

Background

A major operator was concerned about the negative impact of debris in drilling and completion fluids systems, possibly including poor ROP, shorter service intervals when drilling, delays in completion, and the need for intervention. Micronized ferrous debris might find a way past surface controls.

It was identified that the MAGNOSHIELD* drilling magnet had merit in precompletion wellbore cleanup and in postperforation cleanup activities.

Technologies

- MAGNOSHIELD drilling magnet

Powerful Magnet Intercepts Costly Debris, Gulf of Mexico

Nontraditional cleanup during precompletion and postperforation proves valuable



The MAGNOSHIELD magnet proved its versatility in all well conditions and various stages of well construction and delivery. Approximately 120 lb of debris was recovered.