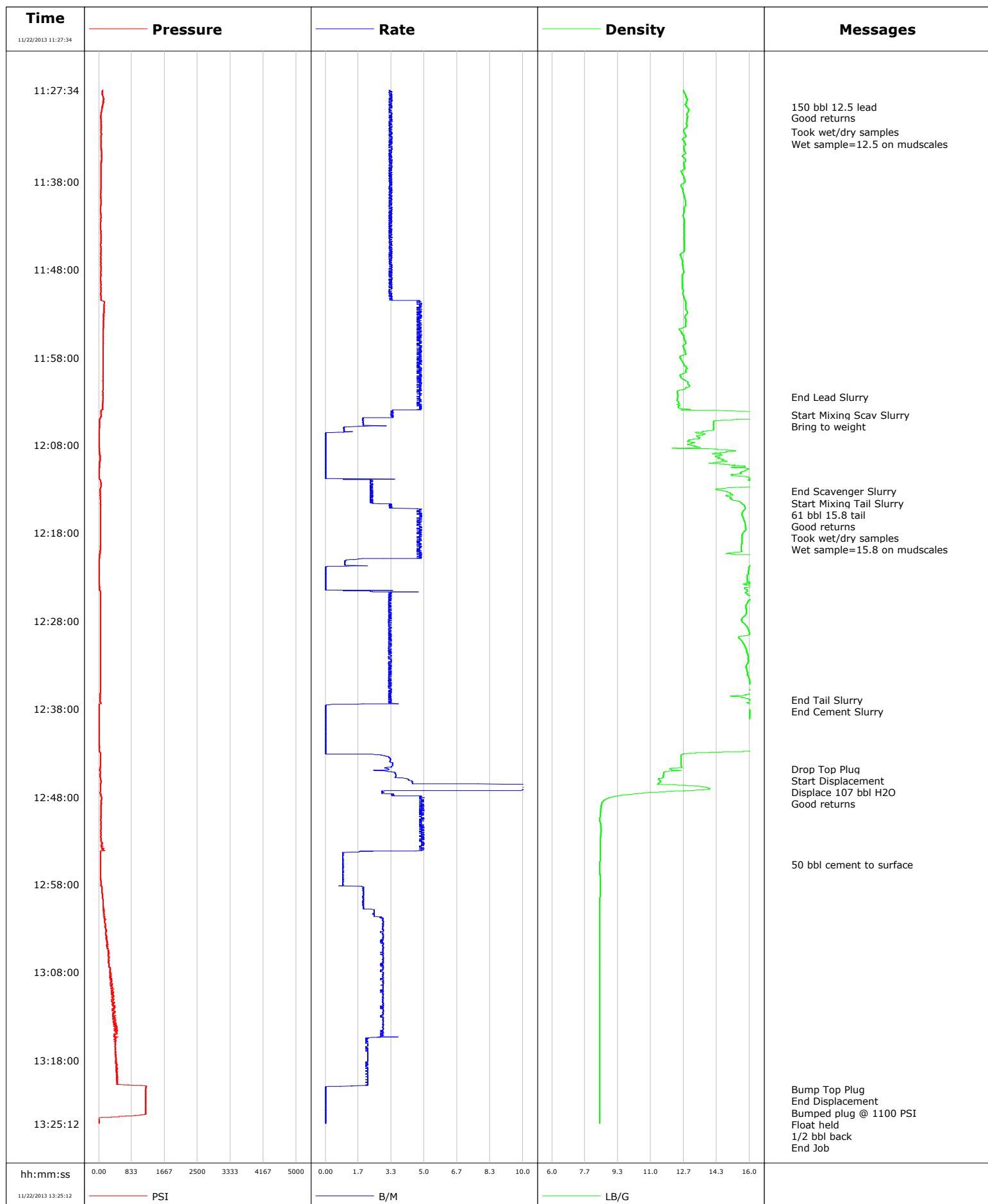


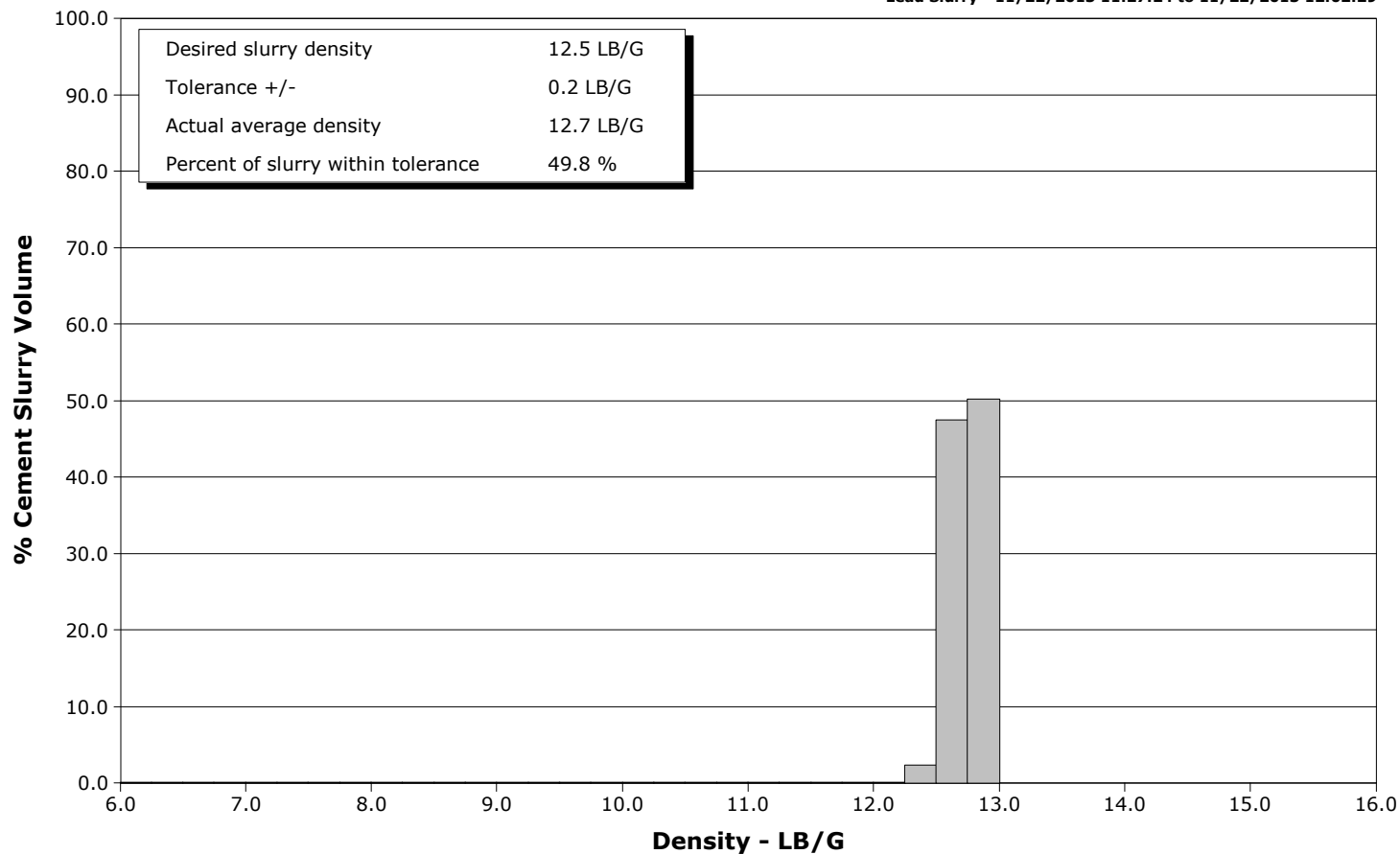
Well	BAT 33B-24-07	Client	Ursa
Field	Battlement Mesa	SIR No.	CFAO-01058
Engineer	Matt Fair/Mike Reedy	Job Type	Surface
Country	United States	Job Date	11-22-2013



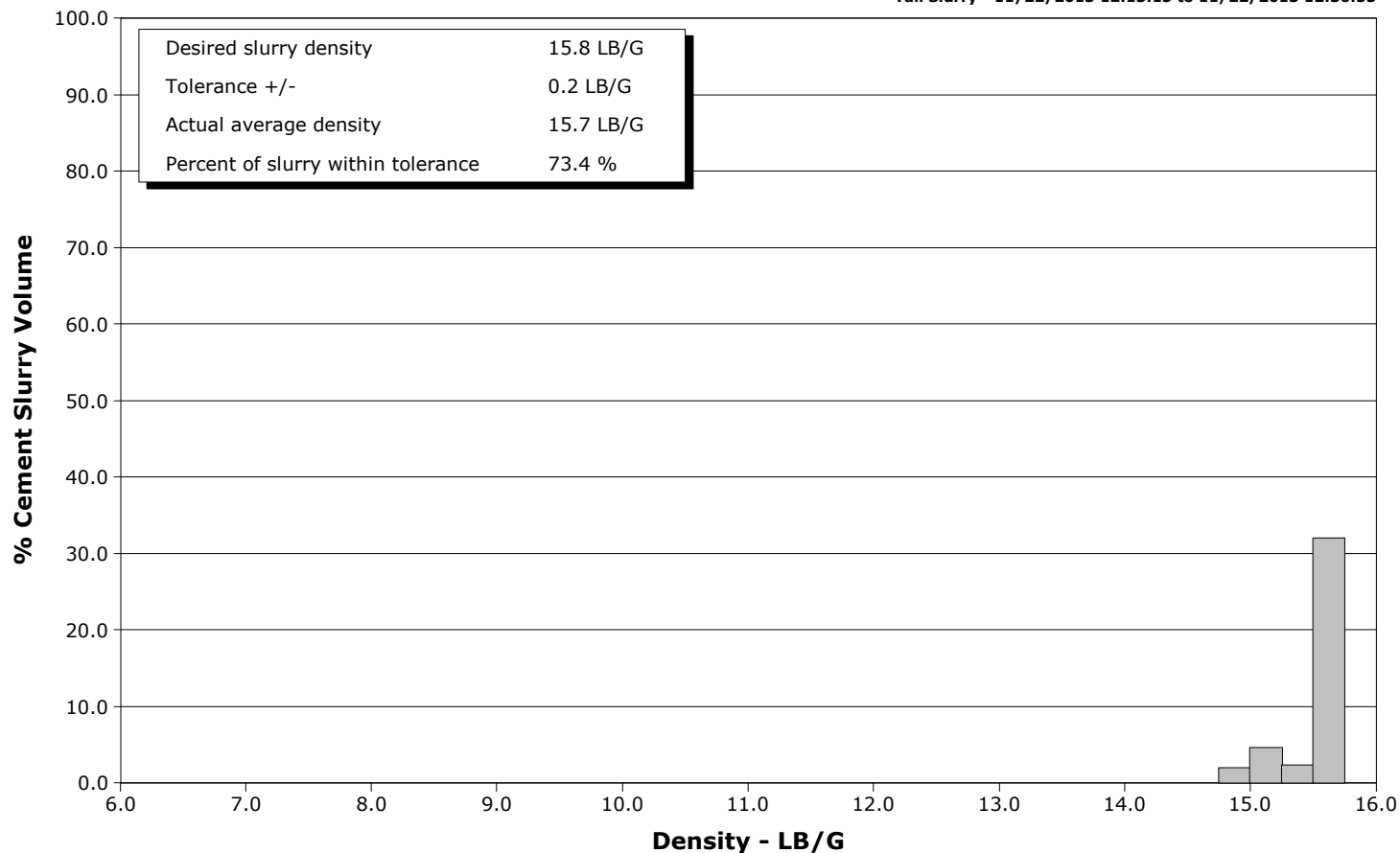
Well BAT 33B-24-07
Field Battlement Mesa
Engineer Matt Fair/Mike Reedy
Country United States

Client Ursa
SIR No. CFAO-01058
Job Type Surface
Job Date 11-22-2013

Lead Slurry - 11/22/2013 11:27:24 to 11/22/2013 12:02:29



Tail Slurry - 11/22/2013 12:13:15 to 11/22/2013 12:36:55



					Customer Ursa			Job Number CFAO-01058									
Well BAT 33B-24-07				Location (legal)			Schlumberger Location			Job Start Nov/22/2013							
Field Battlement Mesa		Formation Name/Type Shale			Deviation deg		Bit Size 12.3 in		Well MD 1802.0 ft		Well TVD 1802.0 ft						
County Garfield		State/Province Colorado			BHP psi		BHST 103 degF		BHCT 84 degF		Pore Press. Gradient lb/gal						
Well Master 0631484365		API/UWI															
Rig Name ProPetro 10		Drilled For Gas		Service Via Land		Casing/Liner											
						Depth, ft		Size, in		Weight, lb/ft		Grade		Thread			
Offshore Zone		Well Class New		Well Type Development		1802.0		8.6		32.0		J55		8RD			
						0.0		0.0		0.0							
Drilling Fluid Type Bentonite		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe											
						T/D		Depth, ft		Size, in		Weight, lb/ft		Grade		Thread	
Service Line Cementing		Job Type Surface															
Max. Allowed Tub. Press 3930 psi		Max. Allowed Ann. Press 2530 psi		WH Connection Single Cement head		Perforations/Open Hole											
						Top, ft		Bottom, ft		shot/ft		No. of Shots		Total Interval ft			
Service Instructions 400sks/150bbl 12.5 lead Y=2.11 295sks/61bbl 15.8 tail Y=1.16						ft		ft									
						ft		ft						Diameter in			
						ft		ft									
		Treat Down Casing		Displacement 107.0 bbl		Packer Type		Packer Depth ft									
		Tubing Vol. bbl		Casing Vol. 110.0 bbl		Annular Vol. 136.0 bbl		Openhole Vol. 249.0 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 987 psi				Shoe Type Float				Squeeze Type									
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 1802.0 ft				Tool Type									
No. Centralizers		Top Plugs 1		Bottom Plugs 0		Stage Tool Type				Tool Depth ft							
Cement Head Type Single				Stage Tool Depth ft				Tail Pipe Size in									
Job Scheduled For Nov/22/2013 07:00		Arrived on Location Nov/22/2013 07:00		Leave Location Nov/22/2013 15:00		Collar Type Float				Tail Pipe Depth ft							
						Collar Depth 1758.0 ft				Sqz. Total Vol. bbl							
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	CPF1_TTL_STAGE BBL	CPF1_TTL_VOLUME BBL	Message										
11/22/2013	11:27:34	12.63	87	3.3	14.2	38.7	Started Acquisition										
11/22/2013	11:29:29	12.80	90	3.4	20.5	45.0	150 bbl 12.5 lead										
11/22/2013	11:30:04	12.89	65	3.2	22.4	46.9											
11/22/2013	11:30:40	12.86	44	3.4	24.4	48.9	Good returns										
11/22/2013	11:32:19	12.65	56	3.4	29.9	54.4	Took wet/dry samples										
11/22/2013	11:32:27	12.72	57	3.4	30.3	54.8	Wet sample=12.5 on mudscales										
11/22/2013	11:32:34	12.73	64	3.3	30.7	55.2											
11/22/2013	11:35:04	12.61	67	3.4	38.9	63.4											
11/22/2013	11:37:34	12.68	54	3.3	47.2	71.7											
11/22/2013	11:40:04	12.74	53	3.4	55.4	79.9											
11/22/2013	11:42:34	12.70	47	3.3	63.6	88.1											
11/22/2013	11:45:04	12.69	49	3.4	71.9	96.4											
11/22/2013	11:47:34	12.62	54	3.4	80.1	104.6											
11/22/2013	11:50:04	12.57	52	3.2	88.4	112.9											
11/22/2013	11:52:34	12.78	123	4.8	98.2	122.7											
11/22/2013	11:55:04	12.54	111	4.6	110.1	134.6											
11/22/2013	11:57:34	12.79	104	4.6	122.0	146.5											
11/22/2013	12:00:04	12.48	99	4.9	133.9	158.4											
11/22/2013	12:02:29	12.37	104	4.8	145.5	170.0	End Lead Slurry										
11/22/2013	12:02:34	12.37	104	4.8	145.9	170.4											
11/22/2013	12:04:32	16.51	62	3.4	154.5	179.0	Start Mixing Scav Slurry										

Well BAT 33B-24-07			Field Battlement Mesa		Job Start Nov/22/2013		Customer Ursa	Job Number CFAO-01058
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	CPF1_TTL_STAGE BBL	CPF1_TTL_VOLUME BBL	Message	
11/22/2013	12:05:04	15.34	21	1.9	156.0	180.5		
11/22/2013	12:07:34	12.86	9	0.0	158.2	182.7		
11/22/2013	12:10:04	13.96	17	0.0	158.2	182.7		
11/22/2013	12:12:34	16.59	60	2.3	159.9	184.4		
11/22/2013	12:13:15	14.77	34	2.3	0.1	185.9	End Scavenger Slurry	
11/22/2013	12:13:16	14.83	34	2.4	0.1	186.0	61 bbl 15.8 tail	
11/22/2013	12:14:44	15.69	49	3.3	3.6	189.5	Good returns	
11/22/2013	12:14:49	15.72	46	3.3	3.9	189.7	Took wet/dry samples	
11/22/2013	12:14:59	15.75	45	3.3	4.4	190.3	Wet sample=15.8 on mudscales	
11/22/2013	12:15:04	15.77	41	3.3	4.7	190.6		
11/22/2013	12:17:34	15.81	39	4.8	16.5	202.3		
11/22/2013	12:20:04	15.59	34	4.8	28.4	214.2		
11/22/2013	12:22:34	15.94	7	0.0	33.4	219.2		
11/22/2013	12:25:04	15.94	45	3.3	35.0	220.9		
11/22/2013	12:27:34	15.70	40	3.2	43.1	229.0		
11/22/2013	12:30:04	15.53	38	3.3	51.3	237.1		
11/22/2013	12:32:34	15.95	39	3.3	59.4	245.3		
11/22/2013	12:35:04	16.00	40	3.3	67.6	253.4		
11/22/2013	12:36:55	16.00	36	3.2	73.6	259.5	End Tail Slurry	
11/22/2013	12:36:56	16.02	36	3.3	73.7	259.5	End Cement Slurry	
11/22/2013	12:37:34	16.13	7	0.1	75.4	261.3		
11/22/2013	12:40:04	16.03	9	0.0	0.0	261.3		
11/22/2013	12:42:34	16.06	12	0.0	0.0	261.3		
11/22/2013	12:44:49	11.96	35	3.2	5.3	266.6	Drop Top Plug	
11/22/2013	12:44:50	11.97	35	3.2	5.3	266.6	Start Displacement	
11/22/2013	12:45:03	12.40	25	2.8	6.0	267.3	Good returns	
11/22/2013	12:45:04	12.25	30	2.9	6.0	267.3		
11/22/2013	12:47:34	10.84	34	2.9	20.3	281.6		
11/22/2013	12:50:04	8.44	54	4.8	31.9	293.2		
11/22/2013	12:52:34	8.46	49	4.8	44.1	305.4		
11/22/2013	12:55:04	8.43	41	0.9	52.9	314.2		
11/22/2013	12:55:43	8.42	43	0.9	53.5	314.8	50 bbl cement to surface	
11/22/2013	12:57:34	8.43	50	0.9	55.2	316.4		
11/22/2013	13:00:04	8.42	104	1.9	59.3	320.6		
11/22/2013	13:02:34	8.42	159	2.9	65.4	326.7		
11/22/2013	13:05:04	8.41	205	2.9	72.7	333.9		
11/22/2013	13:07:34	8.42	292	2.9	79.9	341.1		
11/22/2013	13:10:04	8.42	351	2.9	87.1	348.4		
11/22/2013	13:12:34	8.41	388	2.9	94.4	355.7		
11/22/2013	13:15:04	8.41	420	2.8	101.6	362.9		
11/22/2013	13:17:34	8.41	418	2.2	107.2	368.5		
11/22/2013	13:20:04	8.41	449	2.2	112.5	373.8		
11/22/2013	13:21:20	8.41	1188	0.0	114.4	375.7	Bump Top Plug	
11/22/2013	13:21:21	8.41	1188	0.0	114.4	375.7	End Displacement	
11/22/2013	13:21:22	8.41	1189	0.0	114.4	375.7	Bumped plug @ 1100 PSI	
11/22/2013	13:22:34	8.41	1183	0.0	114.4	375.7		
11/22/2013	13:24:50	8.41	3	0.0	114.4	375.7	Float held	
11/22/2013	13:24:56	8.41	4	0.0	114.4	375.7	1/2 bbl back	
11/22/2013	13:25:04	8.41	5	0.0	114.4	375.7		

Well BAT 33B-24-07	Field Battlement Mesa	Job Start Nov/22/2013	Customer Ursa	Job Number CFAO-01058
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 3.4	N2	Mud	Maximum Rate 10.9		Total Slurry 211.0	Mud 0.0	Spacer 20.0	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 1212	Final 6	Average 133	Bump Plug to 1100	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 211.0 bbl	Displacement 107.0 bbl	Mix Water Temp 47 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 50.0 bbl		
					Washed Thru Perfs <input type="checkbox"/>	To ft		
Customer or Authorized Representative Craig Smith			Schlumberger Supervisor Matt Fair/Mike Reedy			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
						-		-