

# Tech Report

Offshore Australia

Well phase	Precompletion
Well type	J-shape
Inclination	71°
Section	8½ in x 9⅞ in

## Background

An operator planned to underream the 8½-in x 9⅞-in section of a deepwater well before performing a hole cleanout and mud conditioning operation. To maximize drilling efficiency and cleanup, SLB proposed an integrated BHA that included PowerDrive Orbit™ RSS, Rhino XC™ reamer, SWITCHBACK SCRAPER™ tool, WELL COMMANDER™ valve, and MAGNOGARD™ magnet.

## Technologies

- MAGNOGARD openhole magnet
- WELL COMMANDER ball-activated drilling circulating valve
- SWITCHBACK SCRAPER versatile casing cleaning tool
- Rhino XC on-demand hydraulic actuated reamer
- PowerDrive Orbit rotary steerable system



# Openhole magnet tool eliminates cleanup run, saving 16.5-h rig time



The MAGNOGARD openhole magnet captured more than 30 lb [13.6 kg] of damaging debris during hole enlargement, eliminating the need for a separate cleanup trip. The operator drilled the section to TD in one run, saving 16.5 h of deepwater rig time compared with offset wells where multiple runs were made to achieve the same objective.

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