

2026 Drill Bit Forum and Exhibition



Highland Pines Golf Club

February 24, 2026

GoA 26” Section Challenges & Solutions

Dexter Trahan, Bits Product Engineer Lead – NAO

SLB

Feb 24th, 2026

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Speaker Information

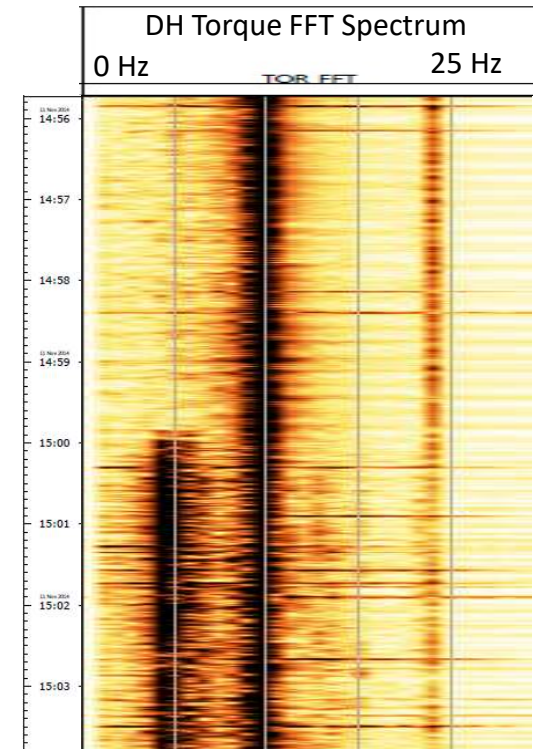
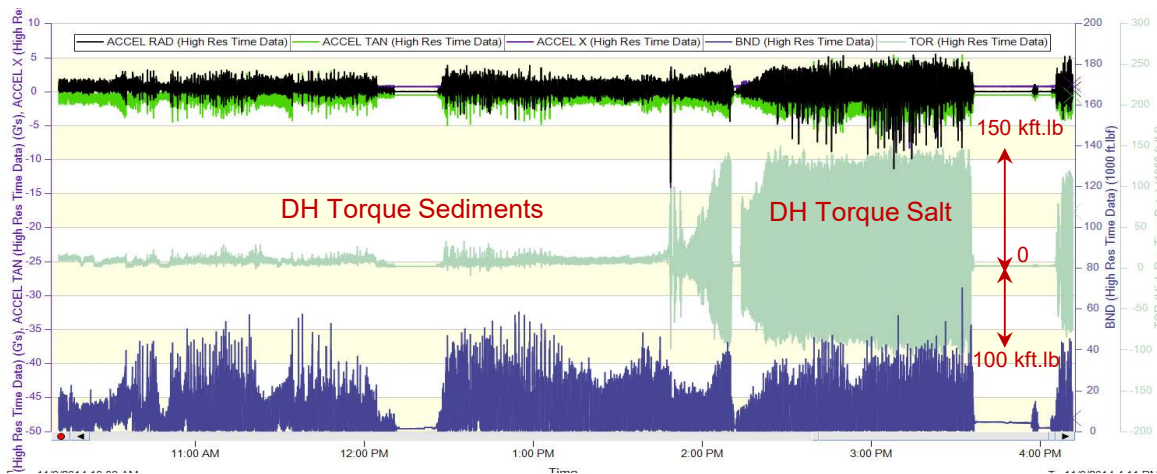
- Dexter Trahan
- Bits Product Engineer Lead – North America Offshore
- Feb 24th, 2026



100

Years of Driving
Energy Innovation

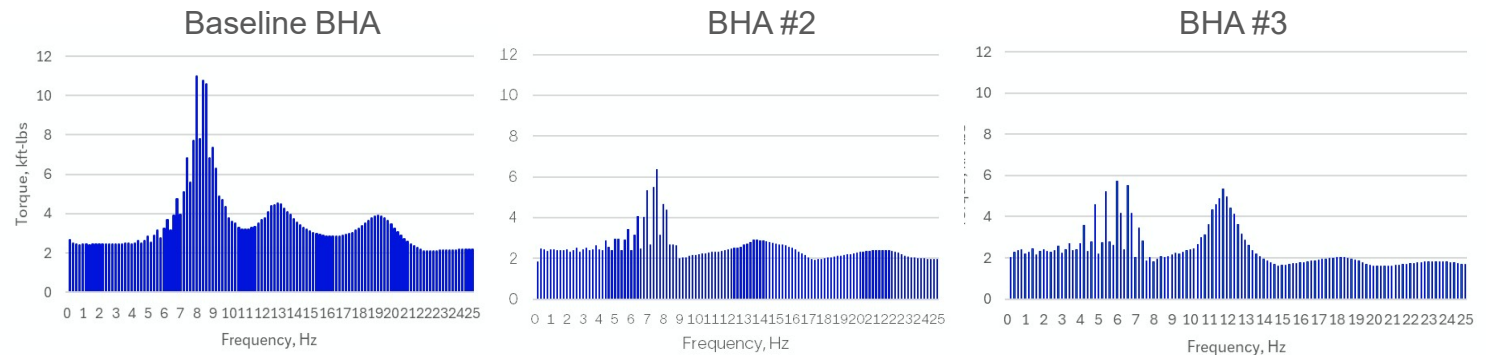
Challenge #1: MFTO Drilling Salt



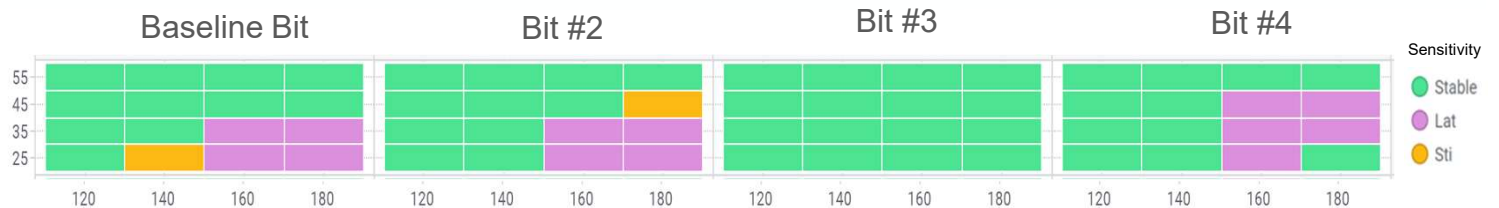
- Severe MFTO in Salt
- Detection / Mitigation Requires HF Downhole data
- Over TQ / Damaged BHA components

Challenge #1: Drilling Modeling Analysis

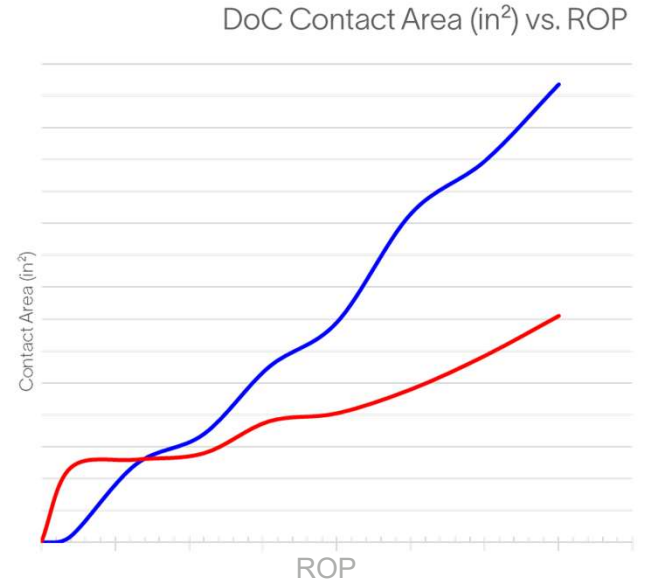
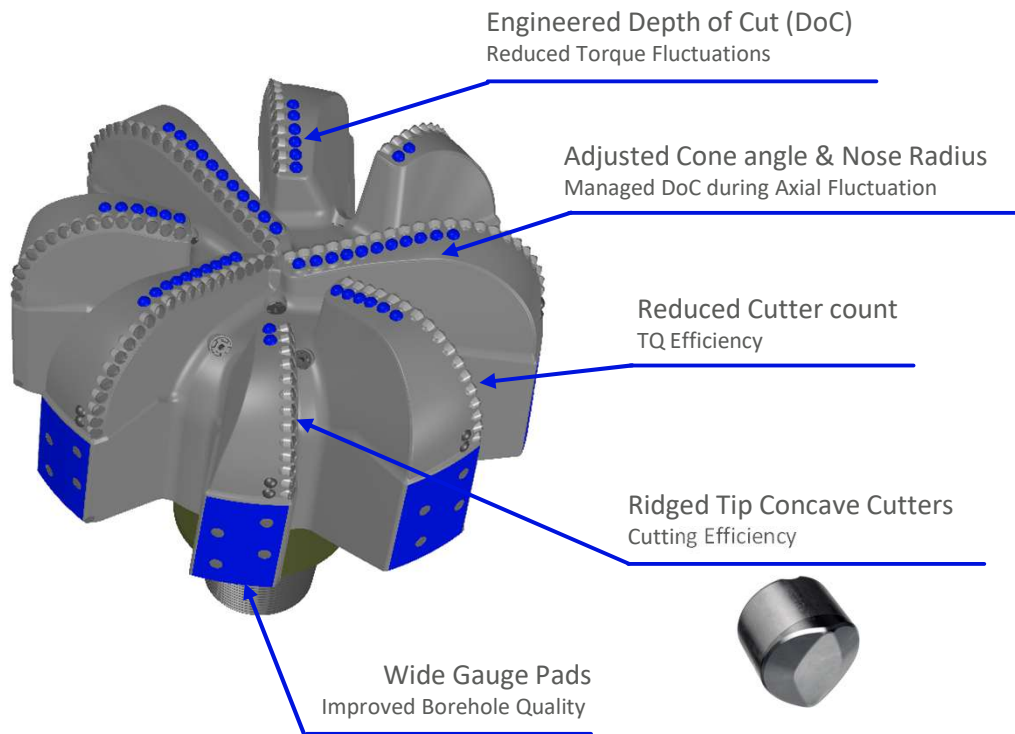
- DC & Stabs



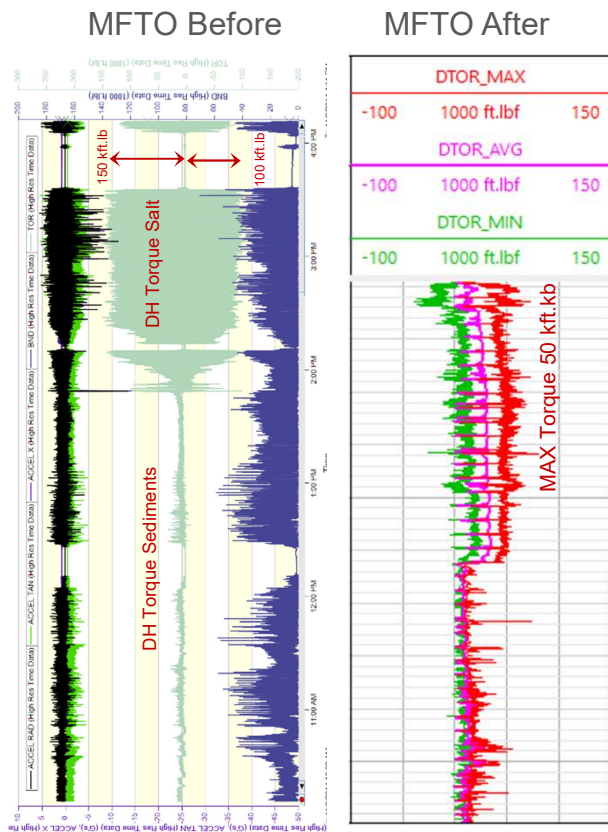
- Bit Attributes



Challenge #1: Bit Solution

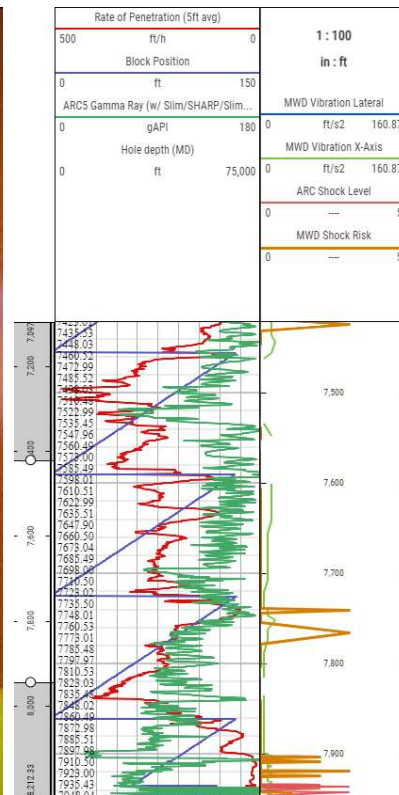


Challenge #1: Bit Results



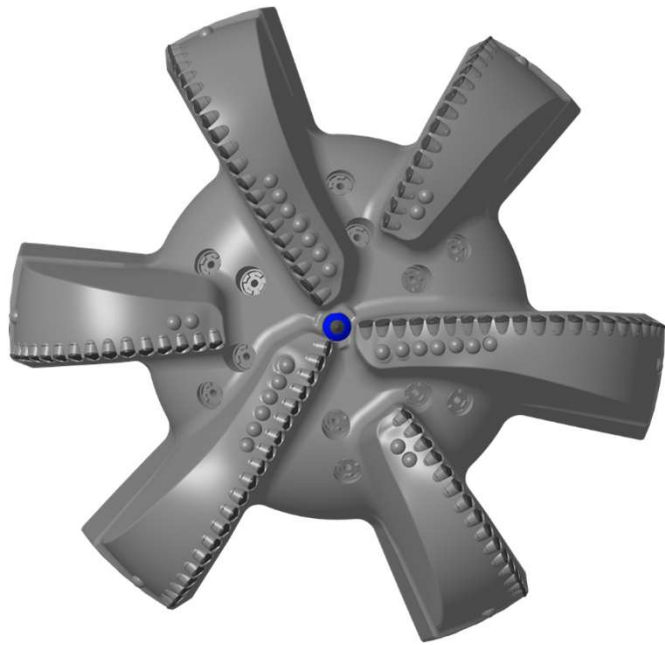
- Reduced MFTO Magnitude
- No Over-Torqued Components
- Longest Salt Interval
- 2nd Highest ROP

Challenge #2: Bit Balling in Sticky Shales

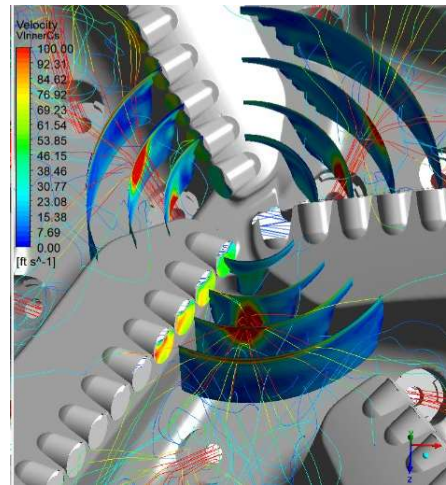


- Severe Bit Balling
- ROP Decline
- Increased Mud Costs
- POOH for PR

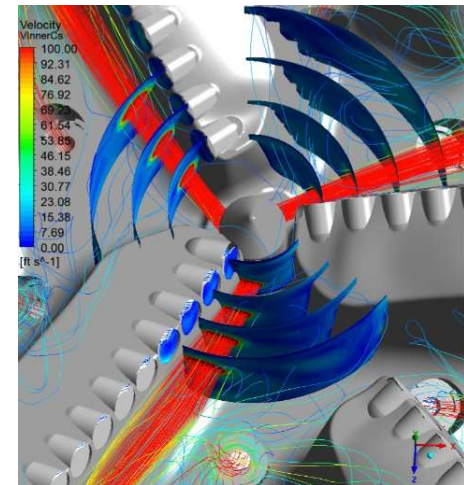
Challenge #2: Drill Bit Solution



Conventional

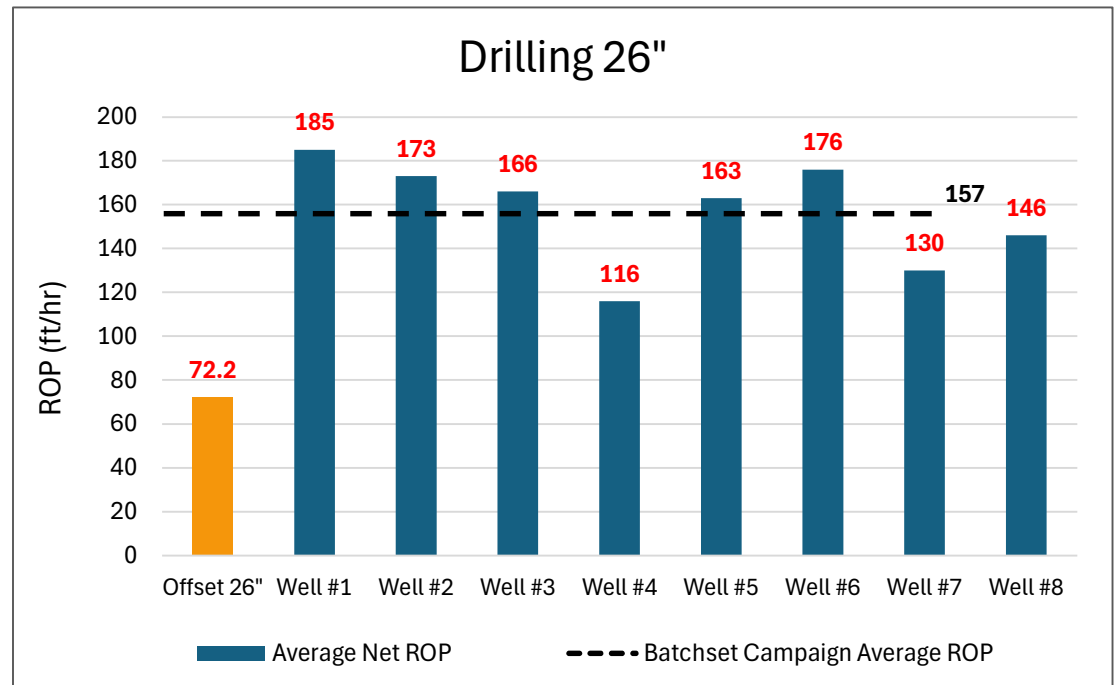
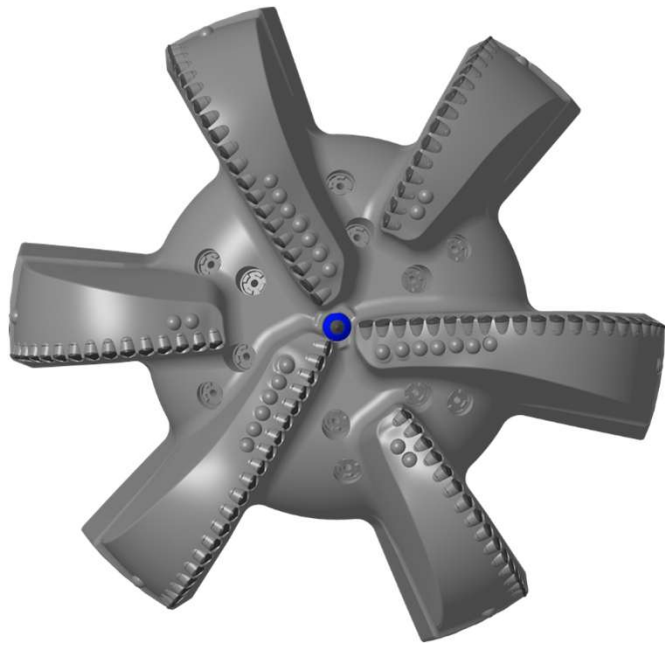


Technology Solution



- Radial Flow for Cuttings Evacuation
- Increases Cutting Velocity 27% from Bit Face
- Deforms / Breaks Ribbons

Challenge #2: Results



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Thank You

