

Daily Progress Report (page 1 of 1)



Project: UT GoM² Marine Test
Vessel: Q4000
Client: University of Texas
Date: Tues 16th May 2017
DPR No.: # G18

General: On Site GC-955 at UT-GOM2-1-H002 - in Hole - logging - cementing

Daily meeting:

Note crew change today

JSA procedures for Geotek corrected according to Helix protocols.

Coring Operations:

Following the tool performance review a few minor modifications were made to the tool before 3 Tool Functions Tests (TFT) were performed at 1019 fbrf using the face bit configuration.

TFT FB1 was not entirely successful. The boost pressure was not registered in the data although the tool did subsequently seal at around 75 psi during the wireline trip to the surface. This pressure was lost when the tool took a hit against the rig while being handled on deck as well as fact that pump rates were much too high at the start of the deployment.

A second Tool Function Test **TFT FB2** was also carried out at 1019 fbrf. The data showed that the pressure boost fired immediately and boosted the pressure from an in situ value of 428 psi to 900 psi. The pressure further rose during recovery and was measured in the service van at 1015 psi. All aspects of the tool and deployment looked perfect. A third test was requested by UT to build further confidence in the tool performance.

A third Tool Function Test **TFT FB3** was carried out at 1019 fbrf. This test performed successfully as per the 2nd test with the pressure being boosted and held from 430 psi to 943 psi. This pressure rose to 1113 psi when measured in the service van.

It should be noted that when the tools were dismantled a significant amount of debris was found in the tools that could have contributed to the lack of sealing during the first test. This debris is likely to have come from the pipe following the cementing test and it is imperative that this is completely cleaned prior to the next coring run.

Core processing Operations:

4CS - Cutting plan approved.

UT-GOM2-1-H005-4CS - Continued degassing operations on the 2 Q degas samples.

Initial gas analysis showed nearly 100% methane with ethane levels around 150ppm and trace levels of propane.

Geotek Representative

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A handwritten signature in black ink, appearing to read "P. J. Schultheiss".

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