

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



19th 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

POOH due to worn bit. Replace bit and recommence coring, producing high quality cores with 100% recovery. The day ended with a depth of 1075.92 mbsf being achieved.

3. Science Report

Continued to drill though granite.

4. Core Recovery Details

Hole	M0077A
Cores recovered	6
Drilled length (Coring, m)	18.40
Drilled length (Open hole, m)	0
Recovered length (m)	18.52
Recovery (%)	100
Depth at midnight (mbsf)	1075.92

5. Time Breakdown

03:50 POOH
08:50 Replace bit
14:15 Recommence coring
15:45 Core on deck
17:40 Core on deck
19:00 Core on deck
20:35 Core on deck
21:55 Core on deck
23:25 Core on deck
24:00 Continue coring

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

In port	13.0
Transiting	3.0
Operating	799
Technical downtime	122
Weather downtime	0.0
Other downtime (specify)	0.0

7. Weather

Fair, cloudy, humid, wave heights of 0.5 – 0.8 m; wind E 15 Kts, Temperature 25-32°C.

8. Planned Activity for the next 24 hours

Continue coring.

9. Health and Safety and Environmental

N/A

10. Photo of the day

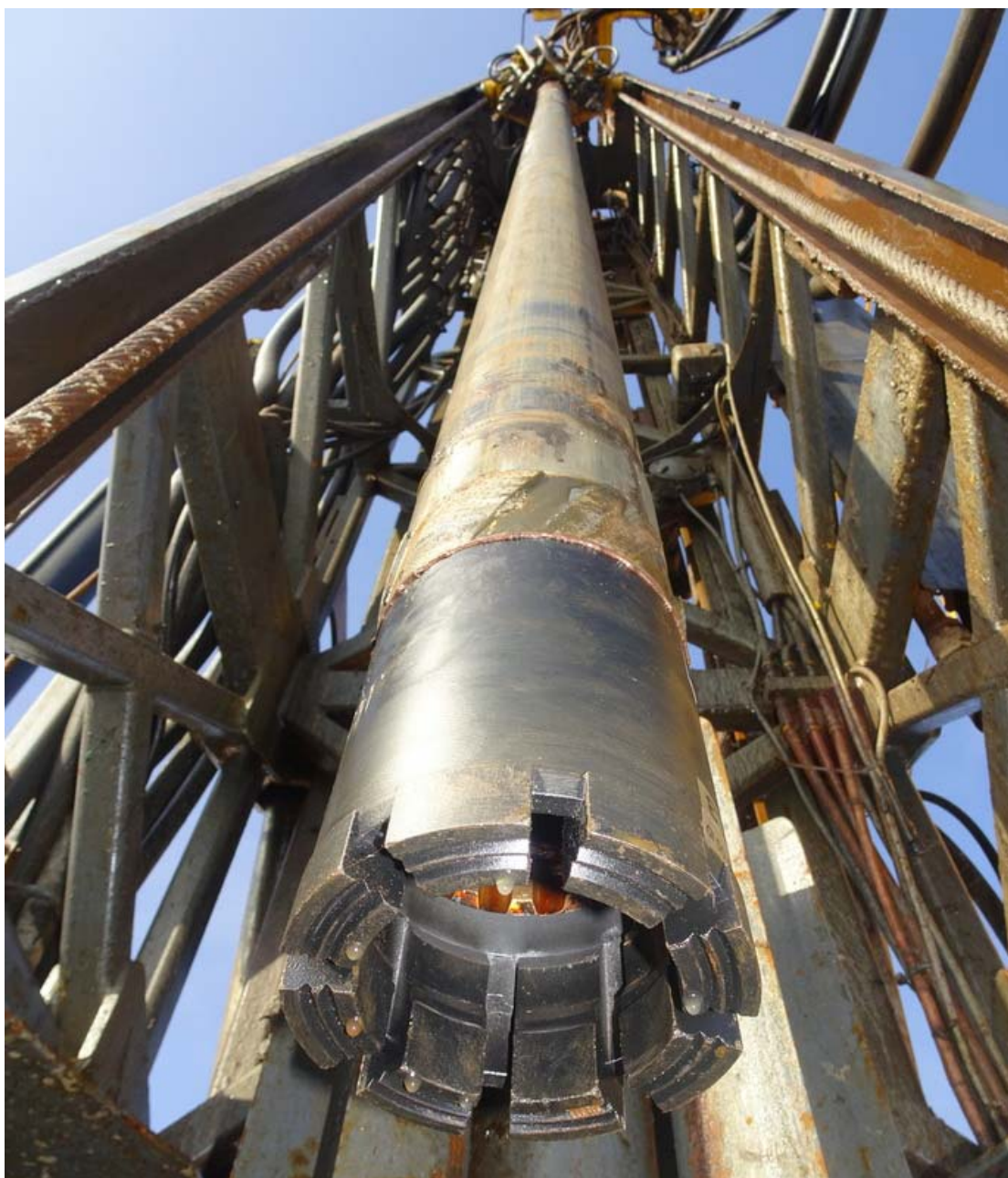


Image: DSmith©ECORD_IODP