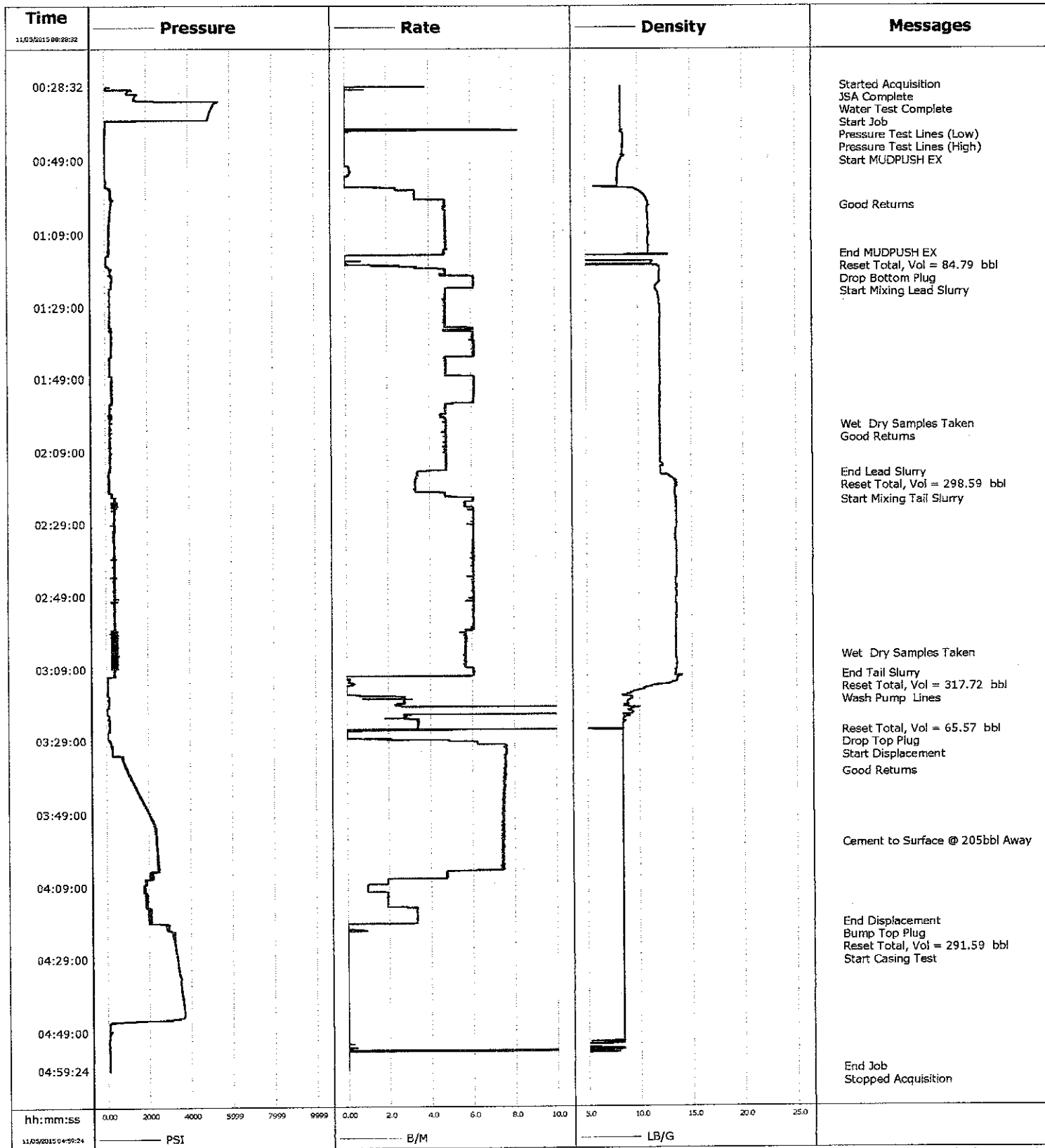


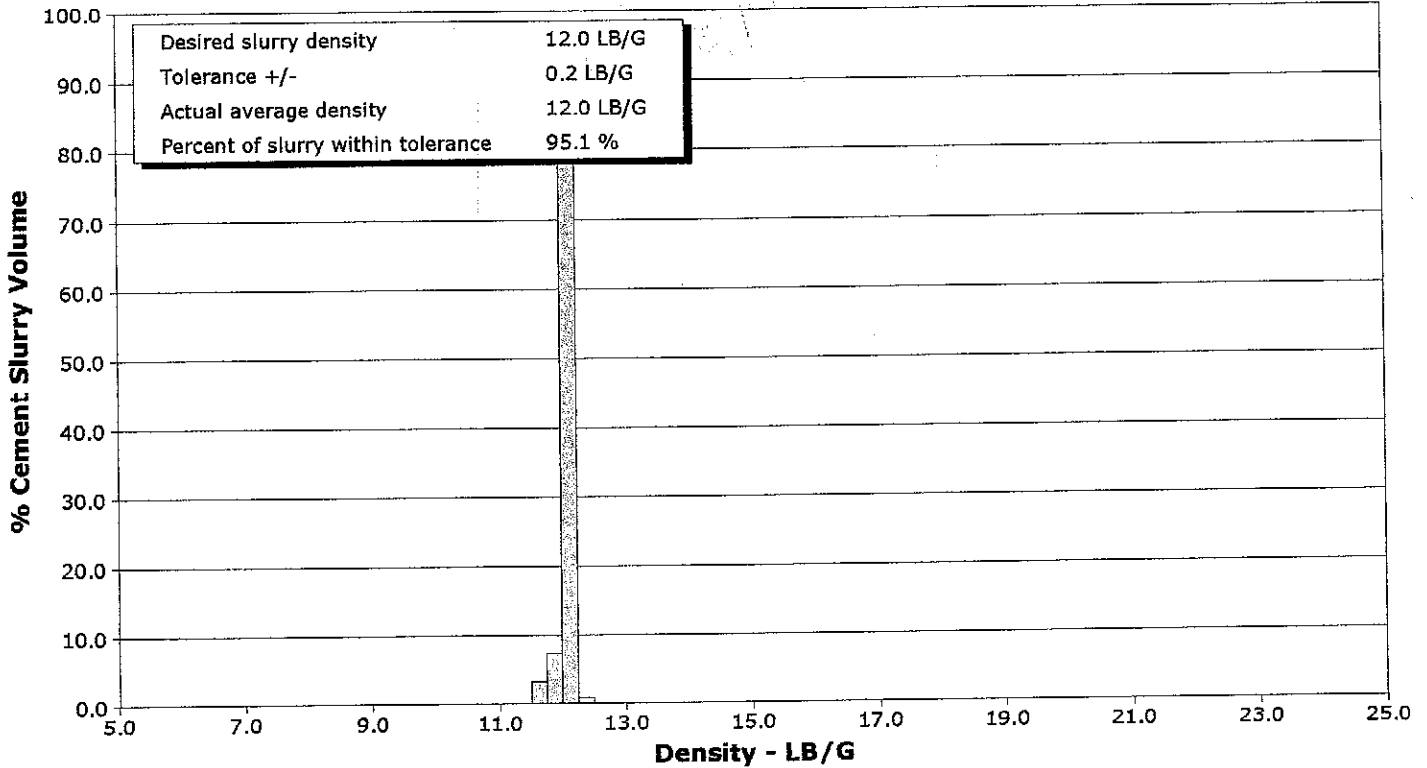
<b>Well</b>	Sunflower	<b>Client</b>	Anadarko
<b>Field</b>	Wattenberg	<b>SIR No.</b>	DAXH-00487
<b>Engineer</b>	Wayne Silvester/Taylor Baird	<b>Job Type</b>	Monobore
<b>Country</b>	United States	<b>Job Date</b>	11-05-2015



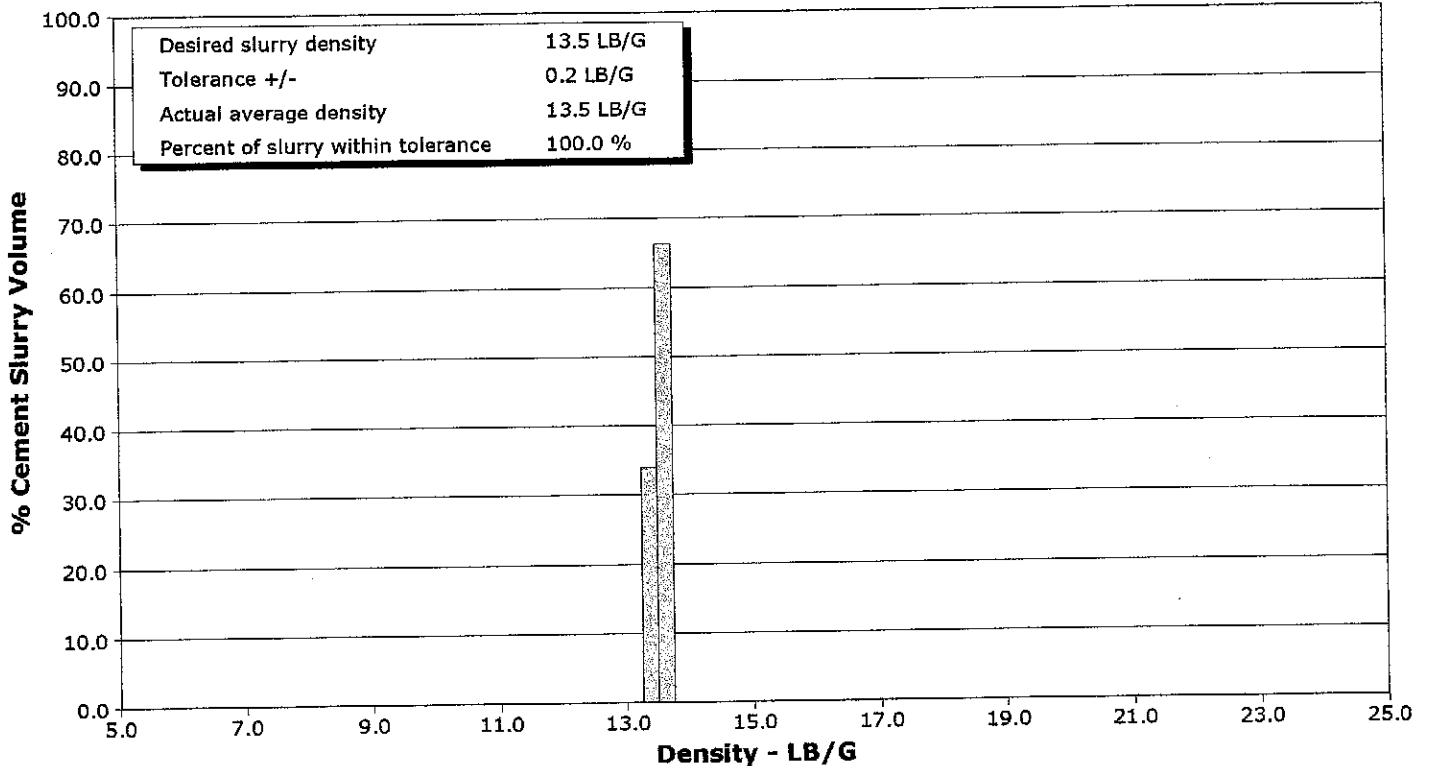
**Well** Sunflower  
**Field** Wattenberg  
**Engineer** Wayne Silvester/Taylor Baird  
**Country** United States

**Client** Anadarko  
**SIR No.** DAXH-00487  
**Job Type** Monobore  
**Job Date** 11-05-2015

Lead Slurry - 11/05/2015 01:18:37 to 11/05/2015 02:15:24



Tail Slurry - 11/05/2015 02:22:54 to 11/05/2015 03:11:05



				Customer Anadarko		Job Number DAXH-00487	
Well Sunflower 24N-17HZ		Location (legal) 217304		Schlumberger Location Cheyenne		Job Start Nov/05/2015	
Field Wattenberg		Formation Name/Type Shale		Deviation deg 8.5 in		Well MD 12554.6 ft	
County Weld		State/Province Colorado		BHP 3000 psi		Well TVD 12642.2 ft	
Well Master 0631651868		API/UWI 05123420730000		BHST 232 degF		BHCT 228 degF	
Rig Name P461		Drilled For Oil & Gas		Service Via Land		Pore Press. Gradient lb/gal	
Offshore Zone		Well Class New		Well Type Other			
Drilling Fluid Type LT OBM		Max. Density 9.50 lb/gal		Plastic Viscosity cP			
Service Line Cementing		Job Type Monobore					
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection 5 1/2			
Service Instructions 1.Rig-Up, Prime-Up Pressure-Test (2.5% variance in 3 minutes) per Standard 5 2.Confirm design with Client Representative 3.Check Mud Density and Rheology. 4.Perform Water Quality test prior to job. 5.Pump MUDPUSH Express at least 0.2ppg heavier than Mud. 6.DO NOT PUMP ANY SLURRY BELOW MUD WEIGHT!! 7.Wash up to pit, clear line until freshwater observed at pits. 8.COUNT EXACT TANKS ON DISPLACEMENT.							
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>		Casing Tools		Squeeze Job	
Lift Pressure 9046 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type Float	
No. Centralizers		Top Plugs 1		Bottom Plugs 1		Shoe Depth 12642.2 ft	
Cement Head Type Single		Job Scheduled For Nov/05/2015		Arrived on Location Nov/05/2015		Leave Location Nov/05/2015	
Stage Tool Type		Stage Tool Depth ft		Collar Type Float		Tool Type	
Collar Depth 12554.6 ft		Collar Depth 12554.6 ft		Squeeze Type		Tool Depth ft	
Tail Pipe Size in		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			
11/05/2015		00:28:32		3.8		8.36	
11/05/2015		00:28:35		3.7		8.36	
11/05/2015		00:28:41		0.5		8.36	
11/05/2015		00:29:11		0.0		8.36	
11/05/2015		00:30:50		0.0		8.36	
11/05/2015		00:33:33		0.0		8.37	
11/05/2015		00:34:32		0.0		8.37	
11/05/2015		00:38:34		0.0		8.37	
11/05/2015		00:40:35		7.5		8.38	
11/05/2015		00:43:35		0.0		8.55	
11/05/2015		00:48:36		0.0		8.35	
11/05/2015		00:53:37		0.0		8.05	
11/05/2015		00:58:38		3.3		10.62	
11/05/2015		01:01:36		4.8		10.92	
11/05/2015		01:03:39		4.8		10.95	
11/05/2015		01:08:40		4.8		11.03	
11/05/2015		01:13:41		4.7		11.02	
11/05/2015		01:14:42		0.0		7.11	
11/05/2015		01:15:09		0.0		0.07	
11/05/2015		01:15:21		0.0		0.06	
11/05/2015		01:18:37		4.6		12.05	
Started Acquisition							
ISA Complete							
Water Test Complete							
Start Job							
Pressure Test Lines (Low)							
Pressure Test Lines (High)							
Start MUDPUSH EX							
Good Returns							
End MUDPUSH EX							
Reset Total, Vol = 84.79 bbl							
Drop Bottom Plug							
Start Mixing Lead Slurry							

Well			Field	Job Start	Customer	Job Number
Sunflower 24N-17HZ			Wattenberg	Nov/05/2015	Anadarko	DAXH-00487
Date	Time 24-hr clock	Flow Rate B/M	Density LB/G	Volume BBL	CPFI PRESS PSI	Message
11/05/2015	01:23:43	5.7	11.61	128.4	212	
11/05/2015	01:28:44	4.8	12.07	152.4	221	
11/05/2015	01:33:45	4.8	12.04	176.3	209	
11/05/2015	01:38:46	6.1	12.08	205.1	310	
11/05/2015	01:43:47	4.8	12.04	234.6	196	
11/05/2015	01:48:48	6.1	12.07	259.4	302	
11/05/2015	01:53:49	6.1	12.04	290.2	308	
11/05/2015	01:58:50	4.6	12.02	316.6	193	
11/05/2015	02:02:15	4.8	12.04	332.7	227	Wet Dry Samples Taken
11/05/2015	02:03:51	4.8	12.03	340.3	218	
11/05/2015	02:04:51	4.8	12.03	345.1	219	Good Returns
11/05/2015	02:08:52	4.8	12.04	364.3	220	
11/05/2015	02:13:53	4.8	12.05	388.3	207	
11/05/2015	02:15:24	3.4	12.05	394.0	118	End Lead Slurry
11/05/2015	02:15:27	3.4	12.11	394.2	123	Reset Total, Vol = 298.59 bbl
11/05/2015	02:18:54	3.3	13.50	405.7	163	
11/05/2015	02:22:54	5.7	13.50	424.4	433	Start Mixing Tail Slurry
11/05/2015	02:23:55	5.7	13.52	430.2	285	
11/05/2015	02:28:56	6.1	13.56	460.5	379	
11/05/2015	02:33:57	6.1	13.49	490.9	369	
11/05/2015	02:38:58	6.1	13.54	521.3	367	
11/05/2015	02:43:59	6.1	13.51	551.7	382	
11/05/2015	02:49:00	6.1	13.51	582.1	377	
11/05/2015	02:54:01	6.1	13.51	612.4	370	
11/05/2015	02:59:02	5.5	13.46	642.6	346	
11/05/2015	03:04:03	5.7	13.49	671.1	392	
11/05/2015	03:05:37	5.7	13.50	680.0	515	Wet Dry Samples Taken
11/05/2015	03:09:04	6.1	13.52	699.7	401	
11/05/2015	03:11:05	3.7	13.70	711.9	57	End Tail Slurry
11/05/2015	03:11:08	0.0	14.00	711.9	61	Reset Total, Vol = 317.72 bbl
11/05/2015	03:11:13	0.0	13.95	711.9	59	Wash Pump Lines
11/05/2015	03:14:05	0.0	11.17	712.3	49	
11/05/2015	03:19:06	2.3	8.80	718.9	72	
11/05/2015	03:24:07	3.4	8.41	770.3	149	
11/05/2015	03:26:31	0.0	8.36	777.5	59	Reset Total, Vol = 65.57 bbl
11/05/2015	03:28:20	0.0	8.36	777.5	50	Drop Top Plug
11/05/2015	03:28:21	0.0	8.36	777.5	49	Start Displacement
11/05/2015	03:29:08	4.9	8.37	779.8	165	
11/05/2015	03:34:09	7.5	8.36	816.4	766	
11/05/2015	03:38:03	7.5	8.36	845.8	1061	Good Returns
11/05/2015	03:39:10	7.5	8.36	854.2	1151	
11/05/2015	03:44:11	7.5	8.36	891.8	1590	
11/05/2015	03:49:12	7.5	8.36	929.1	2035	
11/05/2015	03:54:13	7.4	8.36	966.4	2325	
11/05/2015	03:57:23	7.4	8.36	989.9	2342	Cement to Surface @ 205bbl Away
11/05/2015	03:59:14	7.4	8.36	1003.6	2375	
11/05/2015	04:04:15	7.4	8.36	1040.8	2436	
11/05/2015	04:09:16	1.0	8.36	1057.2	1750	
11/05/2015	04:14:17	1.9	8.36	1065.7	1858	
11/05/2015	04:19:18	0.4	8.36	1081.6	2886	
11/05/2015	04:19:24	0.0	8.36	1081.6	2792	End Displacement
11/05/2015	04:20:24	0.0	8.36	1081.6	2870	Bump Top Plug
11/05/2015	04:21:24	0.0	8.36	1081.8	3080	Reset Total, Vol = 291.59 bbl
11/05/2015	04:24:19	0.0	8.36	1081.8	3202	

Well			Field		Job Start		Customer		Job Number	
Sunflower 24N-17HZ			Wattenberg		Nov/05/2015		Anadarko		DAXH-00487	
Date	Time 24-hr clock	Flow Rate B/M	Density LB/G	Volume BBL	CPF1_PRESS PSI	Message				
11/05/2015	04:29:20	0.0	8.36	1081.8	3335					
11/05/2015	04:34:21	0.0	8.37	1081.8	3494					
11/05/2015	04:39:22	0.0	8.37	1081.8	3584					
11/05/2015	04:44:23	0.0	8.37	1081.8	3637					
11/05/2015	04:49:24	0.0	8.37	1081.8	71					
11/05/2015	04:54:25	0.0	0.01	1083.1	47					

### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 5.4	N2	Med	Maximum Rate 8.3	Total Slurry 615.3	Mud 0.0	Spacer 10.3	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 5337	Final 47	Average 914	Bump Plug to 3500	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 548.0 bbl	Displacement 291.6 bbl	Mix Water Temp 75 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 86.0 bbl			
				Washed Thru Perfs <input type="checkbox"/>	To ft			
Customer or Authorized Representative				Schlumberger Supervisor Wayne Silvester/Taylor Baird	Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		