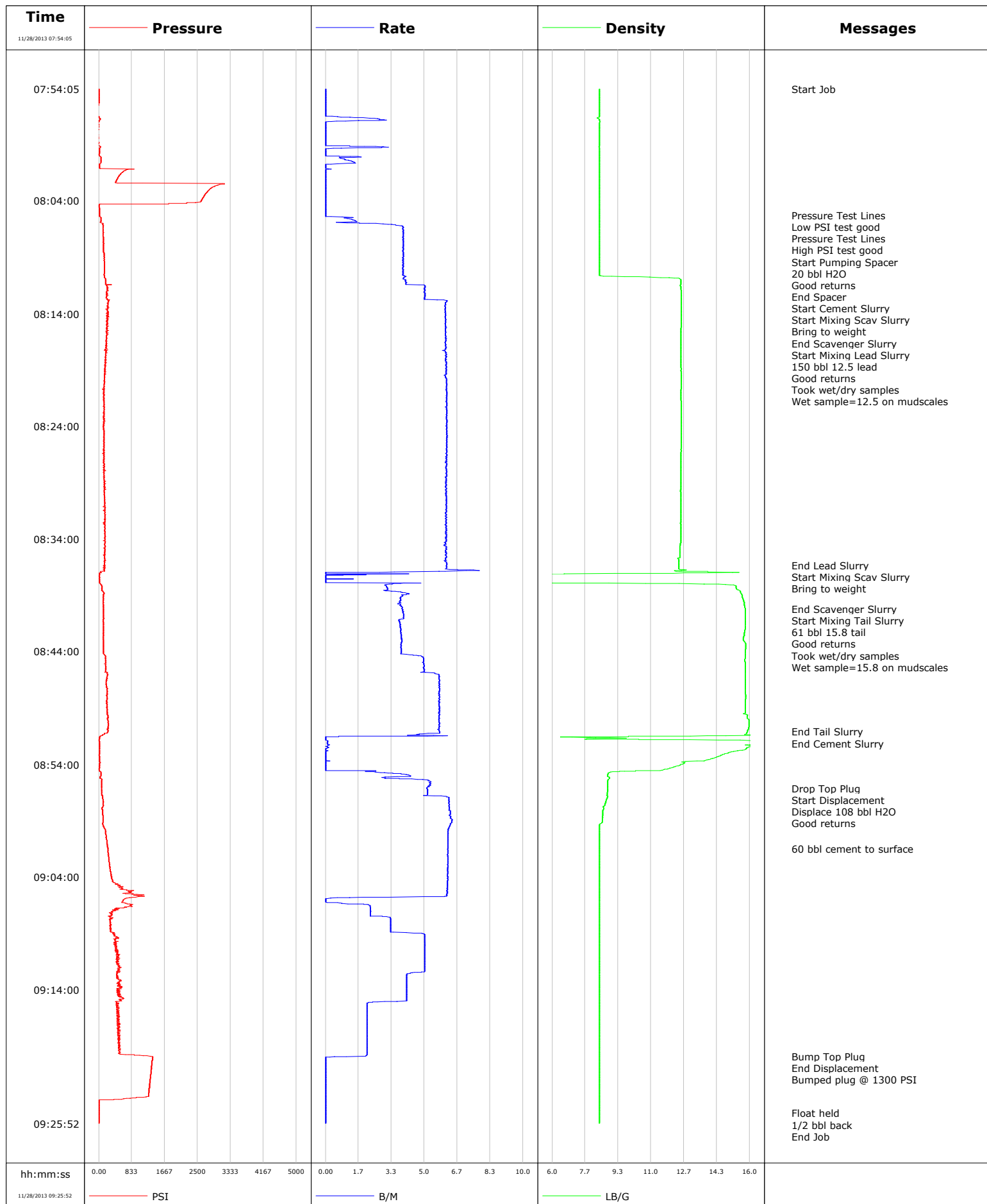


Well BAT 33A-24-07-96
Field Battlement Mesa
Engineer Matt Fair/Mike Reedy
Country United States

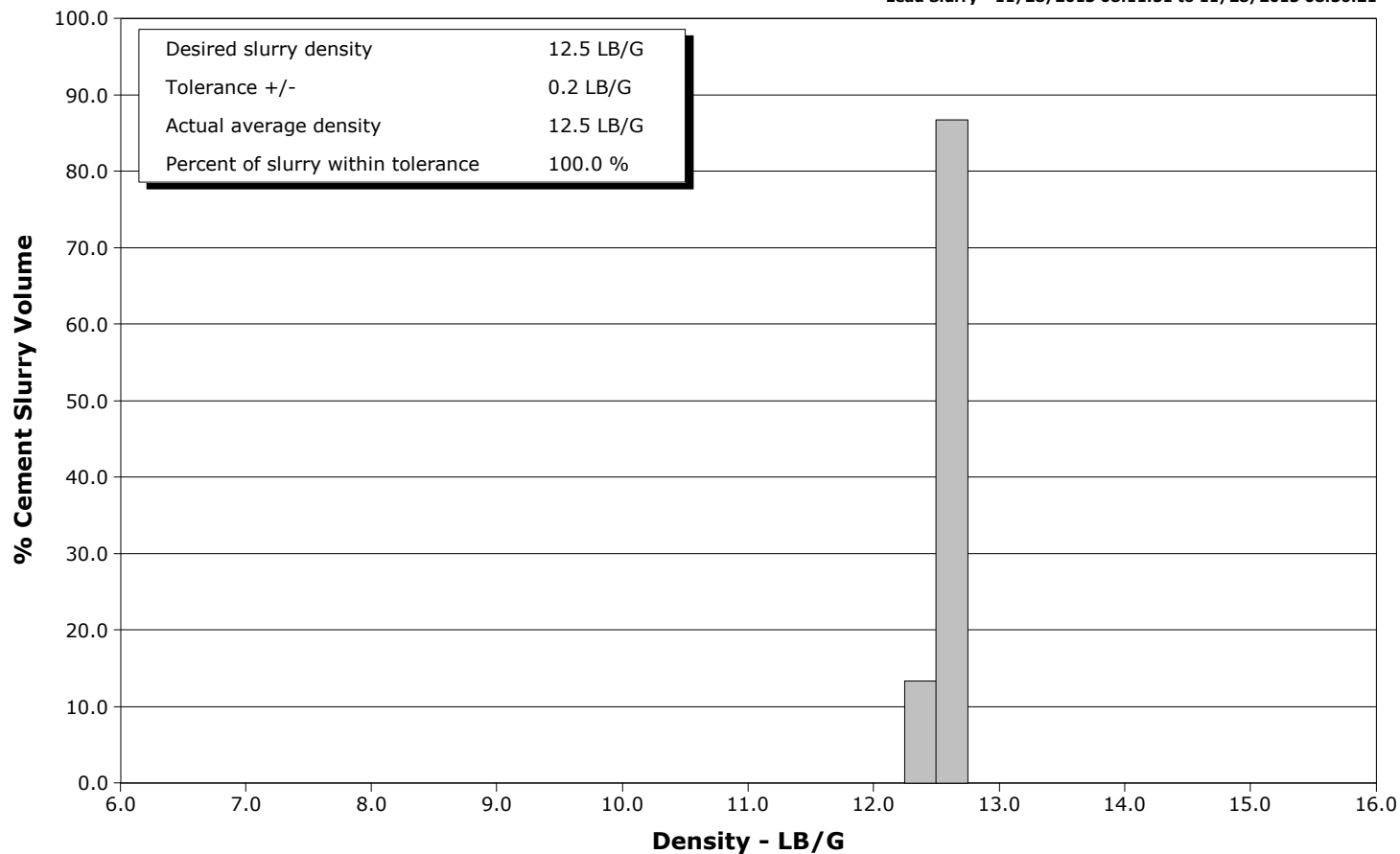
Client Ursa
SIR No. CFAO-01057
Job Type 8 5/8" Surface
Job Date 11-28-2013



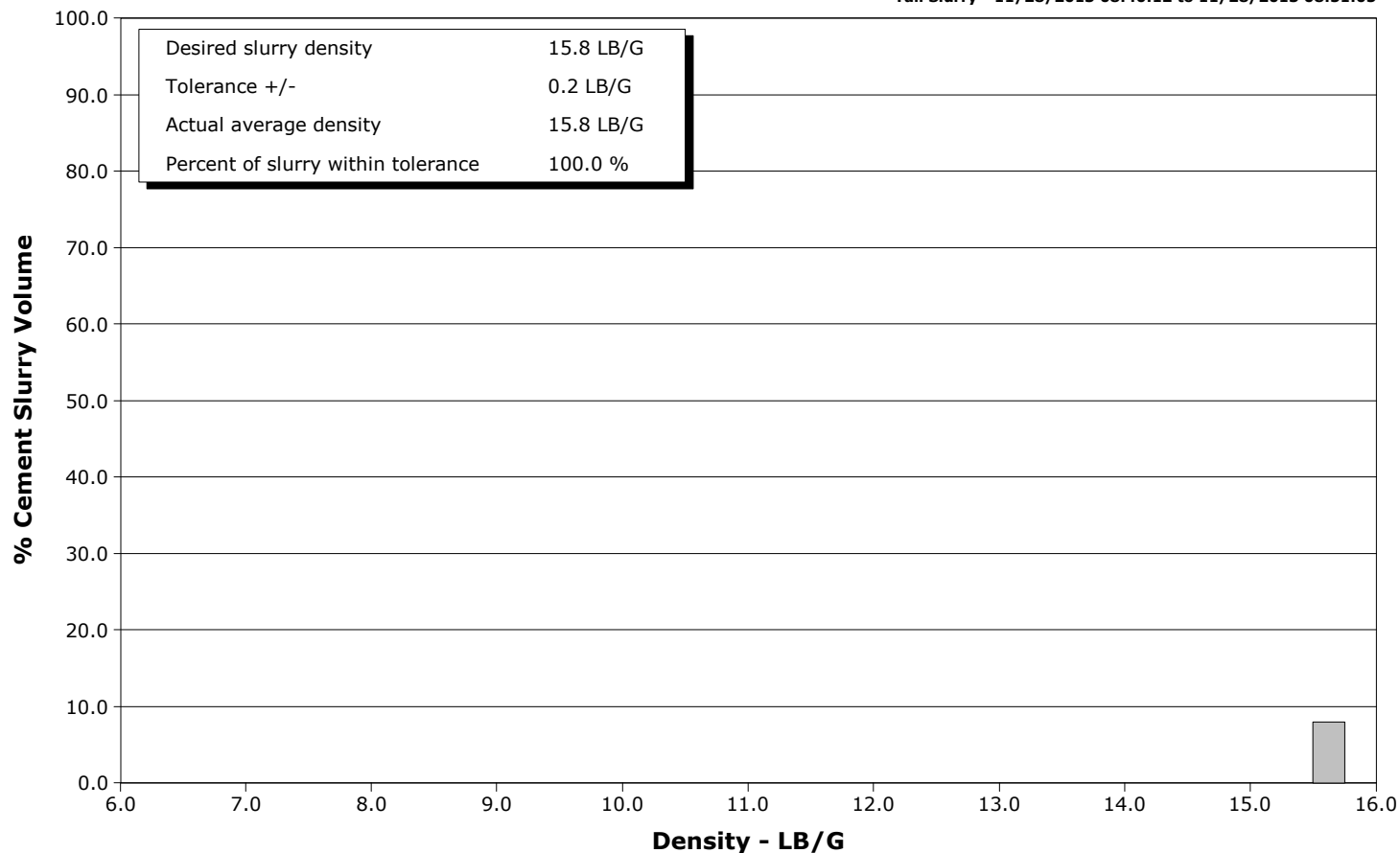
Well BAT 33A-24-07-96
Field Battlement Mesa
Engineer Matt Fair/Mike Reedy
Country United States

Client Ursa
SIR No. CFAO-01057
Job Type 8 5/8" Surface
Job Date 11-28-2013

Lead Slurry - 11/28/2013 08:11:51 to 11/28/2013 08:36:21



Tail Slurry - 11/28/2013 08:40:12 to 11/28/2013 08:51:05



					Customer Ursa			Job Number CFAO-01057									
Well BAT 33A-24-07-96				Location (legal)			Schlumberger Location			Job Start Nov/28/2013							
Field Battlement Mesa			Formation Name/Type Shale			Deviation deg		Bit Size 12.3 in		Well MD 1809.0 ft		Well TVD 1809.0 ft					
County Garfield			State/Province Colorado			BHP psi		BHST 103 degF		BHCT 84 degF		Pore Press. Gradient lb/gal					
Well Master 0631484368			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		1809.0		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 8 5/8" 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			
						ft		ft									
						ft		ft						Diameter in			
						ft		ft									
Service Instructions 400sks/150bbl 12.5 lead Y=2.11 295sks/61bbl 15.8 tail Y=1.16						Treat Down Casing		Displacement 108.0 bbl		Packer Type		Packer Depth ft					
						Tubing Vol. bbl		Casing Vol. 110.0 bbl		Annular Vol. 136.0 bbl		Openhole Vol. 250.0 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 991 psi				Shoe Type Float				Squeeze Type									
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 1809.0 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/28/2013 02:00		Arrived on Location Nov/28/2013 02:00		Leave Location Nov/28/2013 11:00		Collar Type Float				Tail Pipe Depth ft							
						Collar Depth 1765.0 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										
11/28/2013	07:54:05	8.39	3	0.0	0.0	0.0	Started Acquisition										
11/28/2013	07:54:07	8.39	2	0.0	0.0	0.0	Start Job										
11/28/2013	07:56:35	8.39	2	0.8	0.0	0.0											
11/28/2013	07:59:05	8.40	-1	0.0	0.9	0.9											
11/28/2013	08:01:35	8.39	568	0.0	2.2	2.2											
11/28/2013	08:04:05	8.39	2579	0.0	2.2	2.2											
11/28/2013	08:05:17	8.39	19	0.0	2.2	2.2	Pressure Test Lines										
11/28/2013	08:05:18	8.39	19	0.0	2.2	2.2	Low PSI test good										
11/28/2013	08:05:19	8.39	18	0.0	2.2	2.2	Pressure Test Lines										
11/28/2013	08:05:20	8.39	19	0.0	2.2	2.2	High PSI test good										
11/28/2013	08:05:23	8.39	19	0.0	2.2	2.2	Start Pumping Spacer										
11/28/2013	08:05:24	8.39	19	0.0	2.2	2.2	20 bbl H2O										
11/28/2013	08:06:35	8.39	107	3.9	4.9	4.9											
11/28/2013	08:08:22	8.39	114	3.9	11.9	11.9	Good returns										
11/28/2013	08:09:05	8.39	138	3.9	14.8	14.8											
11/28/2013	08:11:35	12.49	212	5.0	3.7	24.8											
11/28/2013	08:11:41	12.50	229	5.0	4.2	25.3	End Spacer										
11/28/2013	08:11:42	12.51	207	5.0	4.3	25.3	Start Mixing Scav Slurry										
11/28/2013	08:11:43	12.51	211	5.0	4.4	25.4	Bring to weight										
11/28/2013	08:11:51	12.52	225	5.0	5.1	26.1	End Scavenger Slurry										
11/28/2013	08:11:52	12.52	236	5.0	5.2	26.2	150 bbl 12.5 lead										

Well BAT 33A-24-07-96			Field Battlement Mesa		Job Start Nov/28/2013		Customer Ursa	Job Number CFAO-01057
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	
11/28/2013	08:14:58	12.53	215	6.1	23.0	44.0	Good returns	
11/28/2013	08:16:35	12.50	186	6.0	32.8	53.8		
11/28/2013	08:18:23	12.51	186	6.1	43.8	64.8	Took wet/dry samples	
11/28/2013	08:18:30	12.52	164	6.1	44.5	65.5	Wet sample=12.5 on mudscales	
11/28/2013	08:19:05	12.52	159	6.1	48.0	69.1		
11/28/2013	08:21:35	12.52	125	6.1	63.3	84.3		
11/28/2013	08:24:05	12.53	119	6.1	78.6	99.7		
11/28/2013	08:26:35	12.51	128	6.1	94.0	115.0		
11/28/2013	08:29:05	12.50	140	6.1	109.3	130.3		
11/28/2013	08:31:35	12.50	157	6.1	124.5	145.6		
11/28/2013	08:34:05	12.51	162	6.1	139.8	160.8		
11/28/2013	08:36:21	12.40	148	6.1	153.6	174.6	End Lead Slurry	
11/28/2013	08:36:35	12.41	120	6.1	155.0	176.0		
11/28/2013	08:37:22	2.68	13	0.0	0.0	178.7	Start Mixing Scav Slurry	
11/28/2013	08:37:30	3.04	14	0.0	0.0	178.7	Bring to weight	
11/28/2013	08:39:05	15.61	114	3.9	4.1	182.8		
11/28/2013	08:40:12	15.76	116	3.9	8.3	187.0	End Scavenger Slurry	
11/28/2013	08:40:13	15.76	116	3.9	8.4	187.1	61 bbl 15.8 tail	
11/28/2013	08:41:35	15.77	114	3.8	13.7	192.4		
11/28/2013	08:42:19	15.73	115	3.8	16.5	195.1	Good returns	
11/28/2013	08:43:47	15.78	122	3.8	22.1	200.8	Took wet/dry samples	
11/28/2013	08:43:56	15.78	119	3.8	22.7	201.4	Wet sample=15.8 on mudscales	
11/28/2013	08:44:05	15.77	119	3.8	23.2	201.9		
11/28/2013	08:46:35	15.77	197	5.8	35.9	214.6		
11/28/2013	08:49:05	15.77	200	5.8	50.3	229.0		
11/28/2013	08:51:05	15.89	232	5.8	61.8	240.5	End Tail Slurry	
11/28/2013	08:51:07	15.88	224	5.8	62.0	240.7	End Cement Slurry	
11/28/2013	08:51:35	6.42	23	0.0	64.3	243.0		
11/28/2013	08:54:05	12.47	12	0.0	64.4	243.1		
11/28/2013	08:56:08	8.81	68	5.1	6.6	249.7	Drop Top Plug	
11/28/2013	08:56:09	8.81	74	5.1	6.7	249.8	Displace 108 bbl H2O	
11/28/2013	08:56:34	8.79	72	5.2	8.9	251.9	Good returns	
11/28/2013	08:56:35	8.79	72	5.2	9.0	252.0		
11/28/2013	08:59:05	8.53	104	6.4	24.4	267.5		
11/28/2013	09:01:30	8.39	228	6.2	39.4	282.5	60 bbl cement to surface	
11/28/2013	09:01:35	8.39	227	6.2	39.9	283.0		
11/28/2013	09:04:05	8.39	323	6.2	55.4	298.5		
11/28/2013	09:06:35	8.39	821	2.3	66.6	309.6		
11/28/2013	09:09:05	8.39	356	5.0	74.0	317.1		
11/28/2013	09:11:35	8.39	480	5.0	86.5	329.6		
11/28/2013	09:14:05	8.39	459	4.1	97.7	340.7		
11/28/2013	09:16:35	8.39	516	2.1	104.9	348.0		
11/28/2013	09:19:05	8.39	494	2.1	110.1	353.2		
11/28/2013	09:19:54	8.39	1311	2.1	111.8	354.9	Bump Top Plug	
11/28/2013	09:19:55	8.39	1311	1.9	111.9	355.0	End Displacement	
11/28/2013	09:19:56	8.39	1380	1.1	111.9	355.0	Bumped plug @ 1300 PSI	
11/28/2013	09:21:35	8.39	1310	0.0	112.0	355.0		
11/28/2013	09:24:05	8.39	10	0.0	112.0	355.0		
11/28/2013	09:24:56	8.39	10	0.0	112.0	355.0	Float held	
11/28/2013	09:25:02	8.39	9	0.0	112.0	355.0	1/2 bbl back	

Well BAT 33A-24-07-96	Field Battlement Mesa	Job Start Nov/28/2013	Customer Ursa	Job Number CFAO-01057
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 4.9	N2	Mud	Maximum Rate 7.8		Total Slurry 211.0	Mud 0.0	Spacer 20.3	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 3176	Final 9	Average 303	Bump Plug to 1200	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 211.0 bbl	Displacement 107.2 bbl	Mix Water Temp 42 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 60.0 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"/>	
						-	-	



Service Quality Evaluation

Client:	Ursa
Field:	Battlement Mesa
Rig:	Propetro 10
Well:	BAT 33A-24-07-96
Service Line:	Cementing
Job Type:	8 5/8" Surface

Service Order #:	
Date:	Nov/28/2013
Operating Time (hh:mm):	00:00
Client Rep:	Craig Smith
Schlumberger Engineer:	Matt Fair/Mike Reedy
Schlumberger FSM:	

Main Objective:

To be completed by Company Rep. Please answer Y (Yes) or N (No) and add any comments below.

		Score	Yes / No		Result
1	HSE				
1a	Free of lost time injury and compliance with SLB and loc. spec. HSE practice	5	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	5
1b	Free of environmental spill or non-compliant discharge	5	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	5
1c	Wellsite left clean	4	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	4
Sub-total					100%

2	Design / Preparation				
2a	Program incl. job simulation (CemCADE) & pump schedule / tool hydraulic calcs	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
2b	Equipment maintenance schedule completed / Green tagged	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
2c	All materials and equipment required for job/contingency checked & on location	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
2d	Safety / pre-job meeting conducted with all involved present	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
Sub-total					100%

3	Execution				
3a	Lost time < 30 mins	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
3b	Equipment pressure tested succesfully	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
3c	All key parameters monitored and recorded accurately (Pressure, Rate, Density)	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3d	Plugs / darts released and tested succesfully	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3e	Density variation met expectations	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3f	Personnel performed as per expectations	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3g	Equipment performed as per expectations	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3h	Job pumped as per design	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
3i	Did job start on time	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3j	Free of Operational failures (screen out, Cementing Example, etc.)	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
Sub-total					100%

4	Evaluation				
4a	Main job objective achieved with no consequential non-productive time	10	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	10
Sub-total					100%

Total 100%

Comments: (Please include a brief explanation for a "NO" response and summarize any innovations attempted on this well.)

Client:	Schlumberger:
	Water - 010067, 009579 Lead - 009561 Tail - 009584
Client Signature:	Schlumberger Signature: