

Halliburton Pre-Incident Viking Information

Target Density: 14.5 ppg



Date	D-Air 3000	Zone Sealant 2000	SCR-100L	Cond. Time	Viking Test Results	Viking Test Status	Shared with BP
Feb 12	0.25% (48193.3.1)	0.11 gps	0.20 gps	Zero	<ul style="list-style-type: none"> Foam Stability Density: 2.02/2.11 (16.8/17.6) "Slurry needs to be conditioned, will repeat" (48195.10.1) Foam Crush Compressive Strength Test: "Slurry needs to be conditioned, will repeat. Severe settling." (48195.9.1) 	Foam Stability: "Test Failed" (48195.10.1) Compressive Strength: "Test Failed" (48195.9.1)	No
Feb 16	0.25% (48193.3.1)	0.11 gps	0.20 gps	2 hours	Foam Stability Density: 1.91/1.91 (15.9/15.9) (48195.10.6)	"Finished" (48195.10.6)	Yes
Mar 7	0.25% (810.1.2)	Foamer 760	0.20 gps	2 hours	<ul style="list-style-type: none"> Feb 23, 2010 Sample from Rig (5595.1.2) Foam Stability Density: 1.98/2.046 (16.5/17.0) (48238.2.2) 	"Finished" (48238.2.2)	No
Mar 7	<i>M. Hafle to J. Gagliano:</i> "Can we put foam cement across the zone to be perforated during the completion? Not sure if this is done on other wells with close PP/FG." (7483.1.2) <i>Gagliano response:</i> "This has been done in the past with success" (7484.1.1)						
Mar 8	<i>J. Gagliano to BP:</i> "I've attached the lab test for your review." (3037.1.4)						
Apr 1	<i>B. Morel to J. Gagliano:</i> "Can you start running some tests on the nitrogen job?" (1507.1.3) <i>Gagliano email to BP:</i> "I already have a pilot test run, see attached." (1507.1.2)						
Apr 13	0.25% (48194.3.1)	0.11 gps	0.08 gps	1.5 hours	1.88/1.82 (15.7/15.2) - "Conditioned for 1.5 hours" (48196.2.1)	"Test Failed" (48196.2.1)	No
Apr 16	0.25% (48194.7.2)	0.11 gps	0.09 gps	N/A	Nothing in Viking System. Weigh up sheet: "Test Cancelled as per Jesse"(811.2.3)	CANCELLED	No
Apr 17	0.25% (48194.3.1)	0.11 gps	0.08 gps	3 hours	1.8/1.799 - "Conditioning Time – 3:00" (48196.2.2)	"Finished" (48196.2.2)	After Incident
Apr 19	Viking system email to Gagliano at 4:14pm: "Request 73909 which you are responsible for has now been set to Finished in Lab" (37037.5.2)						