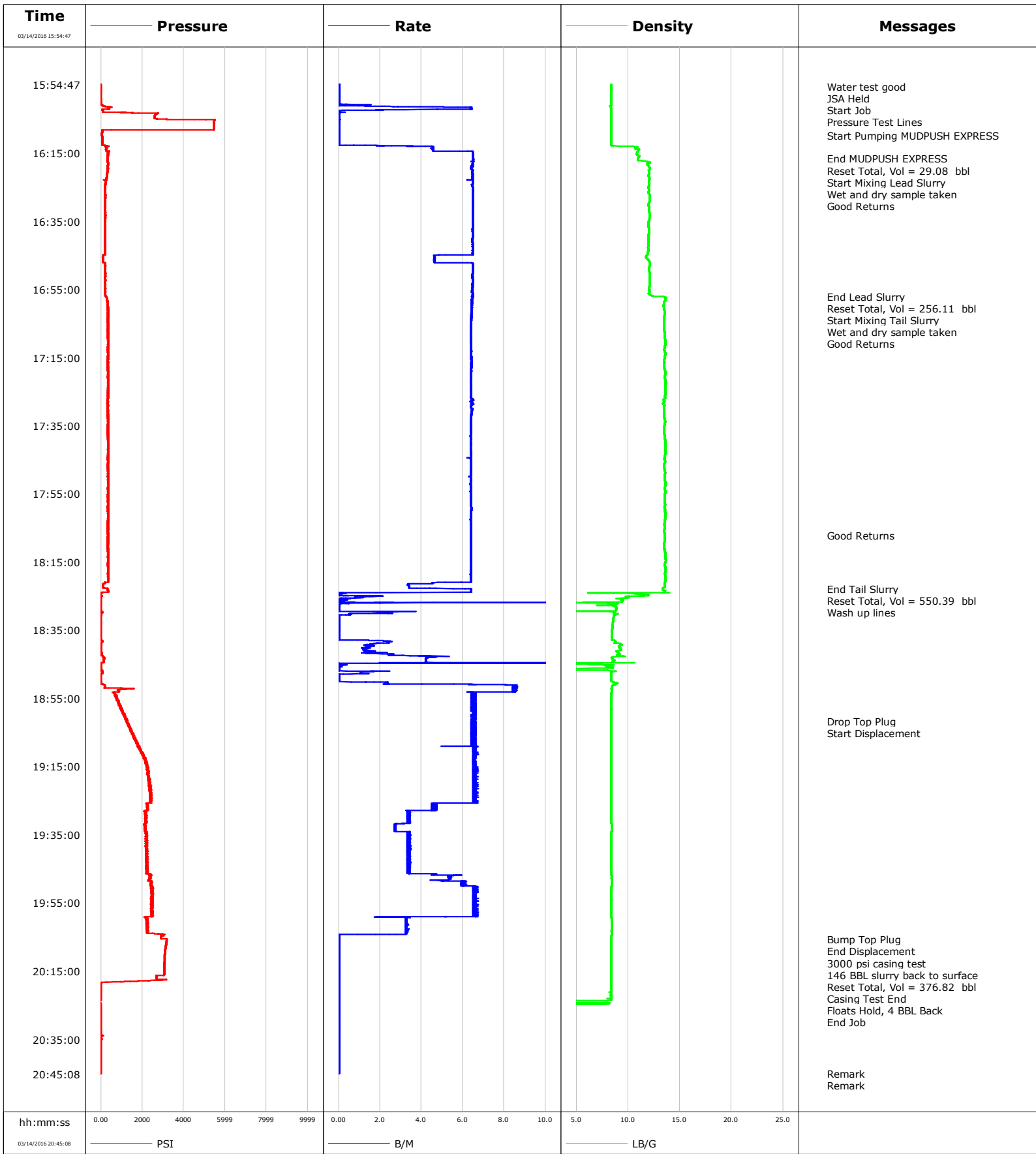


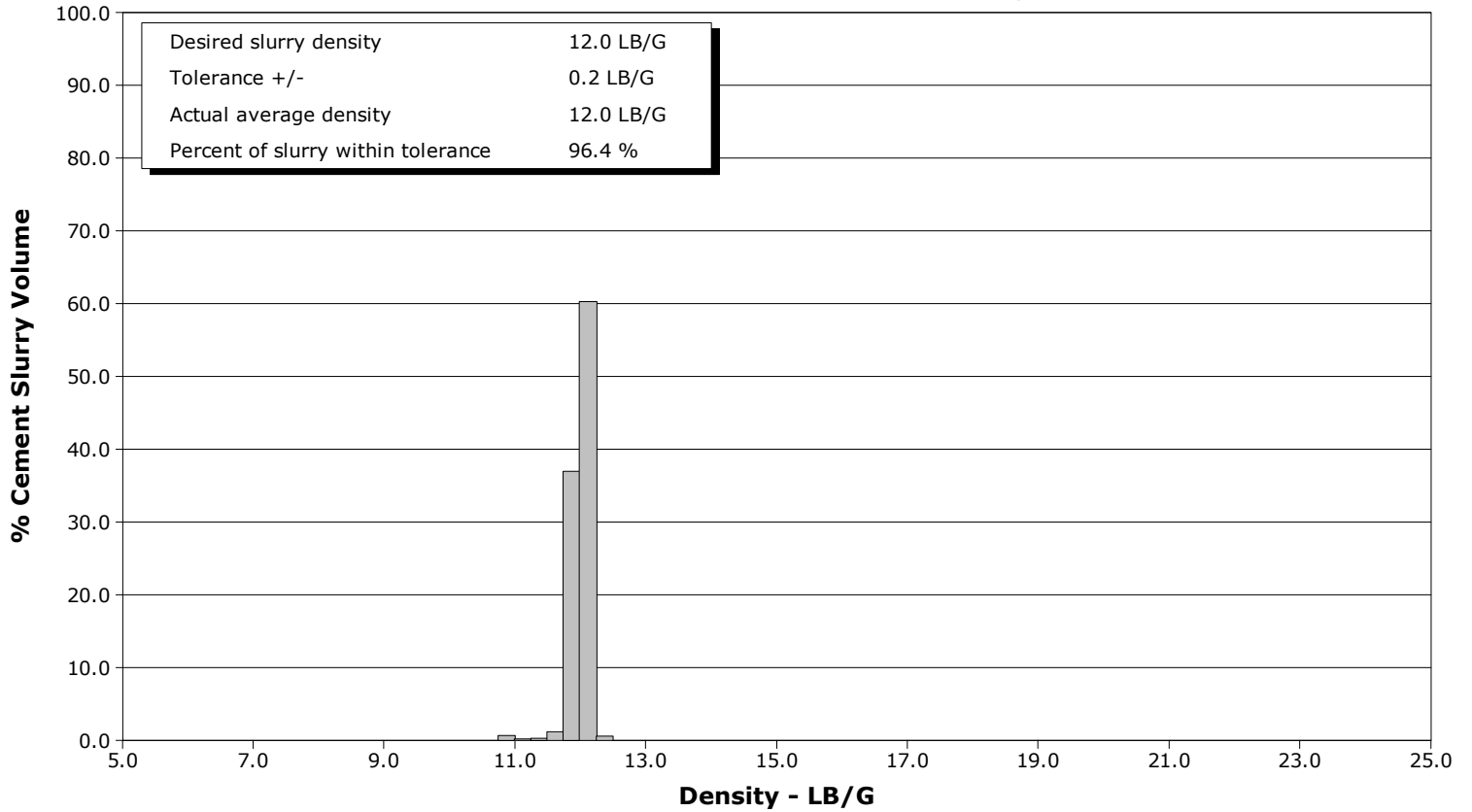
<b>Well</b>	State Antelope	<b>Client</b>	Bonanza Creek
<b>Field</b>	DJ Basin	<b>SIR No.</b>	DKFJ-00034
<b>Engineer</b>	Wayne Silvester	<b>Job Type</b>	Cem Prod Casing
<b>Country</b>	United States	<b>Job Date</b>	03-14-2016



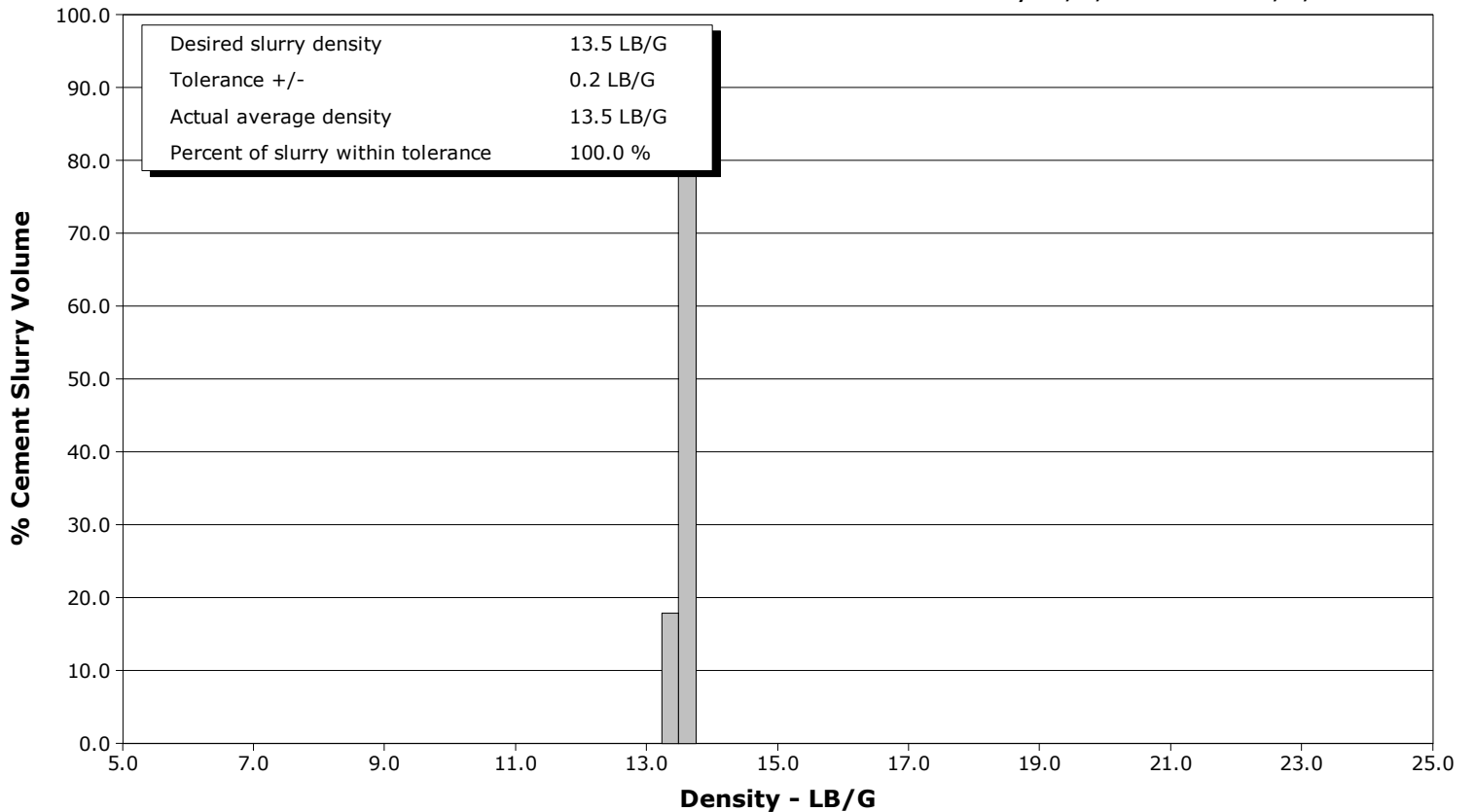
**Well** State Antelope  
**Field** DJ Basin  
**Engineer** Wayne Silvester  
**Country** United States

**Client** Bonanza Creek  
**SIR No.** DKFJ-00034  
**Job Type** Cem Prod Casing  
**Job Date** 03-14-2016

Lead Slurry - 03/14/2016 16:16:52 to 03/14/2016 16:56:57



Tail Slurry - 03/14/2016 16:57:05 to 03/14/2016 18:22:43



				Customer			Job Number		
				Bonanza Creek			DKFJ-00034		
Well		Location (legal)		Schlumberger Location		Job Start			
State Antelope 034-21-16XRLNB		2173		Cheyenne		Mar/14/2016			
Field		Formation Name/Type		Deviation	Bit Size	Well MD	Well TVD		
DJ Basin		Shale		deg	8.8 in	16170.0 ft	16170.0 ft		
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient		
Weld		Colorado		4024 psi	220 degF	220 degF	lb/gal		
Well Master		API/UWI							
0631665952									
Rig Name	Drilled For	Service Via	Casing/Liner						
XTREME 22	Oil & Gas	Land	Depth, ft		Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class	Well Type	16170.0	5.5	17.0	110	8RD		
	New	Development	0.0	0.0	0.0				
Drilling Fluid Type		Max. Density	Plastic Viscosity	Tubing/Drill Pipe					
LT OBM		9.50 lb/gal	cP	T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line	Job Type								
Cementing	Cem Prod Casing								
Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection	Perforations/Open Hole						
psi	psi	5 1/2	Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval		
Service Instructions			ft	ft			ft		
			ft	ft			Diameter		
			ft	ft			in		
Treat Down		Displacement		Packer Type		Packer Depth			
Casing		376.0 bbl				ft			
Tubing Vol.		Casing Vol.		Annular Vol.		Openhole Vol.			
bbl		376.0 bbl		77.8 bbl		653.1 bbl			
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement		Casing Tools			Squeeze Job		
<input type="checkbox"/>		<input type="checkbox"/>							
Lift Pressure		Shoe Type		Shoe Depth		Squeeze Type			
4024 psi		Float		16170.0 ft					
Pipe Rotated		Pipe Reciprocated		Stage Tool Type		Tool Depth			
<input type="checkbox"/>		<input type="checkbox"/>				ft			
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Depth		Tail Pipe Size			
		1		ft		in			
Cement Head Type		Job Scheduled For		Arrived on Location		Leave Location		Collar Type	
Double		Mar/14/2016		Mar/14/2016		Mar/14/2016		Float	
								Tail Pipe Depth	
								ft	
								Sqz. Total Vol.	
								bbl	
Date	Time 24-hr clock	Flow Rate B/M	Density LB/G	Volume BBL	CPF1_PRESS PSI	Message			
03/14/2016	15:54:47	0.0	8.37	0.0	-2	Started Acquisition			
03/14/2016	15:55:29	0.0	8.37	0.0	-1	Water test good			
03/14/2016	15:55:30	0.0	8.37	0.0	-1	JSA Held			
03/14/2016	15:55:41	0.0	8.37	0.0	-1	Start Job			
03/14/2016	15:59:41	0.0	8.37	0.2	1	Pressure Test Lines			
03/14/2016	15:59:48	0.0	8.37	0.2	1				
03/14/2016	16:04:49	0.0	8.37	6.4	2597				
03/14/2016	16:09:46	0.0	8.37	6.4	55	Start Pumping MUDPUSH EXPRESS			
03/14/2016	16:09:50	0.0	8.37	6.4	54				
03/14/2016	16:14:51	6.5	10.87	16.4	373				
03/14/2016	16:16:33	6.5	10.95	27.4	364	End MUDPUSH EXPRESS			
03/14/2016	16:16:47	6.5	10.94	29.0	341	Reset Total, Vol = 29.08 bbl			
03/14/2016	16:16:52	6.5	10.95	29.5	365	Start Mixing Lead Slurry			
03/14/2016	16:19:52	6.5	11.97	48.9	375				
03/14/2016	16:20:15	6.5	12.01	51.3	354	Wet and dry sample taken			
03/14/2016	16:24:48	6.5	11.98	80.7	233	Good Returns			
03/14/2016	16:24:53	6.5	11.98	81.3	238				
03/14/2016	16:29:54	6.5	11.98	113.8	231				
03/14/2016	16:34:55	6.5	11.99	146.2	229				
03/14/2016	16:39:56	6.5	11.95	178.7	221				
03/14/2016	16:44:57	4.6	11.81	211.0	115				

Well			Field		Job Start	Customer	Job Number
State Antelope O34-21-16XRLNB			DJ Basin		Mar/14/2016	Bonanza Creek	DKFJ-00034
Date	Time 24-hr clock	Flow Rate B/M	Density LB/G	Volume BBL	CPF1_PRESS PSI	Message	
03/14/2016	16:54:59	6.5	12.05	271.8	232		
03/14/2016	16:56:57	6.5	12.42	284.5	258	End Lead Slurry	
03/14/2016	16:57:02	6.5	13.33	285.1	249	Reset Total, Vol = 256.11 bbl	
03/14/2016	16:57:05	6.4	13.42	285.4	260	Start Mixing Tail Slurry	
03/14/2016	17:00:00	6.4	13.41	304.2	355		
03/14/2016	17:02:31	6.4	13.52	320.4	379	Wet and dry sample taken	
03/14/2016	17:05:01	6.4	13.51	336.4	393		
03/14/2016	17:09:26	6.4	13.56	364.6	391	Good Returns	
03/14/2016	17:10:02	6.4	13.57	368.4	404		
03/14/2016	17:15:03	6.4	13.55	400.5	379		
03/14/2016	17:20:04	6.4	13.57	432.6	374		
03/14/2016	17:25:05	6.4	13.58	464.7	390		
03/14/2016	17:30:06	6.5	13.44	496.8	379		
03/14/2016	17:35:07	6.4	13.51	528.9	391		
03/14/2016	17:40:08	6.4	13.58	561.0	372		
03/14/2016	17:45:09	6.4	13.55	593.0	392		
03/14/2016	17:50:10	6.4	13.54	625.0	371		
03/14/2016	17:55:11	6.4	13.54	657.0	377		
03/14/2016	18:00:12	6.4	13.56	689.1	381		
03/14/2016	18:05:13	6.4	13.52	721.1	361		
03/14/2016	18:07:04	6.4	13.54	732.9	373	Good Returns	
03/14/2016	18:10:14	6.4	13.45	753.1	347		
03/14/2016	18:15:15	6.4	13.57	785.2	363		
03/14/2016	18:20:16	6.4	13.59	817.2	388		
03/14/2016	18:22:43	5.6	13.36	828.1	320	End Tail Slurry	
03/14/2016	18:24:00	0.2	6.11	835.5	-39	Reset Total, Vol = 550.39 bbl	
03/14/2016	18:24:02	0.0	6.65	835.5	-36	Wash up lines	
03/14/2016	18:25:17	1.0	9.90	836.2	-9		
03/14/2016	18:30:18	0.5	8.84	839.1	-1		
03/14/2016	18:35:19	0.0	8.44	839.3	-10		
03/14/2016	18:40:20	1.2	9.30	843.6	3		
03/14/2016	18:45:21	0.0	7.81	858.4	-13		
03/14/2016	18:50:22	2.4	8.88	860.0	-31		
03/14/2016	18:55:23	6.5	8.39	895.2	802		
03/14/2016	19:00:24	6.6	8.38	928.1	1161		
03/14/2016	19:01:34	6.6	8.38	935.7	1230	Drop Top Plug	
03/14/2016	19:01:45	6.5	8.38	936.9	1234	Start Displacement	
03/14/2016	19:05:25	6.5	8.38	960.9	1514		
03/14/2016	19:10:26	6.5	8.38	993.7	1933		
03/14/2016	19:15:27	6.6	8.38	1026.6	2231		
03/14/2016	19:20:28	6.5	8.38	1059.6	2366		
03/14/2016	19:25:29	6.6	8.38	1092.6	2422		
03/14/2016	19:30:30	3.4	8.38	1112.9	2224		
03/14/2016	19:35:31	3.4	8.39	1128.4	2186		
03/14/2016	19:40:32	3.3	8.39	1145.3	2187		
03/14/2016	19:45:33	3.3	8.39	1162.3	2171		
03/14/2016	19:50:34	6.5	8.39	1188.8	2503		
03/14/2016	19:55:35	6.5	8.39	1221.9	2447		
03/14/2016	20:00:36	3.3	8.40	1249.5	2182		
03/14/2016	20:05:35	0.0	8.38	1261.3	3176	Bump Top Plug	
03/14/2016	20:05:37	0.0	8.38	1261.3	3175		
03/14/2016	20:05:40	0.0	8.38	1261.3	3173	End Displacement	
03/14/2016	20:05:47	0.0	8.38	1261.3	3172	3000 psi casing test	
03/14/2016	20:07:20	0.0	8.38	1261.3	3135	146 BBL slurry back to surface	

Well		Field		Job Start		Customer		Job Number	
State Antelope 034-21-16XRLNB		DJ Basin		Mar/14/2016		Bonanza Creek		DKFJ-00034	
Date	Time 24-hr clock	Flow Rate B/M	Density LB/G	Volume BBL	CPF1_PRESS PSI	Message			
03/14/2016	20:10:38	0.0	8.38	1261.3	3078				
03/14/2016	20:15:39	0.0	8.38	1261.3	3041				
03/14/2016	20:15:48	0.0	8.38	1261.3	3040	Casing Test End			
03/14/2016	20:16:06	0.0	8.38	1261.3	3039	Floats Hold, 4 BBL Back			
03/14/2016	20:19:01	0.0	8.38	1261.3	-11	End Job			
03/14/2016	20:20:40	0.0	8.38	1261.3	-20				
03/14/2016	20:25:41	0.0	0.08	1261.3	-5				
03/14/2016	20:30:42	0.0	0.07	1261.3	-5				
03/14/2016	20:35:43	0.0	0.07	1261.3	-6				
03/14/2016	20:40:44	0.0	0.08	1261.3	-7				

### Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
5.4			25.0	1261.4	0.0	27.5	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
5487	-6	1049				bbl	lb/gal
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?		Volume
%	782.0 bbl		325.6 bbl	60 degF	<input type="checkbox"/>		bbl
Customer or Authorized Representative				Schlumberger Supervisor		Washed Thru Perfs	
Wayne Silvester				Wayne Silvester		<input type="checkbox"/>	
				Circulation Lost		Job Completed	
				-		<input type="checkbox"/>	