4th May 00:00 - 24:00 CDT (UTC -5)

1. Location
Position 21 Deg 27.009’ N, 89 Deg 56.962’ W
IODP-MSP borehole M0077A
Prospectus borehole Chix-03B
Water Depth: 19.8 m

2. Operations Report
Running casing continued. Upon reaching the base of the hole with the casing, cement was pumped down to
the base of the hole and left to cure. To maximize operational time while the cement was curing, a tool sting
comprising the natural gamma ray and acoustic imager was sent downhole. The drill string was run into the
hole in preparation for coring. At midnight running pipe continued.

3. Science Report
The wireline logging acquisition was performed in order to investigate the possibility of acoustically imaging
the borehole formation through the steel casing. Such an approach could offer the possibility to log the hole
through the casing at further depth, in the case that the hole would not be stable enough to allow open hole
logging. Preliminary interpretations of the acoustic impedance images show the presence of a signal which
may represent the geological formation. Further tests would be required to fully assess the feasibility of this
approach.

4. Core Recovery Details

<table>
<thead>
<tr>
<th>Hole</th>
<th>M0077A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cores recovered</td>
<td>0</td>
</tr>
<tr>
<td>Drilled length (Coring, m)</td>
<td>0</td>
</tr>
<tr>
<td>Drilled length (Open hole, m)</td>
<td>0</td>
</tr>
<tr>
<td>Recovered length (m)</td>
<td>0</td>
</tr>
<tr>
<td>Recovery (%)</td>
<td>0</td>
</tr>
<tr>
<td>Depth at midnight (mbsf)</td>
<td>701.64</td>
</tr>
</tbody>
</table>

5. Time Breakdown
00:00 Running casing
05:10 Reached base of hole, start cementing
08:50 Finished cementing, leave to cure
10:50 Set-up for downhole logging
11:30 Start logging
13:00 Finish logging
17:00 Start running pipe
00:00 Continue running pipe

6. Hours (inc. cumulative total) – no contractual implications can be made from these figures

<table>
<thead>
<tr>
<th>In port</th>
<th>13.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transiting</td>
<td>3.0</td>
</tr>
<tr>
<td>Operating</td>
<td>556</td>
</tr>
<tr>
<td>Technical downtime</td>
<td>117</td>
</tr>
<tr>
<td>Weather downtime</td>
<td>0.0</td>
</tr>
<tr>
<td>Other downtime (specify)</td>
<td>0.0</td>
</tr>
</tbody>
</table>

7. Weather
Fair, cloudy, humid, good visibility, wave heights of 0.5 – 0.8 m; wind N 15 Kts, Temperature 21-31°C.

8. Planned Activity for the next 24 hours
Continue running pipe and commence coring.
9. Health and Safety and Environmental
N/A

10. Photo of the day

Image: DSmith©ECORD_IODP.