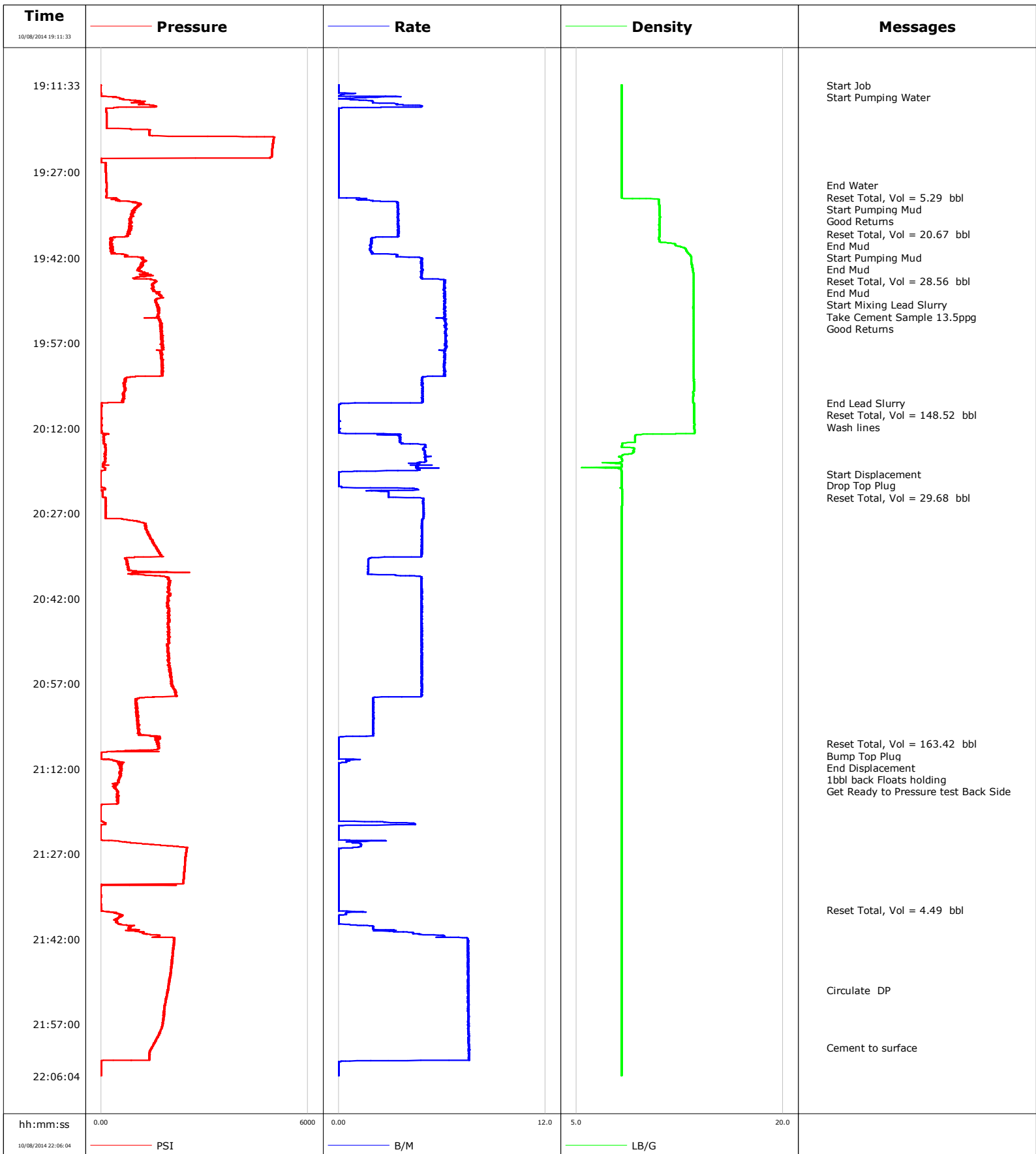


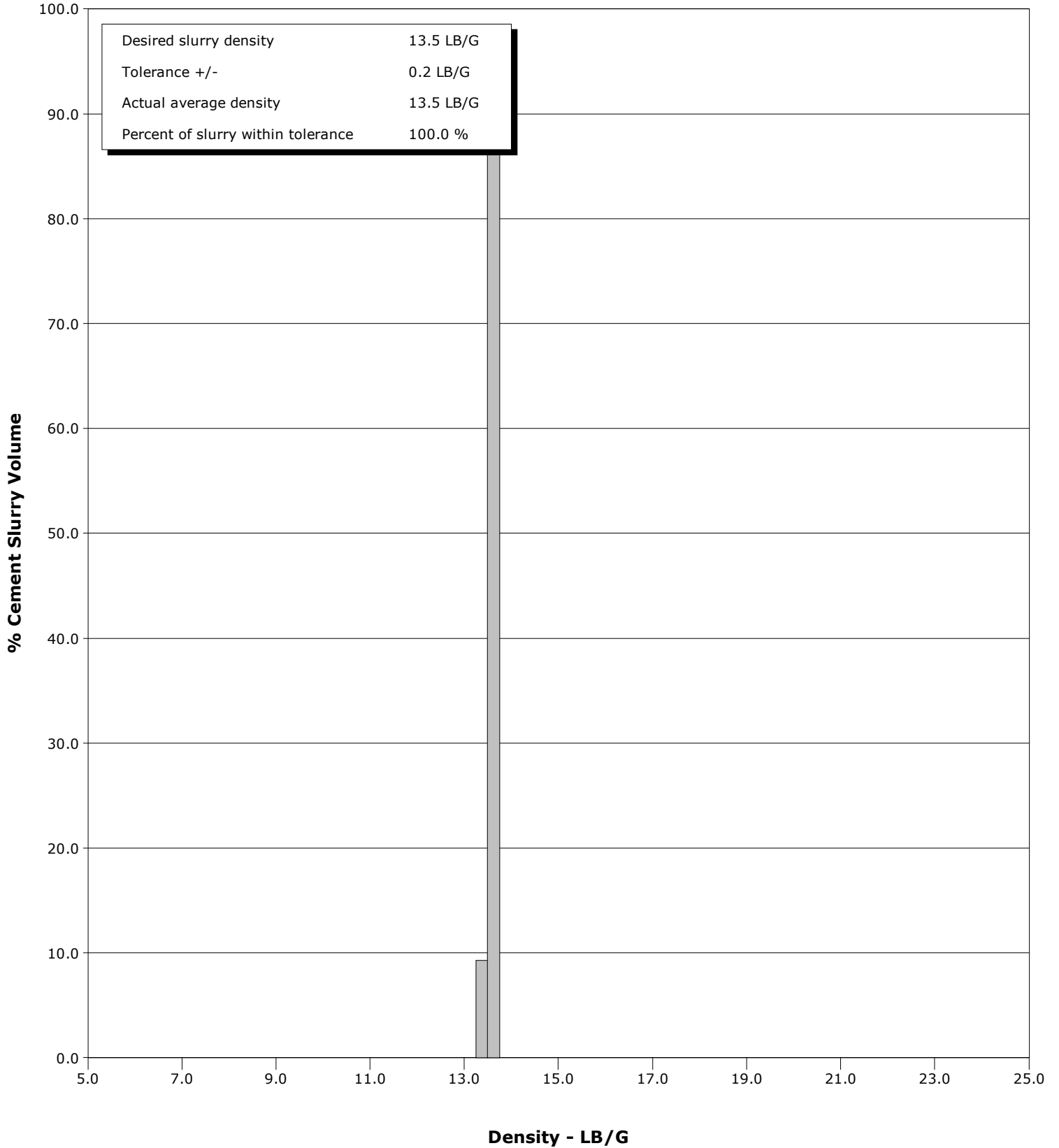
<b>Well</b>	Nelson Farms #3	<b>Client</b>	Extraction Oil Gas
<b>Field</b>	Wattenberg	<b>SIR No.</b>	C459-03204
<b>Engineer</b>	William Adkison	<b>Job Type</b>	Liner
<b>Country</b>	United States	<b>Job Date</b>	10-08-2014



**Well** Nelson Farms #3  
**Field** Wattenberg  
**Engineer** William Adkison  
**Country** United States

**Client** Extraction Oil Gas  
**SIR No.** C459-03204  
**Job Type** Liner  
**Job Date** 10-08-2014

Cement Slurry - 10/08/2014 19:42:29 to 10/08/2014 20:06:28



				Customer			Job Number		
				Extraction Oil & Gas			C459-03204		
Well		Location (legal)			Schlumberger Location			Job Start	
Nelson Farms #3		Cheyenne, WY			Rock Springs, Wy			Oct/08/2014	
Field		Formation Name/Type			Deviation	Bit Size		Well MD	Well TVD
Wattenberg					deg	in		14634.0 ft	7093.0 ft
County		State/Province			BHP	BHST	BHCT	Pore Press. Gradient	
Weld		Colorado			psi	208 degF	208 degF	lb/gal	
Well Master		API/UWI							
0631575758									
Rig Name	Drilled For		Service Via		Casing/Liner				
Xtreme 7	Gas		Land						
Offshore Zone	Well Class		Well Type		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
	New		Development		14634.0	4.5	13.5	P110	8RD
					0.0	0.0	0.0		
Drilling Fluid Type		Max. Density	Plastic Viscosity		Tubing/Drill Pipe				
		lb/gal	cP						
Service Line	Job Type								
Cementing	Liner								
Max. Allowed Tub. Press	Max. Allowed Ann. Press		WH Connection		Perforations/Open Hole				
2509 psi	psi		Single Cement head						
Service Instructions					Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval
Provide Cementing Services for 4.5 liner					ft	ft			ft
					ft	ft			Diameter
					ft	ft			in
Treat Down		Displacement		Packer Type		Packer Depth			
Casing		173.0 bbl				ft			
Tubing Vol.		Casing Vol.		Annular Vol.		Openhole Vol.			
bbl		174.0 bbl		239.0 bbl		139.0 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		psi			Shoe Type		Squeeze Type		
					Float				
Pipe Rotated		Pipe Reciprocated			Shoe Depth		Tool Type		
<input type="checkbox"/>		<input type="checkbox"/>			14634.4 ft				
No. Centralizers		Top Plugs	Bottom Plugs		Stage Tool Type		Tool Depth		
		1					ft		
Cement Head Type		Competitors			Stage Tool Depth		Tail Pipe Size		
					ft		in		
Job Scheduled For		Arrived on Location		Leave Location		Collar Type		Tail Pipe Depth	
Oct/08/2014 01:30		Oct/08/2014 01:30		Oct/09/2014 03:00		Float		ft	
						Collar Depth		Sqz. Total Vol.	
						14632.1 ft		bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
10/08/2014	19:11:33	0	0.0	8.29	0.0	Started Acquisition			
10/08/2014	19:11:35	-0	0.0	8.29	0.0	Start Job			
10/08/2014	19:11:37	-1	0.0	8.29	0.0	Start Pumping Water			
10/08/2014	19:13:03	4	1.0	8.29	0.0				
10/08/2014	19:14:33	1022	2.0	8.29	1.7				
10/08/2014	19:16:03	156	0.0	8.29	5.3				
10/08/2014	19:17:33	166	0.0	8.29	5.3				
10/08/2014	19:19:03	169	0.0	8.29	5.3				
10/08/2014	19:20:33	1499	0.0	8.29	5.3				
10/08/2014	19:22:03	4983	0.0	8.29	5.3				
10/08/2014	19:23:33	4961	0.0	8.29	5.3				
10/08/2014	19:25:03	4	0.0	8.29	0.0				
10/08/2014	19:26:33	138	0.0	8.29	0.0				
10/08/2014	19:28:03	155	0.0	8.29	0.0				
10/08/2014	19:29:13	158	0.0	8.29	0.0	End Water			
10/08/2014	19:29:33	159	0.0	8.29	0.0				
10/08/2014	19:29:41	159	0.0	8.29	0.0	Reset Total, Vol = 5.29 bbl			
10/08/2014	19:29:48	159	0.0	8.29	0.0	Start Pumping Mud			
10/08/2014	19:31:03	158	0.0	8.29	0.0				
10/08/2014	19:32:33	1140	3.4	11.03	2.5				
10/08/2014	19:33:07	1028	3.4	11.05	4.5	Good Returns			

Well Nelson Farms #3			Field Wattenberg		Job Start Oct/08/2014	Customer Extraction Oil & Gas		Job Number C459-03204
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
10/08/2014	19:35:33	856	3.4	11.07	12.9			
10/08/2014	19:37:03	801	3.5	11.03	18.1			
10/08/2014	19:37:48	771	3.5	11.05	20.7	Reset Total, Vol = 20.67 bbl		
10/08/2014	19:37:52	821	3.5	11.05	20.9	End Mud		
10/08/2014	19:38:33	325	2.0	11.03	23.0			
10/08/2014	19:39:37	308	1.9	12.19	25.1	Start Pumping Mud		
10/08/2014	19:39:38	259	1.9	12.20	25.1	End Mud		
10/08/2014	19:40:03	351	1.9	12.54	25.9			
10/08/2014	19:41:30	710	3.4	13.25	28.8	Reset Total, Vol = 28.56 bbl		
10/08/2014	19:41:33	775	3.4	13.27	0.1	End Mud		
10/08/2014	19:41:36	744	3.4	13.28	0.3	Start Mixing Lead Slurry		
10/08/2014	19:42:24	1224	4.8	13.33	3.7	Take Cement Sample 13.5ppg		
10/08/2014	19:43:03	1167	4.8	13.36	6.8			
10/08/2014	19:44:33	1276	4.8	13.49	14.1			
10/08/2014	19:46:03	1557	6.2	13.53	21.6			
10/08/2014	19:47:33	1490	6.1	13.51	30.9			
10/08/2014	19:49:03	1771	6.2	13.51	40.1			
10/08/2014	19:50:33	1633	6.1	13.50	49.3			
10/08/2014	19:52:03	1671	6.1	13.52	58.6			
10/08/2014	19:52:35	1686	6.1	13.52	61.9	Good Returns		
10/08/2014	19:53:33	1722	6.3	13.52	67.8			
10/08/2014	19:55:03	1792	6.2	13.51	77.1			
10/08/2014	19:56:33	1747	6.2	13.52	86.5			
10/08/2014	19:58:03	1794	6.2	13.51	95.8			
10/08/2014	19:59:33	1772	6.1	13.51	105.0			
10/08/2014	20:01:03	1776	6.1	13.51	114.2			
10/08/2014	20:02:33	1783	6.2	13.53	123.5			
10/08/2014	20:04:03	675	4.8	13.54	131.2			
10/08/2014	20:05:33	673	4.9	13.53	138.5			
10/08/2014	20:07:03	625	4.9	13.49	145.8			
10/08/2014	20:07:33	209	4.9	13.49	148.3	End Lead Slurry		
10/08/2014	20:07:36	30	1.8	13.54	148.5	Reset Total, Vol = 148.52 bbl		
10/08/2014	20:07:54	15	0.0	13.54	0.0	Wash lines		
10/08/2014	20:08:33	11	0.0	13.55	0.0			
10/08/2014	20:10:03	11	0.0	13.57	0.0			
10/08/2014	20:11:33	21	0.0	13.57	0.1			
10/08/2014	20:13:03	224	3.0	11.23	0.2			
10/08/2014	20:14:33	77	3.6	9.24	5.5			
10/08/2014	20:16:03	138	5.0	9.16	12.6			
10/08/2014	20:17:33	127	5.0	8.34	20.1			
10/08/2014	20:19:03	134	4.6	7.57	27.2			
10/08/2014	20:20:00	-1	0.0	8.31	0.0	Start Displacement		
10/08/2014	20:20:28	-1	0.0	8.31	0.0	Reset Total, Vol = 29.68 bbl		
10/08/2014	20:20:33	-1	0.0	8.31	0.0			
10/08/2014	20:22:03	-1	0.0	8.31	0.0			
10/08/2014	20:23:33	52	2.9	8.35	3.5			
10/08/2014	20:25:03	131	4.9	8.34	9.4			
10/08/2014	20:26:33	132	4.9	8.31	16.8			
10/08/2014	20:28:03	651	4.9	8.30	24.2			
10/08/2014	20:29:33	1306	4.8	8.31	31.5			
10/08/2014	20:31:03	1447	4.8	8.31	38.7			
10/08/2014	20:32:33	1536	4.8	8.31	46.0			
10/08/2014	20:34:03	1735	4.8	8.31	53.2			
10/08/2014	20:35:33	755	1.7	8.31	57.9			

Well Nelson Farms #3			Field Wattenberg		Job Start Oct/08/2014	Customer Extraction Oil & Gas		Job Number C459-03204
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
10/08/2014	20:38:33	1948	4.8	8.31	65.1			
10/08/2014	20:40:03	1975	4.8	8.31	72.3			
10/08/2014	20:41:33	2014	4.8	8.31	79.5			
10/08/2014	20:43:03	1927	4.8	8.31	86.7			
10/08/2014	20:44:33	1939	4.8	8.31	94.0			
10/08/2014	20:46:03	1968	4.8	8.31	101.2			
10/08/2014	20:47:33	1964	4.8	8.30	108.4			
10/08/2014	20:49:03	1973	4.8	8.30	115.7			
10/08/2014	20:50:33	1968	4.8	8.30	122.9			
10/08/2014	20:52:03	1944	4.8	8.30	130.2			
10/08/2014	20:53:33	1989	4.8	8.30	137.4			
10/08/2014	20:55:03	2042	4.8	8.30	144.6			
10/08/2014	20:56:33	2058	4.8	8.30	151.9			
10/08/2014	20:58:03	2137	4.8	8.30	159.1			
10/08/2014	20:59:33	1121	2.0	8.30	165.8			
10/08/2014	21:01:03	1034	2.0	8.30	168.8			
10/08/2014	21:02:33	1052	2.0	8.30	171.8			
10/08/2014	21:04:03	1092	2.0	8.30	174.9			
10/08/2014	21:05:33	1136	2.0	8.30	177.9			
10/08/2014	21:07:03	1652	0.0	8.30	179.4			
10/08/2014	21:07:35	1662	0.0	8.30	179.4	Reset Total, Vol = 163.42 bbl		
10/08/2014	21:07:37	1686	0.0	8.30	179.4	Bump Top Plug		
10/08/2014	21:07:52	1653	0.0	8.30	179.4	End Displacement		
10/08/2014	21:08:33	1641	0.0	8.30	179.4			
10/08/2014	21:09:21	0	0.0	8.30	179.4	1bbl back Floats holding		
10/08/2014	21:09:25	1	0.0	8.30	179.4	Get Ready to Pressure test Back Side		
10/08/2014	21:10:03	-1	0.0	8.30	0.0			
10/08/2014	21:11:33	565	0.0	8.30	0.4			
10/08/2014	21:13:03	569	0.0	8.30	0.4			
10/08/2014	21:14:33	481	0.0	8.30	0.4			
10/08/2014	21:16:03	503	0.0	8.30	0.4			
10/08/2014	21:17:33	464	0.0	8.30	0.4			
10/08/2014	21:19:03	-5	0.0	8.30	0.4			
10/08/2014	21:20:33	-1	0.0	8.30	0.4			
10/08/2014	21:22:03	-2	0.0	8.30	2.7			
10/08/2014	21:23:33	-2	0.0	8.30	2.7			
10/08/2014	21:25:03	894	0.9	8.30	0.6			
10/08/2014	21:26:33	2477	0.0	8.30	1.6			
10/08/2014	21:28:03	2446	0.0	8.30	1.6			
10/08/2014	21:29:33	2423	0.0	8.30	1.6			
10/08/2014	21:31:03	2405	0.0	8.30	1.6			
10/08/2014	21:32:33	4	0.0	8.30	1.6			
10/08/2014	21:34:03	0	0.0	8.30	1.6			
10/08/2014	21:35:33	-1	0.0	8.30	1.6			
10/08/2014	21:36:51	0	0.0	8.30	0.0	Reset Total, Vol = 4.49 bbl		
10/08/2014	21:37:03	2	0.0	8.30	0.0			
10/08/2014	21:38:33	459	0.0	8.30	0.5			
10/08/2014	21:40:03	846	2.0	8.30	1.5			
10/08/2014	21:41:33	1669	6.1	8.30	7.4			
10/08/2014	21:43:03	2096	7.5	8.30	18.4			
10/08/2014	21:44:33	2090	7.5	8.30	29.7			
10/08/2014	21:46:03	2060	7.5	8.30	40.9			
10/08/2014	21:47:33	2033	7.5	8.30	52.2			
10/08/2014	21:49:03	1996	7.5	8.30	63.5			

Well		Field		Job Start		Customer		Job Number	
Nelson Farms #3		Wattenberg		Oct/08/2014		Extraction Oil & Gas		C459-03204	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
10/08/2014	21:51:01	1946	7.5	8.31	78.3	Circulate DP			
10/08/2014	21:52:03	1908	7.5	8.31	86.0				
10/08/2014	21:53:33	1871	7.5	8.31	97.3				
10/08/2014	21:55:03	1837	7.5	8.31	108.6				
10/08/2014	21:56:33	1808	7.5	8.31	119.9				
10/08/2014	21:58:03	1744	7.6	8.31	131.2				
10/08/2014	21:59:33	1625	7.5	8.31	142.5				
10/08/2014	22:01:02	1484	7.6	8.31	153.7	Cement to surface			
10/08/2014	22:01:03	1484	7.6	8.31	153.9				
10/08/2014	22:02:33	1414	7.6	8.31	165.2				
10/08/2014	22:04:03	11	0.0	8.31	171.6				

### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl				
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2		
4.8		3.3	7.6	171.6	30.0	0.0			
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density		
5051	1550	1250	2500			bbl	lb/gal		
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume	15.0 bbl		
%	139.0 bbl	163.0 bbl	72 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"/>
Justin Galore			William Adkison			-		-	