

Daily Operational and Science Report
UT-GOM2-2 Coring Expedition
Terrebonne Basin, Gulf of Mexico Outer Continental Slope

1. DATE: 03-August-2023, 0000-2400hr

2. LOCATION:

2400 hr, 02-August-2023

Hole: *Helix D/V Q4000* was located over the proposed location of Hole UT-GOM2-2-H003.

Water depth: NA

Per Datum: NA

Lat 26°39'46.50488"N, Long 091°40'33.82464"W

3. DESCRIPTION OF OPERATIONS:

0000-1433 Both of the *Helix D/V Q4000* work class ROVs (XLS09 and XLS10) continued to work on marking the location of the H001 well and the H002 and H003 locations.

0130-0830 Conduct PCTB-CS Full Function Test #1. The depth of the water core test was changed from ~500 fbsl to ~2000 fbsl due to strong currents.

0500-2000 The PCTB-CS bottom hole assembly was made up (MU) and began to run in the hole (RIH), reaching ~ 6365 fbsf by 2000 hr.

1000-1200 The *Harvey Hermes Supply Vessel* transferred supplies to *Helix D/V Q4000*.

2315-2400 Held JSA with Geotek and SLB slickline then prepared equipment for upcoming test run.

4. OPERATIONAL PLAN (Next 24 Hours):

Continue to MU and RIH the PCTB-CS BHA in preparation to conduct drill pipe test of Pressure Deployment Tool (PDT/T2P).

5. DOWNHOLE LOGGING OPERATIONS:

Hole: NA

Wireline Totals (directional): NA

6. CORE OPERATIONS AND DATA:

Hole: NA

G-APC Coring Totals: NA

G-XCB Coring Totals: NA

G-PCTB-CS Coring Totals: NA

G-PCTB-FB Coring Totals: NA

7. DOWNHOLE MEASUREMENTS

Hole: NA

Pressure and Temperature Tool Deployment (T2P): NA

Temperature Tool Deployment (APCT-3): NA

8. SCIENCE ACTIVITIES

The Science Party continued to refine and finalize both the conventional and pressure core handling and processing plans leading the coring/drilling operations in the UT-GOM2-2-H003 hole. The Conventional Core Receiving Lab – G17, Conventional Core Processing Lab – G19, and Conventional Core Pore Water Labs – G20 are ready to receive cores. The Science Party worked on setting up gas sampling equipment in the Pressure Core Degassing Van – R17. Work on preparing the

T2P continued. Scientists involved in microbiology and pore water chemistry coordinated collection of drilling fluid samples for contamination control with M-I SWACO.