

Daily Progress Report (page 1 of 1)



Project: UT GoM² Marine Test
Vessel: Q4000
Client: University of Texas
Date: Sun 21st May 2017
DPR No.: # G23

General: On Site GC-955 at UT-GOM2-1-H005 - in Hole - coring

Daily meeting:

Discussed demob plans as coring finished

Coring Operations:

0117

Core 13FB @ 8185-8193 ft RKB

The tool was deployed in the BHA before a core was cut using the 10.5 lb/gal mud with the following average drilling parameters: ROP=34 ft/hr, 60 RPM, WOB= 4 tons, mud flow rate = 61-105 gpm. A 3/8 inch hole was drilled in the middle barrel and the set pressure was raised above the in situ pressure to ~4000 psi. This modification was designed to test whether the additional flow path would help create a boost pressure. Core recovery was 175 cm as measured by the X-ray image in PCATS.

Core processing Operations:

Core 9FB UT-GOM2-1-H005-09FB - Sections 1 and 3 finished degassing and the storage chambers were emptied with the sediment residues provided to UT for curation.

Core 10FB UT-GOM2-1-H005-10FB - After the early difficulties extracting this core from the autoclave in PCATS an ingenious 'fishing tool' was manufactured and the core was recovered with a length of 72 cm. This included 2 main pieces which are interpreted as gas hydrate rich with P wave velocities over 3000 m/s. It was stored in a 1.2 m storage chamber.

Core 13FB UT-GOM2-1-H005-13FB - After waiting for a while in the cold bath the core was extracted in PCATS where the recorded recovery was 176 cm. This final core produced some more good samples consisting of what is interpreted as interbedded gas hydrate saturated sandy intervals with P wave velocities up to 3300 m/s.

Core 11FB UT-GOM2-1-H005-11FB - After waiting for a while in the PCATS waiting area (P8) the core was extracted in PCATS where the recorded recovery was only 27 cm. This was essentially a 'wash core' with high pump rates and low weight on bit. It is not surprising that only a small amount of core material was recovered.

Geotek Representative

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A handwritten signature in black ink that reads "P. J. Schultheiss".

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