9		
07/13/2016	02:46:23	1830	7.2	8.31	114.5		
07/13/2016	02:46:53	1894	7.2	8.31	118.1		
07/13/2016	02:47:23	1933	7.2	8.31	121.7		
07/13/2016	02:47:53	1996	7.2	8.31	125.3		
07/13/2016	02:48:23	2053	7.2	8.31	128.9		
07/13/2016	02:48:53	2095	7.2	8.31	132.4		
07/13/2016	02:49:23	2151	7.2	8.31	136.0		
07/13/2016	02:49:53	2196	7.1	8.32	139.6		
07/13/2016	02:50:23	2236	7.1	8.32	143.2		
07/13/2016	02:50:53	2269	7.1	8.32	146.7		
07/13/2016	02:51:23	2287	7.1	8.32	150.3		
07/13/2016	02:51:53	2306	7.1	8.32	153.9		
07/13/2016	02:52:23	1473	1.8	8.32	156.2		
07/13/2016	02:52:53	1466	0.9	8.32	156.7		
07/13/2016	02:53:23	1310	0.0	8.32	156.9		
07/13/2016	02:53:53	1309	0.0	8.32	156.9		
07/13/2016	02:54:23	1323	0.0	8.32	156.9		
07/13/2016	02:54:53	1340	0.0	8.32	156.9		
07/13/2016	02:55:23	1356	0.0	8.32	156.9		
07/13/2016	02:55:53	1372	0.0	8.32	156.9		
07/13/2016	02:56:23	1387	0.0	8.32	156.9		
07/13/2016	02:56:53	1401	0.0	8.32	156.9		
07/13/2016	02:57:23	1415	0.0	8.32	156.9		
07/13/2016	02:57:53	1428	0.0	8.32	156.9		
07/13/2016	02:58:23	1440	0.0	8.32	156.9		
07/13/2016	02:58:53	1451	0.0	8.32	156.9		
07/13/2016	02:59:23	1462	0.0	8.32	156.9		
07/13/2016	02:59:53	1468	0.0	8.32	156.9		
07/13/2016	03:00:23	1460	0.0	8.32	156.9		
07/13/2016	03:00:49	1443	0.0	8.32	156.9	Issues Bringing on Water	
07/13/2016	03:00:53	1441	0.0	8.32	156.9		
07/13/2016	03:01:23	1424	0.0	8.31	156.9		
07/13/2016	03:01:53	1408	0.0	8.29	156.9		
07/13/2016	03:02:23	1396	0.0	8.30	156.9		
07/13/2016	03:02:53	1386	0.0	8.30	156.9		
07/13/2016	03:03:23	1378	0.0	8.29	156.9		
07/13/2016	03:03:53	1374	0.0	8.29	156.9		
07/13/2016	03:04:23	1370	0.0	8.29	156.9		
07/13/2016	03:04:53	1368	0.0	8.29	156.9		
07/13/2016	03:05:23	1366	0.0	8.29	156.9		

Well			Field	Job Start		Customer		Job Number	
Land 14N-32HZ			Wattenberg		Jul/12/2016		Anadarko		DMBW-00210
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
07/13/2016	03:06:23	1363	0.0	8.29	156.9				
07/13/2016	03:06:53	1363	0.0	8.28	156.9				
07/13/2016	03:07:23	1364	0.0	8.29	156.9				
07/13/2016	03:07:53	1742	1.7	8.27	157.2				
07/13/2016	03:08:23	1994	2.3	8.29	158.1				
07/13/2016	03:08:53	1922	3.2	8.31	159.4				
07/13/2016	03:09:23	2113	4.6	8.31	161.2				
07/13/2016	03:09:53	2180	5.3	8.32	163.7				
07/13/2016	03:10:23	2394	6.5	8.31	166.8				
07/13/2016	03:10:53	2380	6.5	8.31	170.0				
07/13/2016	03:11:23	2379	6.5	8.31	173.3				
07/13/2016	03:11:53	2380	6.5	8.31	176.6				
07/13/2016	03:12:23	2378	6.6	8.31	179.8				
07/13/2016	03:12:53	2380	6.5	8.31	183.1				
07/13/2016	03:13:23	2398	6.5	8.31	186.4				
07/13/2016	03:13:53	2399	6.5	8.31	189.6				
07/13/2016	03:14:23	2415	6.5	8.31	192.9				
07/13/2016	03:14:53	2421	6.5	8.31	196.2				
07/13/2016	03:15:23	2411	6.5	8.31	199.4				
07/13/2016	03:15:53	2439	6.5	8.31	202.7				
07/13/2016	03:16:23	2462	6.5	8.31	205.9				
07/13/2016	03:16:53	2452	6.5	8.31	209.2				
07/13/2016	03:17:23	2475	6.5	8.31	212.4				
07/13/2016	03:17:53	2476	6.5	8.31	215.6				
07/13/2016	03:18:23	2494	6.5	8.31	218.9				
07/13/2016	03:18:53	2510	6.5	8.31	222.1				
07/13/2016	03:19:23	2522	6.5	8.31	225.3				
07/13/2016	03:19:53	2512	6.4	8.31	228.6				
07/13/2016	03:20:23	2534	6.4	8.31	231.8				
07/13/2016	03:20:53	2556	6.4	8.31	235.0				
07/13/2016	03:21:23	2561	6.4	8.31	238.2				
07/13/2016	03:21:53	2566	6.4	8.31	241.5				
07/13/2016	03:22:23	2566	6.4	8.31	244.7				
07/13/2016	03:22:53	2575	6.4	8.31	247.9				
07/13/2016	03:23:23	2585	6.4	8.31	251.1				
07/13/2016	03:23:53	2605	6.4	8.31	254.3				
07/13/2016	03:24:23	2617	6.4	8.31	257.5				
07/13/2016	03:24:53	2635	6.4	8.31	260.7				
07/13/2016	03:25:23	2214	3.9	8.31	263.3				
07/13/2016	03:25:53	2220	3.9	8.31	265.2				
07/13/2016	03:26:23	2259	3.9	8.31	267.2				
07/13/2016	03:26:53	2984	0.0	8.31	268.6				
07/13/2016	03:26:54	2957	0.0	8.31	268.6	10 Bbl Spacer to Surface			
07/13/2016	03:27:12	2931	0.0	8.31	268.6	Bump Top Plug, 2500-3000 psi			
07/13/2016	03:27:13	2931	0.0	8.31	268.6	End Displacement			
07/13/2016	03:27:15	2945	0.0	8.31	268.6	Reset Total, Vol = 298 bbl			
07/13/2016	03:27:18	2926	0.0	8.31	268.6	Start 15 min, 3000psi Casing Test			
07/13/2016	03:27:23	2931	0.0	8.31	268.6				
07/13/2016	03:27:53	2976	0.0	8.31	268.6				
07/13/2016	03:28:23	2964	0.0	8.31	268.6				
07/13/2016	03:28:53	2998	0.0	8.31	268.6				
07/13/2016	03:29:23	3008	0.0	8.31	0.0				
07/13/2016	03:29:53	3018	0.0	8.31	0.0				
07/13/2016	03:30:23	3036	0.0	8.31	0.0				

Well			Field		Job Start		Customer		Job Number	
Land 14N-32HZ			Wattenberg		Jul/12/2016		Anadarko		DMBW-00210	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
07/13/2016	03:31:23	3061	0.0	8.31	0.0					
07/13/2016	03:31:53	3072	0.0	8.31	0.0					
07/13/2016	03:32:23	3084	0.0	8.31	0.0					
07/13/2016	03:32:53	3097	0.0	8.31	0.0					
07/13/2016	03:33:23	3107	0.0	8.31	0.0					
07/13/2016	03:33:53	3119	0.0	8.31	0.0					
07/13/2016	03:34:23	3130	0.0	8.31	0.0					
07/13/2016	03:34:53	3141	0.0	8.31	0.0					
07/13/2016	03:35:23	3151	0.0	8.31	0.0					
07/13/2016	03:35:53	3161	0.0	8.31	0.0					
07/13/2016	03:36:23	3173	0.0	8.31	0.0					
07/13/2016	03:36:53	3183	0.0	8.31	0.0					
07/13/2016	03:37:23	3193	0.0	8.31	0.0					
07/13/2016	03:37:53	3202	0.0	8.31	0.0					
07/13/2016	03:38:23	3212	0.0	8.31	0.0					
07/13/2016	03:38:53	3222	0.0	8.31	0.0					
07/13/2016	03:39:23	3231	0.0	8.31	0.0					
07/13/2016	03:39:53	3240	0.0	8.31	0.0					
07/13/2016	03:40:23	3250	0.0	8.31	0.0					
07/13/2016	03:40:53	3260	0.0	8.31	0.0					
07/13/2016	03:41:23	3269	0.0	8.31	0.0					
07/13/2016	03:41:53	3279	0.0	8.31	0.0					
07/13/2016	03:42:23	3288	0.0	8.31	0.0					
07/13/2016	03:42:53	3237	0.0	8.31	0.0					
07/13/2016	03:43:21	1754	0.0	8.31	0.0	End Casing Test				
07/13/2016	03:43:23	1526	0.0	8.31	0.0					
07/13/2016	03:43:53	-8	0.0	8.31	0.0					
07/13/2016	03:44:06	-7	0.0	8.31	0.0	Floats Hold, 3 Bbl Back				
07/13/2016	03:44:23	-9	0.0	8.31	0.0					

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl							
Slurry 5.2	N2	Mud	Maximum Rate 8.2		Total Slurry 384.0	Mud 0.0	Spacer 60.0	N2				
Treating Pressure Summary, psi					Breakdown Fluid							
Maximum 4839	Final -8	Average 1071	Bump Plug to 3000	Breakdown	Type	Volume bbl	Density lb/gal					
Avg. N2 Percent %	Designed Slurry Volume 376.0 bbl	Displacement 298.0 bbl	Mix Water Temp 74 degF	Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl						
				Washed Thru Perfs <input type="checkbox"/>		To ft						
Customer or Authorized Representative			Schlumberger Supervisor Ryan Drilling/Matt Leiker			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>					
						-	-					