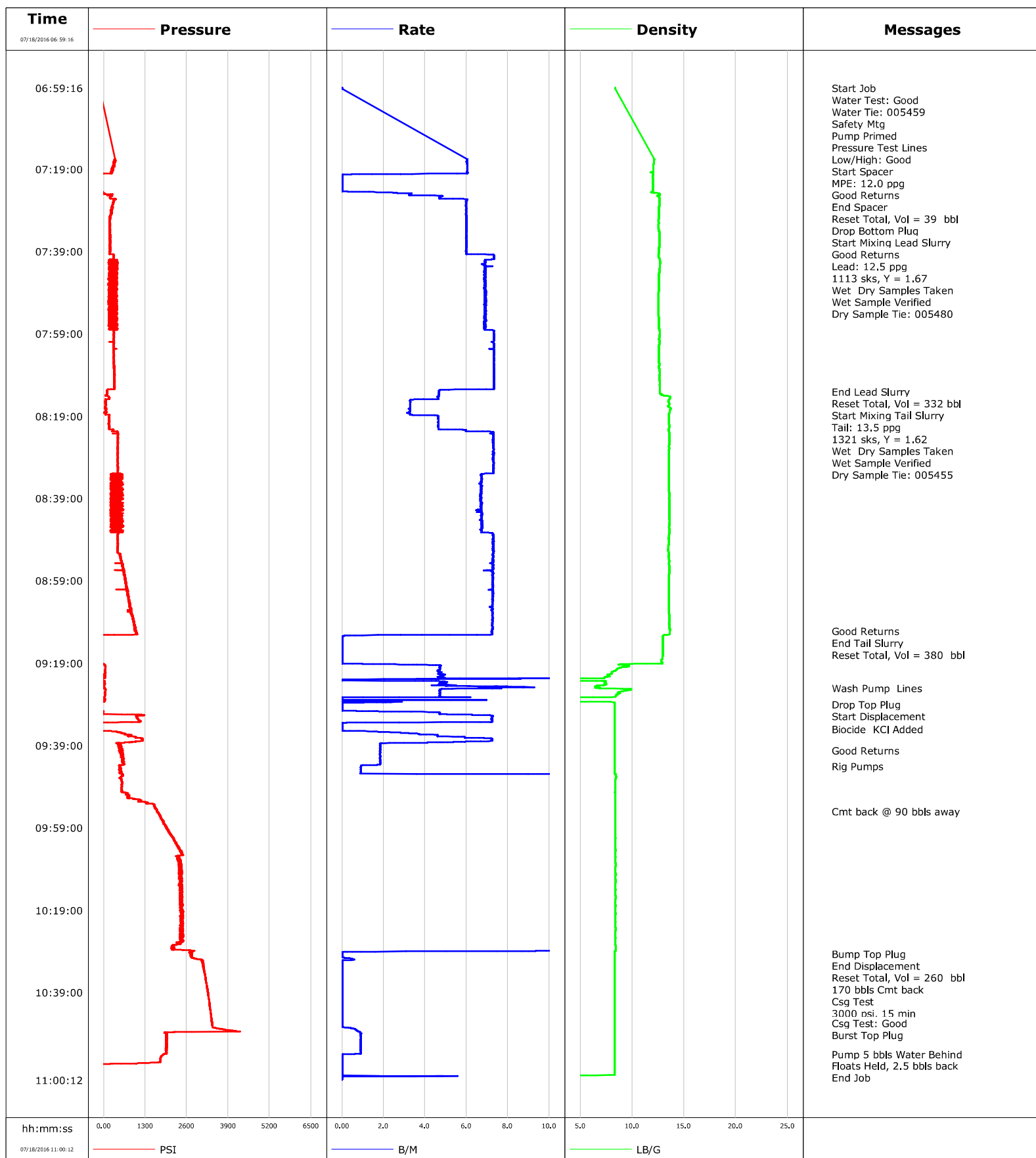


**Well** State 02-63-16-1H  
**Field** DJ  
**Engineer** Malock/Baird  
**Country** United States

**Client** Verdad Oil Gas  
**SIR No.** D5VO-01384  
**Job Type** Production  
**Job Date** 07-18-2016





# Cementing Service Report

				<b>Customer</b> Verdad Oil & Gas		<b>Job Number</b> D5VO-01384			
<b>Well</b> State 02-63-16-1H		<b>Location (legal)</b>		<b>Schlumberger Location</b> Cheyenne		<b>Job Start</b> Jul/18/2016			
<b>Field</b> DJ		<b>Formation Name/Type</b>		<b>Deviation</b> deg	<b>Bit Size</b> 8.8 in	<b>Well MD</b> 11689.0 ft	<b>Well TVD</b> 6594.0 ft		
<b>County</b> Weld		<b>State/Province</b> CO		<b>BHP</b> psi	<b>BHST</b> 230 degF	<b>BHCT</b> 230 degF	<b>Pore Press. Gradient</b> lb/gal		
<b>Well Master</b> 0631681622		<b>API/UWI</b> 05123432030000							
<b>Rig Name</b> Xtreme 22		<b>Drilled For</b> Oil	<b>Service Via</b> Land	<b>Casing / Liner</b>					
				<b>Depth, ft</b>	<b>Size, in</b>	<b>Weight, lb/ft</b>	<b>Grade</b>	<b>Thread</b>	
<b>Offshore Zone</b>		<b>Well Class</b>	<b>Well Type</b>	11689.0	5.5	20.0	P-110		
				0.0	0.0	0.0			
<b>Drilling Fluid Type</b>		<b>Max. Density</b> lb/gal	<b>Plastic Viscosity</b> cP	<b>Tubing / Drill Pipe</b>					
				<b>T/D</b>	<b>Depth, ft</b>	<b>Size, in</b>	<b>Weight, lb/ft</b>	<b>Grade</b>	<b>Thread</b>
<b>Service Line</b> Cementing		<b>Job Type</b> Production							
<b>Max. Allowed Tub. Press</b> psi		<b>Max. Allowed Ann. Press</b> psi	<b>WH Connection</b> Double Cement head	<b>Perforations / Open Hole</b>					
				<b>Top, ft</b>	<b>Bottom, ft</b>	<b>shot/ft</b>	<b>No. of Shots</b>	<b>Total Interval</b> ft	
<b>Service Instructions</b> Provide Cement Services to cement a 5.5" production casing.				ft	ft			<b>Diameter</b> in	
				ft	ft				
				ft	ft				
		<b>Treat Down</b> Casing		<b>Displacement</b> 260.0 bbl	<b>Packer Type</b>		<b>Packer Depth</b> ft		
		<b>Tubing Vol.</b> bbl		<b>Casing Vol.</b> bbl	<b>Annular Vol.</b> bbl		<b>Openhole Vol.</b> bbl		
<b>Casing/Tubing Secured</b> <input checked="" type="checkbox"/>		<b>1 Hole Vol. Circulated prior to Cement</b> <input checked="" type="checkbox"/>		<b>Casing Tools</b>		<b>Squeeze Job</b>			
<b>Lift Pressure</b> psi				<b>Shoe Type</b> Float		<b>Squeeze Type</b>			
<b>Pipe Rotated</b> <input type="checkbox"/>		<b>Pipe Reciprocated</b> <input type="checkbox"/>		<b>Shoe Depth</b> 11689.0 ft		<b>Tool Type</b>			
<b>No. Centralizers</b>		<b>Top Plugs</b> 1	<b>Bottom Plugs</b> 1	<b>Stage Tool Type</b>		<b>Tool Depth</b> ft			
<b>Cement Head Type</b> Double				<b>Stage Tool Depth</b> ft		<b>Tail Pipe Size</b> in			
<b>Job Scheduled For</b> Jul/18/2016 04:00		<b>Arrived on Location</b> Jul/18/2016 04:00		<b>Leave Location</b> Jul/18/2016 12:00		<b>Collar Type</b> Float		<b>Tail Pipe Depth</b> ft	
						<b>Collar Depth</b> 11671.0 ft		<b>Sqz. Total Vol.</b> bbl	
<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>			
07/18/2016	06:59:17	-117	0.0	8.39	0.0	Started Acquisition			
07/18/2016	06:59:19	-117	0.0	8.39	0.0	Water Test: Good			
07/18/2016	06:59:21	-117	0.0	8.39	0.0	Water Tie: 005459			
07/18/2016	07:16:47	369	6.0	12.13	25.1				
07/18/2016	07:17:37	327	6.0	12.09	30.2				
07/18/2016	07:18:27	306	6.0	12.07	35.2				
07/18/2016	07:19:17	274	6.1	12.06	40.2				
07/18/2016	07:19:20	282	6.0	12.06	40.5	Good Returns			
07/18/2016	07:20:07	247	6.1	12.04	45.3				
07/18/2016	07:20:18	-103	0.5	12.01	46.0	End Spacer			
07/18/2016	07:20:57	-112	0.0	11.98	46.0				
07/18/2016	07:21:47	-91	0.0	11.99	46.0				
07/18/2016	07:21:58	-91	0.0	11.99	46.0	Reset Total, Vol = 39 bbl			
07/18/2016	07:22:00	-91	0.0	11.99	46.0	Drop Bottom Plug			
07/18/2016	07:22:37	-90	0.0	11.99	46.0				
07/18/2016	07:23:27	-102	0.0	11.99	46.0				
07/18/2016	07:24:17	-102	0.0	11.99	46.0				
07/18/2016	07:25:07	82	3.3	12.70	47.4				
07/18/2016	07:25:25	234	3.9	12.57	48.4	Start Mixing Lead Slurry			
07/18/2016	07:25:29	259	4.6	12.42	48.7	Good Returns			
07/18/2016	07:25:57	214	4.7	12.62	50.9				

Well			Field		Job Start	Customer	Job Number
State 02-63-16-1H			DJ		Jul/18/2016	Verdad Oil & Gas	D5VO-01384
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
07/18/2016	07:26:47	322	6.0	12.64	55.4		
07/18/2016	07:27:00	338	6.0	12.65	56.8	1113 sks, Y = 1.67	
07/18/2016	07:27:37	316	6.0	12.63	60.5		
07/18/2016	07:28:00	282	6.0	12.61	62.8	Wet Dry Samples Taken	
07/18/2016	07:28:27	263	6.0	12.60	65.4		
07/18/2016	07:29:00	229	6.0	12.59	68.7	Wet Sample Verified	
07/18/2016	07:29:17	253	6.0	12.59	70.4		
07/18/2016	07:30:07	212	6.0	12.58	75.4		
07/18/2016	07:30:41	191	6.0	12.59	78.8	Dry Sample Tie: 005480	
07/18/2016	07:30:57	201	6.0	12.57	80.4		
07/18/2016	07:31:47	186	6.0	12.55	85.4		
07/18/2016	07:32:37	183	6.0	12.54	90.4		
07/18/2016	07:33:27	194	6.0	12.55	95.4		
07/18/2016	07:34:17	217	6.0	12.61	100.4		
07/18/2016	07:35:07	193	6.0	12.62	105.4		
07/18/2016	07:35:57	200	6.0	12.63	110.4		
07/18/2016	07:36:47	204	6.0	12.62	115.4		
07/18/2016	07:37:37	203	6.0	12.61	120.4		
07/18/2016	07:38:27	205	6.0	12.60	125.4		
07/18/2016	07:39:17	203	6.0	12.57	130.4		
07/18/2016	07:40:07	304	7.3	12.54	135.9		
07/18/2016	07:40:57	313	7.3	12.67	142.0		
07/18/2016	07:41:47	308	6.9	12.71	147.7		
07/18/2016	07:42:37	324	7.2	12.69	153.5		
07/18/2016	07:43:27	322	6.9	12.64	159.3		
07/18/2016	07:44:17	161	6.9	12.61	165.0		
07/18/2016	07:45:07	343	6.9	12.59	170.7		
07/18/2016	07:45:57	168	6.9	12.58	176.5		
07/18/2016	07:46:47	387	6.9	12.59	182.2		
07/18/2016	07:47:37	333	6.9	12.60	188.0		
07/18/2016	07:48:27	395	6.9	12.58	193.7		
07/18/2016	07:49:17	347	6.9	12.55	199.5		
07/18/2016	07:50:07	316	6.9	12.55	205.2		
07/18/2016	07:50:57	282	6.9	12.54	211.0		
07/18/2016	07:51:47	346	6.9	12.54	216.7		
07/18/2016	07:52:37	157	6.9	12.54	222.5		
07/18/2016	07:53:27	318	6.9	12.52	228.3		
07/18/2016	07:54:17	226	6.9	12.54	234.0		
07/18/2016	07:55:07	269	6.9	12.57	239.8		
07/18/2016	07:55:57	350	6.9	12.58	245.5		
07/18/2016	07:56:47	203	6.9	12.58	251.3		
07/18/2016	07:57:37	393	6.9	12.58	257.0		
07/18/2016	07:58:27	328	7.3	12.66	262.9		
07/18/2016	07:59:17	308	7.3	12.65	269.0		
07/18/2016	08:00:07	326	7.3	12.62	275.1		
07/18/2016	08:00:57	328	7.3	12.65	281.2		
07/18/2016	08:01:47	320	7.3	12.61	287.3		
07/18/2016	08:02:37	320	7.3	12.58	293.4		
07/18/2016	08:03:27	321	7.3	12.58	299.5		
07/18/2016	08:04:17	317	7.3	12.60	305.6		
07/18/2016	08:05:07	309	7.3	12.59	311.7		
07/18/2016	08:05:57	334	7.3	12.60	317.8		
07/18/2016	08:06:47	325	7.3	12.61	323.9		
07/18/2016	08:07:37	336	7.3	12.62	330.0		

Well			Field		Job Start	Customer	Job Number
State 02-63-16-1H			DJ		Jul/18/2016	Verdad Oil & Gas	D5VO-01384
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
07/18/2016	08:09:17	331	7.3	12.64	342.2		
07/18/2016	08:10:07	344	7.3	12.63	348.3		
07/18/2016	08:10:57	336	7.3	12.67	354.4		
07/18/2016	08:11:47	334	7.3	12.68	360.5		
07/18/2016	08:12:37	115	5.2	12.69	366.5		
07/18/2016	08:13:00	109	4.7	12.69	368.4	End Lead Slurry	
07/18/2016	08:13:27	110	4.7	12.69	370.5		
07/18/2016	08:13:30	111	4.7	12.69	370.7	Reset Total, Vol = 332 bbl	
07/18/2016	08:14:17	167	4.7	13.64	374.4		
07/18/2016	08:14:51	182	4.7	13.63	377.0	Start Mixing Tail Slurry	
07/18/2016	08:15:07	78	3.3	13.53	378.0		
07/18/2016	08:15:19	68	3.3	13.50	378.7	Tail: 13.5 ppg	
07/18/2016	08:15:57	71	3.3	13.57	380.8		
07/18/2016	08:16:47	56	3.3	13.49	383.5		
07/18/2016	08:17:01	71	3.3	13.68	384.3	1321 sks, Y = 1.62	
07/18/2016	08:17:37	70	3.3	13.65	386.3		
07/18/2016	08:18:27	75	3.3	13.56	389.0		
07/18/2016	08:19:17	178	4.7	13.55	392.3		
07/18/2016	08:20:00	181	4.7	13.54	395.7	Wet Dry Samples Taken	
07/18/2016	08:20:07	189	4.6	13.54	396.2		
07/18/2016	08:20:57	152	4.6	13.56	400.1		
07/18/2016	08:21:00	179	4.6	13.56	400.3	Wet Sample Verified	
07/18/2016	08:21:47	176	4.7	13.57	404.0		
07/18/2016	08:22:00	175	4.6	13.55	405.0	Dry Sample Tie: 005455	
07/18/2016	08:22:37	292	6.0	13.53	408.2		
07/18/2016	08:23:27	460	7.3	13.59	414.1		
07/18/2016	08:24:17	434	7.3	13.58	420.2		
07/18/2016	08:25:07	443	7.3	13.59	426.3		
07/18/2016	08:25:57	447	7.3	13.57	432.3		
07/18/2016	08:26:47	457	7.3	13.57	438.4		
07/18/2016	08:27:37	448	7.3	13.56	444.5		
07/18/2016	08:28:27	449	7.3	13.56	450.6		
07/18/2016	08:29:17	445	7.3	13.55	456.7		
07/18/2016	08:30:07	427	7.3	13.55	462.8		
07/18/2016	08:30:57	449	7.3	13.56	468.8		
07/18/2016	08:31:47	454	7.3	13.55	474.9		
07/18/2016	08:32:37	440	7.3	13.54	481.0		
07/18/2016	08:33:27	425	6.7	13.54	486.8		
07/18/2016	08:34:17	218	6.7	13.52	492.4		
07/18/2016	08:35:07	603	6.7	13.54	498.0		
07/18/2016	08:35:57	439	6.7	13.53	503.6		
07/18/2016	08:36:47	231	6.7	13.55	509.2		
07/18/2016	08:37:37	603	6.7	13.57	514.8		
07/18/2016	08:38:27	437	6.7	13.58	520.4		
07/18/2016	08:39:17	590	6.7	13.57	526.0		
07/18/2016	08:40:07	357	6.7	13.58	531.5		
07/18/2016	08:40:57	236	6.7	13.59	537.1		
07/18/2016	08:41:47	623	6.6	13.61	542.7		
07/18/2016	08:42:37	207	6.7	13.59	548.3		
07/18/2016	08:43:27	579	6.7	13.59	553.9		
07/18/2016	08:44:17	375	6.6	13.61	559.5		
07/18/2016	08:45:07	589	6.8	13.61	565.1		
07/18/2016	08:45:57	374	6.7	13.55	570.7		
07/18/2016	08:46:47	213	6.7	13.58	576.3		

Well			Field		Job Start	Customer	Job Number
State 02-63-16-1H			DJ		Jul/18/2016	Verdad Oil & Gas	D5VO-01384
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
07/18/2016	08:48:27	446	7.3	13.52	588.1		
07/18/2016	08:49:17	450	7.3	13.53	594.2		
07/18/2016	08:50:07	451	7.3	13.53	600.3		
07/18/2016	08:50:57	431	7.3	13.49	606.4		
07/18/2016	08:51:47	440	7.3	13.49	612.5		
07/18/2016	08:52:37	528	7.3	13.52	618.5		
07/18/2016	08:53:27	534	7.3	13.52	624.6		
07/18/2016	08:54:17	564	7.3	13.57	630.7		
07/18/2016	08:55:07	570	7.3	13.56	636.7		
07/18/2016	08:55:57	596	7.3	13.58	642.8		
07/18/2016	08:56:47	647	7.3	13.58	648.8		
07/18/2016	08:57:37	632	7.2	13.56	654.9		
07/18/2016	08:58:27	682	7.3	13.54	660.9		
07/18/2016	08:59:17	702	7.3	13.53	667.0		
07/18/2016	09:00:07	698	7.3	13.54	673.0		
07/18/2016	09:00:57	738	7.3	13.55	679.1		
07/18/2016	09:01:47	762	7.3	13.54	685.1		
07/18/2016	09:02:37	758	7.3	13.53	691.2		
07/18/2016	09:03:27	778	7.2	13.54	697.3		
07/18/2016	09:04:17	797	7.3	13.55	703.3		
07/18/2016	09:05:07	817	7.3	13.55	709.4		
07/18/2016	09:05:57	868	7.3	13.55	715.4		
07/18/2016	09:06:47	883	7.3	13.53	721.4		
07/18/2016	09:07:37	923	7.3	13.58	727.5		
07/18/2016	09:08:27	937	7.3	13.59	733.6		
07/18/2016	09:09:17	942	7.2	13.57	739.6		
07/18/2016	09:10:07	961	7.2	13.60	745.6		
07/18/2016	09:10:57	979	7.2	13.69	751.7		
07/18/2016	09:11:16	986	7.2	13.64	754.0	Good Returns	
07/18/2016	09:11:17	999	7.2	13.64	754.1	End Tail Slurry	
07/18/2016	09:11:47	1035	7.2	13.63	757.7		
07/18/2016	09:12:19	-98	0.3	13.00	760.8	Reset Total, Vol = 380 bbl	
07/18/2016	09:12:37	-103	0.0	12.98	760.9		
07/18/2016	09:13:27	-103	0.0	12.97	760.9		
07/18/2016	09:14:17	-103	0.0	12.96	760.9		
07/18/2016	09:15:07	-103	0.0	12.96	760.9		
07/18/2016	09:15:57	-103	0.0	12.96	760.9		
07/18/2016	09:16:47	-103	0.0	12.96	760.9		
07/18/2016	09:17:37	-106	0.0	12.93	760.9		
07/18/2016	09:18:27	-94	0.0	12.82	760.9		
07/18/2016	09:19:17	23	2.3	8.98	761.0		
07/18/2016	09:20:07	60	4.7	8.91	764.7		
07/18/2016	09:20:57	36	4.6	8.30	768.6		
07/18/2016	09:21:47	-20	4.7	7.73	772.5		
07/18/2016	09:22:37	49	4.8	7.33	776.6		
07/18/2016	09:23:27	38	4.7	7.42	779.1		
07/18/2016	09:24:17	31	4.7	7.42	783.2		
07/18/2016	09:25:00	-29	7.1	6.63	787.8	Wash Pump Lines	
07/18/2016	09:25:07	-8	7.7	6.82	788.7		
07/18/2016	09:25:57	47	4.7	8.88	792.9		
07/18/2016	09:26:47	45	4.7	8.50	796.8		
07/18/2016	09:27:37	-93	0.0	-0.04	799.7		
07/18/2016	09:28:27	-66	2.9	7.37	800.2		
07/18/2016	09:29:00	-112	0.0	8.34	800.6	Drop Top Plug	

Well			Field		Job Start	Customer	Job Number
State 02-63-16-1H			DJ		Jul/18/2016	Verdad Oil & Gas	D5VO-01384
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
07/18/2016	09:30:00	-109	0.0	8.34	800.6	Start Displacement	
07/18/2016	09:30:07	-109	0.0	8.34	800.6		
07/18/2016	09:30:57	-16	4.6	8.34	801.4		
07/18/2016	09:31:47	1146	7.3	8.34	805.8		
07/18/2016	09:32:37	1071	7.2	8.34	811.9		
07/18/2016	09:33:27	112	1.9	8.34	817.6		
07/18/2016	09:34:17	-69	0.0	8.34	817.7		
07/18/2016	09:35:00	-55	0.0	8.34	817.7	Biocide KCl Added	
07/18/2016	09:35:07	-51	0.0	8.34	817.7		
07/18/2016	09:35:57	555	2.9	8.34	818.6		
07/18/2016	09:36:47	777	4.6	8.34	821.9		
07/18/2016	09:37:37	1204	7.2	8.34	827.2		
07/18/2016	09:38:27	392	2.1	8.34	832.2		
07/18/2016	09:39:17	544	1.9	8.34	833.8		
07/18/2016	09:40:07	512	1.9	8.34	835.3		
07/18/2016	09:40:14	529	1.8	8.34	835.5	Good Returns	
07/18/2016	09:40:57	549	1.8	8.34	836.8		
07/18/2016	09:41:47	597	1.8	8.34	838.4		
07/18/2016	09:42:37	614	1.8	8.34	839.9		
07/18/2016	09:43:27	656	1.8	8.34	841.4		
07/18/2016	09:44:00	504	0.9	8.34	842.3	Rig Pumps	
07/18/2016	09:44:17	538	0.9	8.34	842.5		
07/18/2016	09:45:07	518	0.9	8.34	843.3		
07/18/2016	09:45:57	567	13.3	8.35	844.1		
07/18/2016	09:46:47	554	15.7	8.46	844.8		
07/18/2016	09:47:37	584	15.4	8.37	845.3		
07/18/2016	09:48:27	580	15.4	8.36	845.8		
07/18/2016	09:49:17	568	15.4	8.35	846.3		
07/18/2016	09:50:07	573	15.3	8.35	846.8		
07/18/2016	09:50:57	733	20.5	8.38	847.8		
07/18/2016	09:51:47	745	20.4	8.38	849.4		
07/18/2016	09:52:37	1156	20.2	8.39	852.6		
07/18/2016	09:53:27	1587	20.3	8.38	858.0		
07/18/2016	09:54:17	1640	20.2	8.38	864.3		
07/18/2016	09:55:00	1670	20.1	8.38	869.7	Cmt back @ 90 bbls away	
07/18/2016	09:55:07	1692	20.1	8.39	870.6		
07/18/2016	09:55:57	1770	20.3	8.38	876.9		
07/18/2016	09:56:47	1806	20.0	8.38	883.2		
07/18/2016	09:57:37	1885	19.9	8.38	889.4		
07/18/2016	09:58:27	1932	19.7	8.39	895.7		
07/18/2016	09:59:17	2010	19.6	8.38	901.9		
07/18/2016	10:00:07	2057	19.5	8.38	908.0		
07/18/2016	10:00:57	2131	19.3	8.39	914.1		
07/18/2016	10:01:47	2215	19.2	8.39	920.2		
07/18/2016	10:02:37	2271	19.0	8.39	926.3		
07/18/2016	10:03:27	2317	18.8	8.39	932.3		
07/18/2016	10:04:17	2384	18.7	8.40	938.2		
07/18/2016	10:05:07	2439	18.3	8.38	944.2		
07/18/2016	10:05:57	2338	18.7	8.39	949.8		
07/18/2016	10:06:47	2317	18.5	8.39	954.6		
07/18/2016	10:07:37	2389	18.6	8.40	959.4		
07/18/2016	10:08:27	2447	18.5	8.39	964.1		
07/18/2016	10:09:17	2458	18.4	8.39	968.9		
07/18/2016	10:10:07	2448	18.4	8.40	973.6		

Well			Field		Job Start	Customer	Job Number
State 02-63-16-1H			DJ		Jul/18/2016	Verdad Oil & Gas	D5VO-01384
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
07/18/2016	10:11:47	2446	18.5	8.40	983.1		
07/18/2016	10:12:37	2447	18.3	8.38	987.8		
07/18/2016	10:13:27	2410	18.4	8.39	992.6		
07/18/2016	10:14:17	2436	18.5	8.39	997.3		
07/18/2016	10:15:07	2470	18.4	8.39	1002.1		
07/18/2016	10:15:57	2450	18.4	8.40	1006.8		
07/18/2016	10:16:47	2428	18.5	8.39	1011.6		
07/18/2016	10:17:37	2472	18.4	8.39	1016.3		
07/18/2016	10:18:27	2418	18.1	8.39	1021.0		
07/18/2016	10:19:17	2491	18.4	8.40	1025.8		
07/18/2016	10:20:07	2483	18.6	8.39	1030.6		
07/18/2016	10:20:57	2492	18.4	8.38	1035.3		
07/18/2016	10:21:47	2431	18.2	8.39	1040.0		
07/18/2016	10:22:37	2451	18.1	8.39	1044.8		
07/18/2016	10:23:27	2418	18.2	8.40	1049.5		
07/18/2016	10:24:17	2425	18.4	8.38	1054.2		
07/18/2016	10:25:07	2425	18.4	8.39	1058.9		
07/18/2016	10:25:57	2407	18.4	8.39	1063.7		
07/18/2016	10:26:47	2284	18.7	8.38	1068.3		
07/18/2016	10:27:37	2153	19.2	8.41	1072.0		
07/18/2016	10:28:27	2170	18.7	8.41	1074.7		
07/18/2016	10:29:17	2771	0.0	8.34	1076.1		
07/18/2016	10:29:36	2762	0.0	8.34	1076.1	Bump Top Plug	
07/18/2016	10:29:38	2781	0.0	8.34	1076.1	Reset Total, Vol = 260 bbl	
07/18/2016	10:29:40	2729	0.0	8.34	1076.1	170 bbls Cmt back	
07/18/2016	10:30:00	2758	0.0	8.34	1076.1	Csg Test	
07/18/2016	10:30:07	2777	0.0	8.34	1076.1		
07/18/2016	10:30:19	2736	0.0	8.34	1076.1	3000 psi, 15 min	
07/18/2016	10:30:57	2975	0.5	8.34	1076.3		
07/18/2016	10:31:47	3119	0.0	8.34	1076.4		
07/18/2016	10:32:37	3134	0.0	8.34	1076.4		
07/18/2016	10:33:27	3139	0.0	8.34	1076.4		
07/18/2016	10:34:17	3166	0.0	8.34	1076.4		
07/18/2016	10:35:07	3185	0.0	8.34	1076.4		
07/18/2016	10:35:57	3202	0.0	8.34	1076.4		
07/18/2016	10:36:47	3222	0.0	8.34	1076.4		
07/18/2016	10:37:37	3239	0.0	8.34	1076.4		
07/18/2016	10:38:27	3255	0.0	8.34	1076.4		
07/18/2016	10:39:17	3272	0.0	8.34	1076.4		
07/18/2016	10:40:07	3288	0.0	8.34	1076.4		
07/18/2016	10:40:57	3303	0.0	8.34	1076.4		
07/18/2016	10:41:47	3318	0.0	8.34	1076.4		
07/18/2016	10:42:37	3332	0.0	8.34	1076.4		
07/18/2016	10:43:27	3347	0.0	8.34	1076.4		
07/18/2016	10:44:17	3360	0.0	8.34	1076.4		
07/18/2016	10:45:07	3374	0.0	8.34	1076.4		
07/18/2016	10:45:57	3387	0.0	8.34	1076.4		
07/18/2016	10:46:26	3396	0.0	8.34	1076.4	Csg Test: Good	
07/18/2016	10:46:47	3401	0.0	8.34	1076.4		
07/18/2016	10:47:37	3487	0.4	8.34	1076.5		
07/18/2016	10:48:27	4180	0.8	8.33	1077.1		
07/18/2016	10:48:42	2011	0.9	8.33	1077.3	Burst Top Plug	
07/18/2016	10:49:17	1988	0.9	8.33	1077.8		
07/18/2016	10:50:07	1959	0.9	8.33	1078.6		

Well			Field		Job Start		Customer		Job Number	
State 02-63-16-1H			DJ		Jul/18/2016		Verdad Oil & Gas		D5VO-01384	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
07/18/2016	10:51:47	1975	0.9	8.33	1080.2					
07/18/2016	10:52:37	1943	0.9	8.33	1081.0					
07/18/2016	10:53:27	1960	0.9	8.33	1081.8					
07/18/2016	10:54:03	1879	0.1	8.33	1082.3	Pump 5 bbls Water Behind				
07/18/2016	10:54:17	1839	0.0	8.34	1082.3					
07/18/2016	10:55:07	1784	0.0	8.33	1082.3					
07/18/2016	10:55:57	1763	0.0	8.34	1082.3					
07/18/2016	10:56:44	-106	0.0	8.34	1082.3	Floats Held, 2.5 bbls back				
07/18/2016	10:56:47	-111	0.0	8.33	1082.3					
07/18/2016	10:57:37	-92	0.0	8.34	1082.3					
07/18/2016	10:58:00	-90	0.0	8.34	1082.3	End Job				
07/18/2016	10:58:27	-90	0.0	8.33	1082.3					
07/18/2016	10:59:17	-105	1.2	2.58	1082.3					

### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2		
5.5			10.2		712.0	0.0	39.0			
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density			
4973	-106	1102	2700			bbl	lb/gal			
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?		Volume			
%	712.0 bbl		260.0 bbl	74 degF	<input checked="" type="checkbox"/>		170.0 bbl			
						Washed Thru Perfs	To			
						<input type="checkbox"/>	ft			
Customer or Authorized Representative			Schlumberger Supervisor			Circulation Lost	Job Completed			
Luke Rains			Malock/Baird			<input type="checkbox"/>		<input checked="" type="checkbox"/>		
						-	-			