

Expro Excellence
Aero™ sleeves exhibit outstanding performance in customer's longest bit run to date

Coretrax | Advance



Objectives and background

- A major operator, drilling a 12-1/4" intermediate section in Eastern Canada required a borehole conditioning solution to address the challenging abrasive formations, which typically causes significant bit damage and accelerated wear to stabilizers, sleeves, and BHA components

Expro Excellence

- The operator and directional drilling company opted for Expro's AERO™ RSS sleeves due to their superior directional response and the significant wear resistance proven in multiple regions around the globe
- Ruggedized non-magnetic 12-1/8" sleeves, reinforced with PDC inserts, were specifically engineered for the rotary steerable system (RSS) to function as stabilization points, enhancing directional control

Value to the client

- In a recent drilling operation, 14,449 ft of 12-1/4" section were successfully drilled, in a single 14-day BHA run, achieving the longest bit run through a full Catalina section and partial B Marker section and, in general, the operator's longest bit run overall for this hole section
- Post-job inspection revealed that both AERO™ sleeves had maintained their integrity throughout the operation, ensuring optimal steerability and full gauge of the wellbore
- The optimized position and the angle of the PDC cutters on the AERO™ sleeves significantly enhanced the drilling performance by ensuring the stabilization of the RSS was maintained and optimal directional responses were achieved

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The AERO™ sleeves hold up like a “champ” and they are the best they have ever seen

Enhanced production

