

HALLIBURTON

Cementing Gulf of Mexico, Broussard

LAB RESULTS - Primary

Job Information

Request/Slurry	73909/1	Rig Name	TRANSOCEAN HORIZON	Date	April 12th 2010
Submitted By	Jesse Gagliano	Job Type	9 7/8" X 7" Prod Casing	Bulk Plant	Fourchon-C-Port I, La, USA
Customer	BP	Location	Mississippi Cny	Well	Mississippi Canyon 252 OCS-G-32306 Macondo #1

Well Information

Casing/Liner Size	7"	Depth MD	18360 ft	BHST	210 F
Hole Size	9 7/8"	Depth TVD	18360 ft	BHCT	135 F

Drilling Fluid Information

Mud Company	MI	Type	SOBM	Density	14.1 PPG	PV/YP
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Cement Information - Primary Design

Conc	UOM	Cement/Additive	Sample Type	Sample Date	Lot No.	Cement Properties		
						Slurry Density	16.741	PPG
						Slurry Yield	1.37	FT3
100.00	% BWOC	Lafarge Class H	Rig	Apr 05, 2010	Tank # 8	Water Requirement	4.94	GPS
0.07	% BWOC	EZ-FLO	Rig	Apr 05, 2010		Total Mix Fluid	5.02	GPS
0.25	% BWOC	D-Air 3000	Rig	Apr 05, 2010		Foam Density	14.496	PPG
						Foam Quality	12.98	%
1.88	lb/sk	KCl (Potassium Chloride) Salt	Rig	Apr 05, 2010		Water Source	Fresh Water	
20.00	% BWOC	SSA-1 (Silica Flour) - PB	Rig	Apr 05, 2010		Water Chloride	N/A	ppm
15.00	% BWOC	SSA-2 (100 Mesh) - PB	Rig	Apr 05, 2010				
0.20	% BWOC	SA-541	Rig	Apr 05, 2010				
0.11	gps	ZoneSealant 2000	Lab	Mar 15, 2009				
0.08	gps	SCR-100L	Lab	Oct 22, 2009	6264			
4.94	gps	Fresh Water						

Operation Test Results Request ID 73909/1

Thickening Time, Request Test ID:806067

Temp (°F)	Pressure (psi)	Reached in (min)	Start BC	70 Bc (hh:mm)
135	14,458	83	8	05:30

Need 4 1/2 - 5 1/2 Hrs., SCR-100L Lot #6264

Mud Balance Density, Request Test ID:806078

Density (ppg)
16.7

Mixability (0 - 5) - 0 is not mixable, Request Test ID:806071

Mixability rating (0 - 5)
5

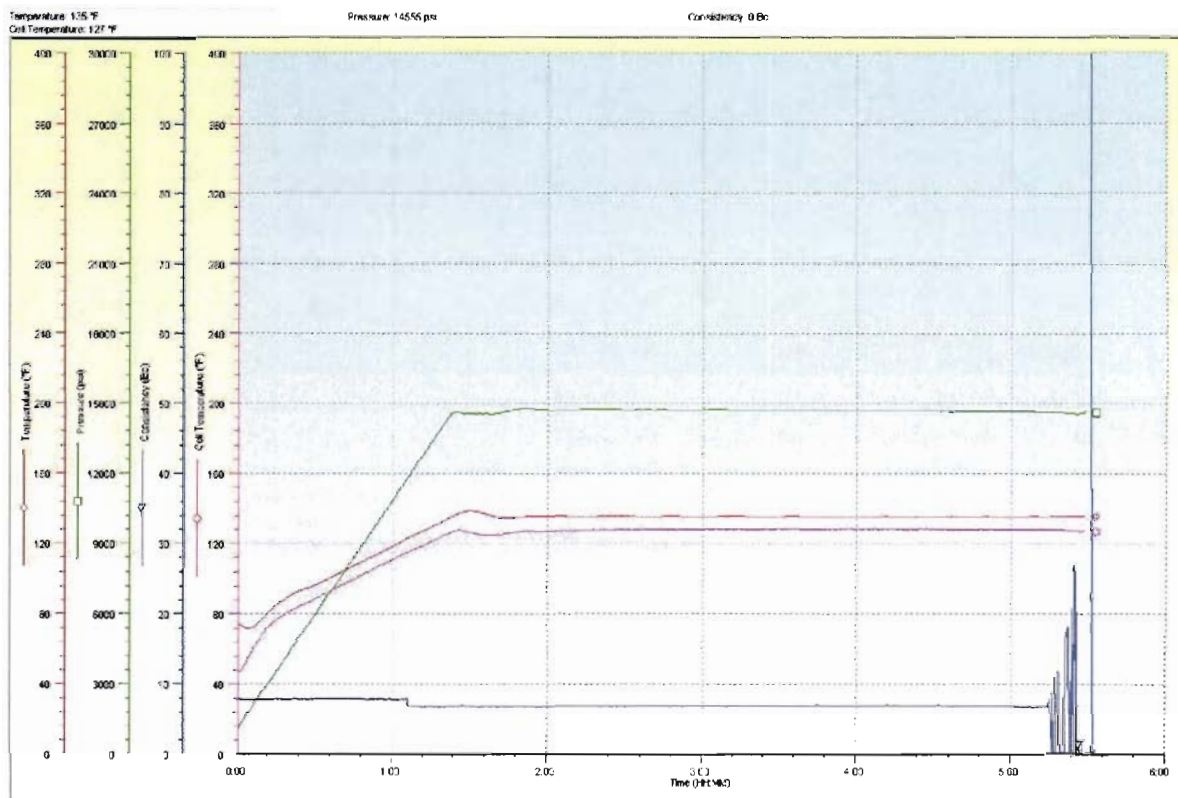
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Non API Rheology, Request Test ID:806075

Test temp (°F)	600	300	200	100	60	30	20	10	6	3
80	180	84	56	28	26	8	6	4	2	2

Non API Rheology, Request Test ID:806076

Test temp (°F)	600	300	200	100	60	30	20	10	6	3
135	130	56	40	20	12	8	6	4	4	2



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