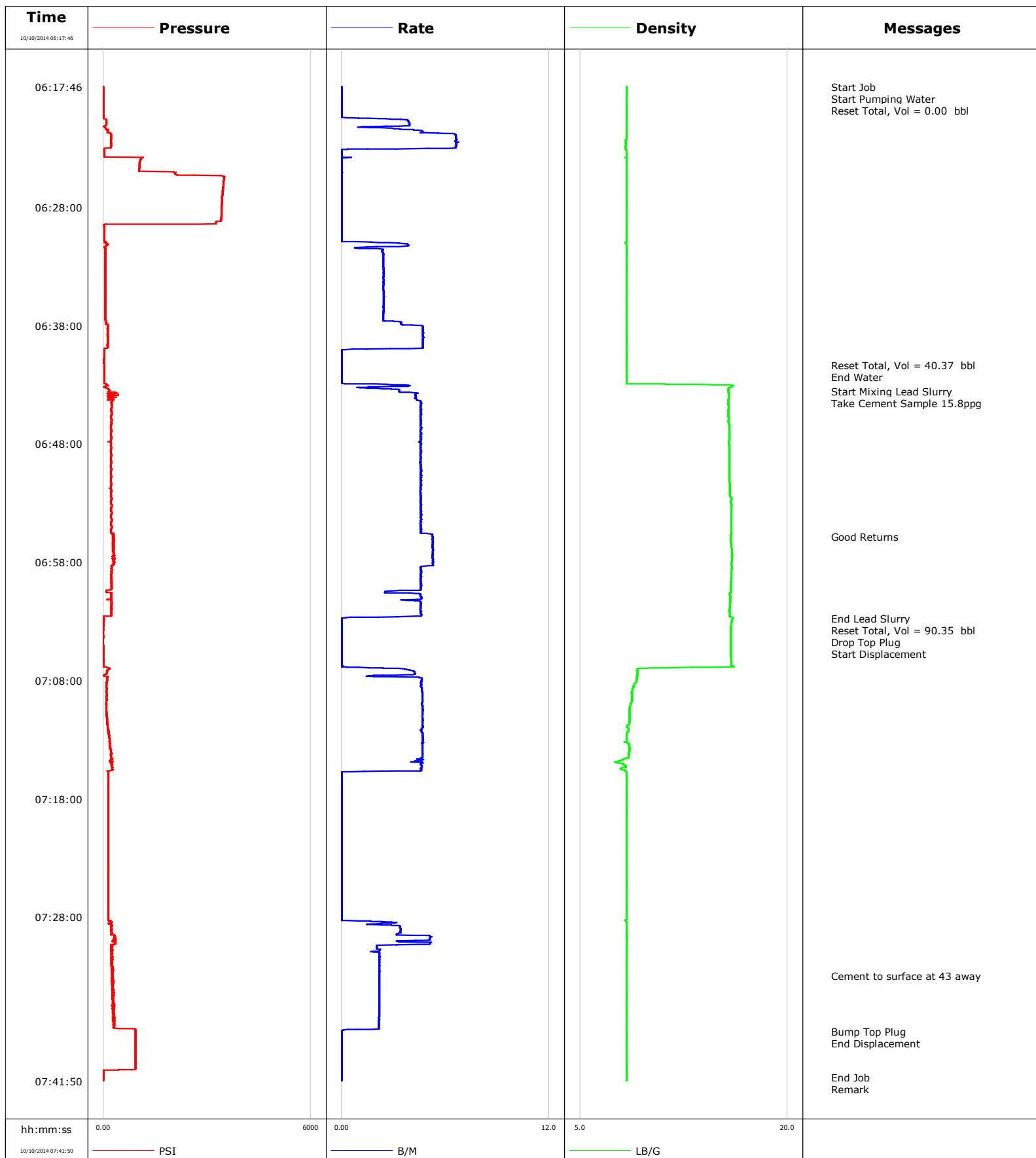


Well Nelson Farms #4
Field Wattenberg
Engineer William Adkison
Country United States

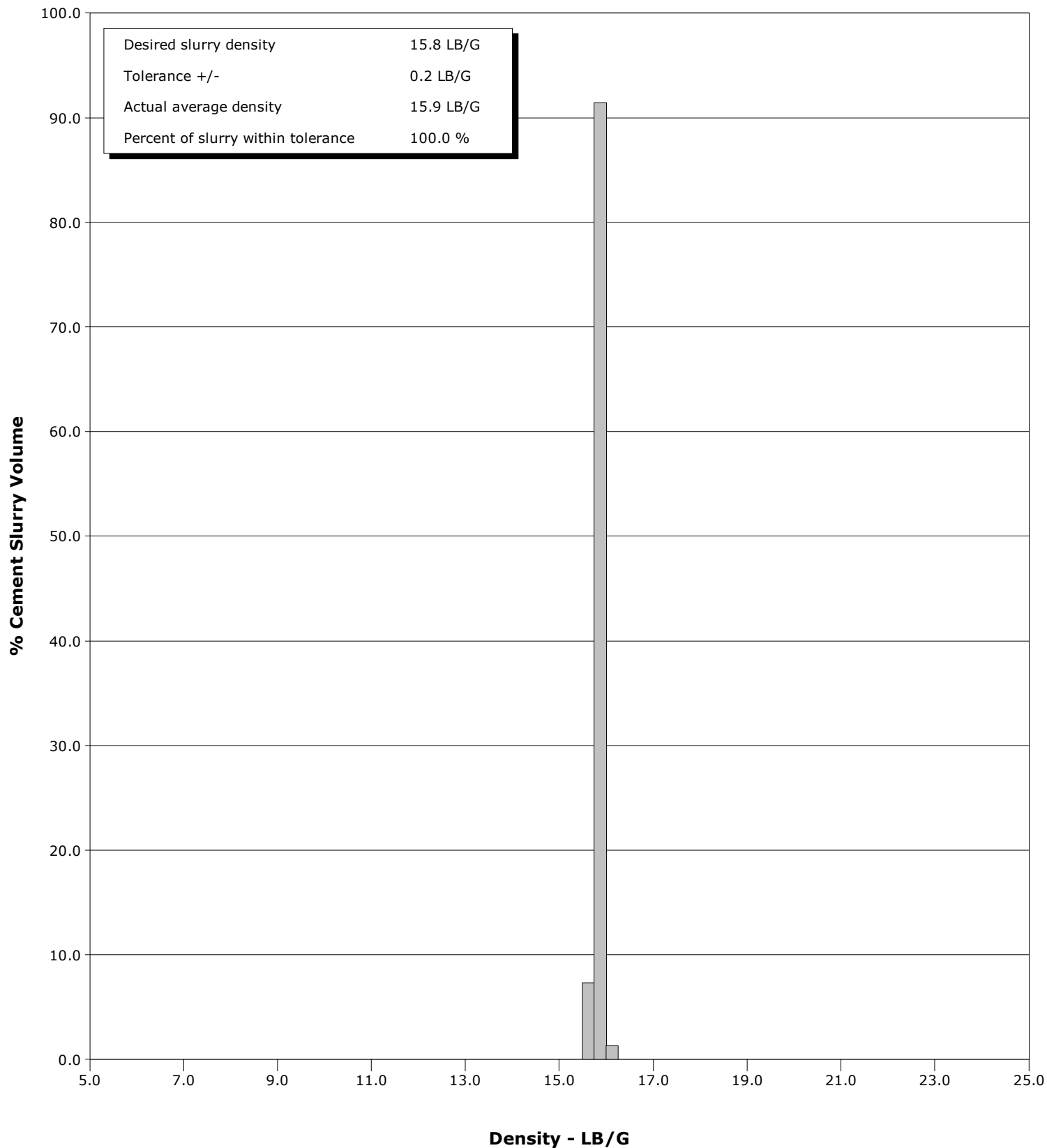
Client Extraction Oil Gas
SIR No. D40W-00088
Job Type Surface
Job Date 10-10-2014



Well Nelson Farms #4
Field Wattenberg
Engineer William Adkison
Country United States

Client Extraction Oil Gas
SIR No. D40W-00088
Job Type Surface
Job Date 10-10-2014

Cement Slurry - 10/10/2014 06:43:58 to 10/10/2014 07:01:32



Cementing Service Report

				Customer Extraction Oil & Gas			Job Number D40W-00088	
Well Nelson Farms #4			Location (legal) Cheyenne Wy,			Schlumberger Location Rock Springs, Wy		Job Start Oct/10/2014
Field Wattenberg		Formation Name/Type		Deviation deg	Bit Size in	Well MD 801.0 ft		Well TVD 801.0 ft
County Weld		State/Province Colorado		BHP 500 psi	BHST 89 degF	BHCT 80 degF	Pore Press. Gradient lb/gal	
Well Master 0631578362		API/UWI						
Rig Name xTREME &		Drilled For Oil & Gas		Service Via Land		Casing/Liner		
						Depth, ft	Size, in	Weight, lb/ft
Offshore Zone		Well Class New		Well Type Development		801.0	9.6	36.0
						0.0	0.0	0.0
Drilling Fluid Type Water		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe		
						T/D	Depth, ft	Size, in
Service Line Cementing		Job Type Surface						
Max. Allowed Tub. Press 1000 psi		Max. Allowed Ann. Press 750 psi		WH Connection Single Cement head		Perforations/Open Hole		
						Top, ft	Bottom, ft	shot/ft
								No. of Shots
								Total Interval
								Diameter
								in
						Treat Down Casing	Displacement 60.0 bbl	Packer Type
								Packer Depth
								ft
						Tubing Vol. bbl	Casing Vol. 63.0 bbl	Annular Vol. 64.0 bbl
								Openhole Vol. 64.0 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 750 psi				Shoe Type Float		Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 801.5 ft		Tool Type		
No. Centralizers		Top Plugs 1		Bottom Plugs		Stage Tool Type		Tool Depth ft
Cement Head Type Single						Stage Tool Depth ft		Tail Pipe Size in
Job Scheduled For Oct/10/2014 02:00		Arrived on Location Oct/10/2014 02:00		Leave Location Oct/10/2014 08:30		Collar Type Float		Tail Pipe Depth ft
						Collar Depth 778.5 ft		Sqz. Total Vol. bbl
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
10/10/2014	06:17:46	10	0.0	8.38	0.0	Started Acquisition		
10/10/2014	06:17:47	10	0.0	8.38	0.0	Start Job		
10/10/2014	06:17:49	10	0.0	8.38	0.0	Start Pumping Water		
10/10/2014	06:17:52	10	0.0	8.38	0.0	Reset Total, Vol = 0.00 bbl		
10/10/2014	06:19:16	8	0.0	8.38	0.0			
10/10/2014	06:20:46	92	3.9	8.38	1.1			
10/10/2014	06:22:16	230	6.7	8.38	8.1			
10/10/2014	06:23:46	1158	0.2	8.29	13.3			
10/10/2014	06:25:16	2136	0.0	8.37	13.4			
10/10/2014	06:26:46	3451	0.0	8.38	13.4			
10/10/2014	06:28:16	3422	0.0	8.38	13.4			
10/10/2014	06:29:46	36	0.0	8.38	13.4			
10/10/2014	06:31:16	84	3.8	8.37	14.5			
10/10/2014	06:32:46	64	2.4	8.37	18.0			
10/10/2014	06:34:16	65	2.4	8.37	21.6			
10/10/2014	06:35:46	65	2.4	8.37	25.3			
10/10/2014	06:37:16	62	2.4	8.37	28.9			
10/10/2014	06:38:46	128	4.7	8.37	34.8			
10/10/2014	06:40:16	36	0.0	8.38	40.4			
10/10/2014	06:41:20	31	0.0	8.37	0.0	Reset Total, Vol = 40.37 bbl		
10/10/2014	06:41:23	31	0.0	8.37	0.0	End Water		

Well			Field		Job Start		Customer		Job Number	
Nelson Farms #4			Wattenberg		Oct/10/2014		Extraction Oil & Gas		D40W-00088	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
10/10/2014	06:43:16	91	1.5	15.78	0.9					
10/10/2014	06:43:33	182	3.3	15.74	1.8	Start Mixing Lead Slurry				
10/10/2014	06:43:44	122	4.4	15.75	2.5	Take Cement Sample 15.8ppg				
10/10/2014	06:44:46	252	4.6	15.75	7.0					
10/10/2014	06:46:16	243	4.6	15.78	13.9					
10/10/2014	06:47:46	221	4.6	15.78	20.8					
10/10/2014	06:49:16	223	4.6	15.80	27.7					
10/10/2014	06:50:46	250	4.6	15.80	34.6					
10/10/2014	06:52:16	223	4.6	15.83	41.4					
10/10/2014	06:53:46	249	4.6	15.95	48.3					
10/10/2014	06:55:16	227	4.6	15.94	55.2					
10/10/2014	06:55:50	319	5.3	15.92	58.0	Good Returns				
10/10/2014	06:56:46	285	5.3	15.96	62.9					
10/10/2014	06:58:16	261	5.3	15.95	70.8					
10/10/2014	06:59:46	241	4.6	15.93	77.7					
10/10/2014	07:01:16	231	4.5	15.87	84.1					
10/10/2014	07:02:45	17	0.0	16.04	90.3	End Lead Slurry				
10/10/2014	07:02:46	17	0.0	16.04	90.3					
10/10/2014	07:03:00	14	0.0	15.98	0.0	Reset Total, Vol = 90.35 bbl				
10/10/2014	07:03:03	15	0.0	15.97	0.0	Drop Top Plug				
10/10/2014	07:03:05	8	0.0	15.95	0.0	Start Displacement				
10/10/2014	07:04:16	1	0.0	15.91	0.0					
10/10/2014	07:05:46	5	0.0	15.92	0.0					
10/10/2014	07:07:16	116	4.2	9.15	1.4					
10/10/2014	07:08:46	110	4.6	8.80	7.7					
10/10/2014	07:10:16	96	4.7	8.61	14.7					
10/10/2014	07:11:46	143	4.7	8.57	21.8					
10/10/2014	07:13:16	189	4.7	8.52	28.8					
10/10/2014	07:14:46	246	4.6	7.89	35.8					
10/10/2014	07:16:16	146	0.0	8.38	39.9					
10/10/2014	07:17:46	146	0.0	8.38	39.9					
10/10/2014	07:19:16	146	0.0	8.38	39.9					
10/10/2014	07:20:46	146	0.0	8.38	39.9					
10/10/2014	07:22:16	147	0.0	8.37	39.9					
10/10/2014	07:23:46	147	0.0	8.37	39.9					
10/10/2014	07:25:16	146	0.0	8.38	39.9					
10/10/2014	07:26:46	145	0.0	8.38	39.9					
10/10/2014	07:28:16	144	0.0	8.28	39.9					
10/10/2014	07:29:46	322	5.1	8.39	44.8					
10/10/2014	07:31:16	244	2.2	8.37	49.4					
10/10/2014	07:32:46	296	2.2	8.37	52.7					
10/10/2014	07:32:56	287	2.2	8.37	53.0	Cement to surface at 43 away				
10/10/2014	07:34:16	312	2.2	8.37	56.0					
10/10/2014	07:35:46	331	2.2	8.37	59.2					
10/10/2014	07:37:16	338	2.2	8.37	62.5					
10/10/2014	07:37:39	933	0.0	8.37	63.0	Bump Top Plug				
10/10/2014	07:37:40	932	0.0	8.37	63.0	End Displacement				
10/10/2014	07:38:46	932	0.0	8.37	63.0					
10/10/2014	07:40:16	933	0.0	8.37	63.0					
10/10/2014	07:41:30	11	0.0	8.37	0.0	End Job				
10/10/2014	07:41:33	11	0.0	8.37	0.0	Remark				

Well Nelson Farms #4	Field Wattenberg	Job Start Oct/10/2014	Customer Extraction Oil & Gas	Job Number D40W-00088
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl						
Slurry 3.8	N2		Mud	Maximum Rate 6.8	Total Slurry 63.0	Mud 0.0		Spacer 0.0	N2		
Treating Pressure Summary, psi					Breakdown Fluid						
Maximum 3513	Final 11	Average 375	Bump Plug to 900	Breakdown	Type		Volume bbl		Density lb/gal		
Avg. N2 Percent %		Designed Slurry Volume 88.0 bbl		Displacement 63.0 bbl		Mix Water Temp 62 degF		Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume 26.0 bbl	
								Washed Thru Perfs	<input type="checkbox"/>	To ft	
Customer or Authorized Representative Justin Galore				Schlumberger Supervisor William Adkison				Circulation Lost	<input type="checkbox"/>	Job Completed	<input checked="" type="checkbox"/>
								-		-	