

Well type	Open hole
Total depth	5,168 m [16,955 ft]
Section	8½ in
Inclination	77.6°

#### Background

In preparation for screen deployment, an operator planned to drill out the 9½-in casing shoe track and 81 m [265.75 ft] of the 8½-in openhole section, pull back to the shoe, run back to TD, and perform flow-through screen tests. To reduce the risk of packoff around large-OD tools during this operation and mitigate problems during future completion operations, the operator deployed the MAGNOGARD\* openhole magnet to collect potentially damaging downhole debris.

#### Technology

MAGNOGARD openhole magnet

## MAGNOGARD Magnet Captures 82% of Total Ferrous Debris Recovered in Azerbaijan Well

Operator uses openhole magnet to collect 22 kg [48.5 lbm] large debris and swarf, enabling successful screen deployment



*The operator incorporated tandem 6½-in MAGNOGARD magnets into the drillstring—collecting a total of 22 kg [48.5 lbm] of ferrous debris, such as magnetized pipe dope and metal swarf. The MAGNOGARD openhole magnets recovered nearly seven times more debris than the surface magnets, enabling the operator to run and install the screens with no issues.*