

#### Background

An operator was setting a whipstock and then milling a window for a casing exit. From previous experience, they used flowline magnets to manage the ferrous debris created during milling. To validate existing procedures in using only surface equipment to manage ferrous debris, the operator agreed to run the MAGNOSHIELD\* drillstring magnet as part of early field trials.

#### Technology

MAGNOSHIELD drillstring magnet

## MAGNOSHIELD Magnet Collects 5.51 lb Additional Metallic Swarf in Field Trial, North Sea

Large piece of debris recovered with MAGNOSHIELD magnet



*The premium ditch magnets collected 17.6 lb [8 kg] of metallic swarf from the milling operation. The MAGNOSHIELD magnet collected an additional 5.5 lb [2.5 kg] of metallic swarf from the mud system while milling. Also, the MAGNOSHIELD magnet captured a larger piece of debris that could have caused damage to the MWD in the milling BHA.*