

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



28<sup>th</sup> 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

Continue with downhole logging and VSP activities. The activities for the remainder of the day were cutting and pulling casing along with other demobilisation activities.

### 3. Science Report

Downhole logging operations proceeded with the acquisition of gamma ray and optical imager. VSP logging then commenced. Except for the optical images, all data are of good quality.

### 4. Core Recovery Details

Hole	M0077A
Cores recovered	0
Drilled length (Coring, m)	0
Drilled length (Open hole, m)	0
Recovered length (m)	0
Recovery (%)	0
Depth at midnight (mbsf)	1334.69

### 5. Time Breakdown

00:00 Running spectral gamma ray & fluid temp & conductivity  
04:00 Finish previous run and retrieve tools  
04:20 Running spectral gamma ray, caliper & optical imager  
06:25 Finish previous run and start rig down. VSP rig up  
09:00 VSP tool in hole and data acquisition starts  
13:40 End of VSP data acquisition. VSP rig down  
15:30 VSP rig down complete. Demobilisation starts  
24:00 Demobilisation continues

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

In port	13.0
Transiting	3.0
Operating	990
Technical downtime	123
Weather downtime	0.0
Other downtime (specify)	0.0

### 7. Weather

Fair, clear, hot, wave heights of 0.3 – 0.6 m; wind E 5 Kts, Temperature 27-35°C.

### 8. Planned Activity for the next 24 hours

Demobilisation and prepare to sail into port at Progreso. As Operations and Science activities have ceased, this will be the final daily report.

### 9. Health and Safety and Environmental

N/A

10. Photo of the day



Image: GTulloch@ECORD\_IODP