



CASE STUDY #402: BAKKEN & NIOBRARA

FLUID EFFICIENCY THAT GOES THE DISTANCE

Plugs pumped down faster with over

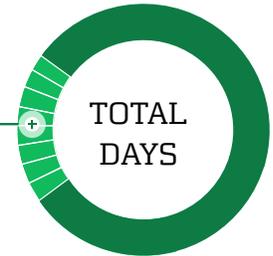
4x



LESS WATER

8 DAYS SAVED

based on original project schedule



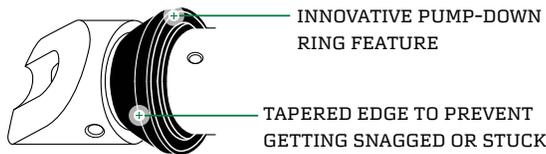
CHALLENGE

Efficient water use is important on every completion. But it's absolutely essential when water resources are limited. That's what one operator completing two horizontal wells in the Niobrara was up against. To make matters worse, the standard frac plug being deployed was taking roughly 640 barrels of water to pump down to depth. With an average MD of 14,250 ft. for both wells and 81 total plugs to set, Magnum knew they needed to find a high-performance alternative to help the operator meet project goals.

HIGHLIGHTS

- Two horizontal wells
- Roughly 14,250 ft MD each
- 81 total plugs to set
- Limited access to water
- Current plug taking 640 barrels of water to reach desired depth

MAGNUM SNUB NOSE 2-PIECE™ FRAC PLUG



SOLUTION

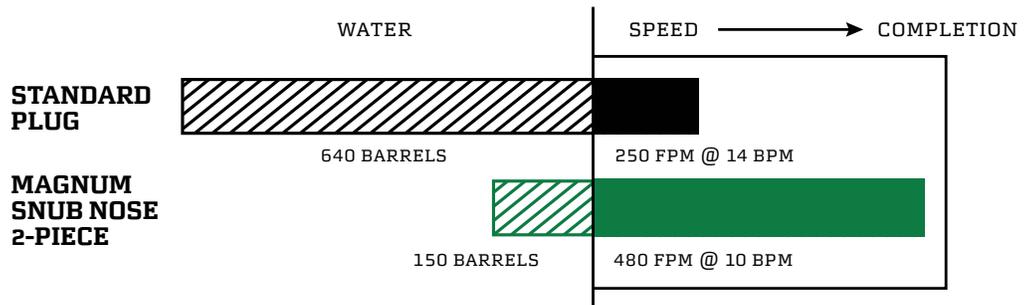
Magnum recommended the Snub Nose 2-Piece frac plug. This product's innovative design features a pump-down ring with a unique tapered edge—specifically engineered to help increase fluid efficiency without getting stuck downhole.

RESULTS

After switching to the Magnum Snub Nose 2-Piece, the customer found they were able to get the plugs to desired depth faster while drastically reducing their fluids usage.

HIGHLIGHTS

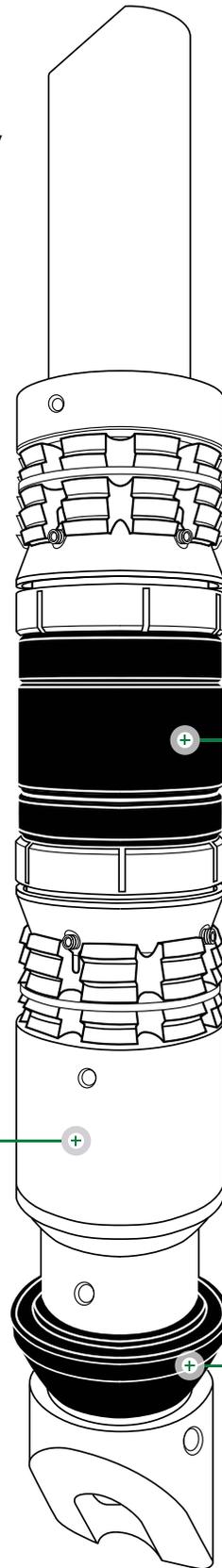
- Cut water usage per run down to 150 barrels
- 6 fracs per day — exceeding original project estimate of 4 per day



The Magnum Snub Nose 2-Piece™

When you need a completion product that takes efficiency to the next level, the Snub Nose 2-Piece is the answer. Designed with a unique pump-down ring with a tapered edge, this innovative plug allows you to drastically decrease fluids usage without increasing the risk of getting stuck. And with a user-friendly design for simple tool prep, you'll get to more efficient completions that much faster.

PROPRIETARY MATERIAL
ENGINEERED TO MILL UP
FASTER AND FINER



SUPERIOR SEALING
ELEMENTS

INNOVATIVE TAPERED-
EDGE PUMP-DOWN RING
DESIGNED TO MAXIMIZE
FLUIDS EFFICIENCY
WITHOUT GETTING STUCK



For more, visit magnumoiltools.com