

**Daily Drilling and Scientific Report for IODP/ICDP Expedition 364  
Chicxulub Impact Crater 2016**



**17<sup>th</sup> Apr 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-03A  
Water Depth: 19.8 m

**2. Science Report**

Offshore science party completed discussions of methodologies to be used for the IODP minimum measurements and offshore sampling. Downhole logging data processing progressed.

**3. Core Recovery Details**

<b>Hole</b>	M0077A
<b>Cores recovered</b>	N/A
<b>Drilled length (Coring, m)</b>	N/A
<b>Drilled length (Open hole, m)</b>	503
<b>Recovered length (m)</b>	N/A
<b>Recovery (%)</b>	N/A
<b>Depth at midnight (mbsf)</b>	503

**4. Time Breakdown**

00:45 Finish pumping cement – complete maintenance tasks whiles waiting for cement to cure  
13:00 Start running pipe  
18:15 Commence coring to remove cement  
18:20 Core barrel stuck  
20:00 After attempts to free the barrel, decision to trip string  
00:00 Tripping pipe continues

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

<b>In port</b>	13.0
<b>Transiting</b>	3.0
<b>Operating</b>	276
<b>Technical downtime</b>	19
<b>Weather downtime</b>	0.0
<b>Other downtime (specify)</b>	0.0

**6. Weather**

Fair, sunny, good visibility, wave heights of 0.5 – 1.0 m; NE winds increasing gradually through the day from 15 kts to 29 kts, Temperature 21-30°C.

**7. Planned Activity for the next 24 hours**

Complete tripping pipe, recover BHA and assess the issue before running pipe and recommencing coring.

**8. Health and Safety and Environmental**

N/A

9. Photo of the day



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