

Baker Hughes integrated drilling solution featuring Prism shaped cutters eliminates drilling time, costs

CHALLENGES

- Drill exploratory well with extended lateral section quickly and efficiently
- Maximize rates-of-penetration
- Reduce non-productive time
- Minimize chipping and impact damage to the drill bit
- Drill lateral section with a single drill bit to avoid unnecessary trips (previous offsets required 2-3 bit runs to drill the section)
- Minimize vibrations to avoid bottomhole assembly damage while drilling

SOLUTION

Deployed integrated drilling solution to optimize performance and wellbore quality using a variety of advanced technologies including:

- 4-3/4-in. [Lucida™ advanced rotary steerable service](#) with automated wellpath trajectory control and continuous proportional steering
- [Dynamus™ extended-life drill bit](#), which optimizes ROP in long laterals
- [Prism™ shaped-cutter technology](#) to minimize vibrations and extend bit life with excellent durability and superior abrasion resistance.

RESULTS

1071 m
drilled in a single, record-setting run

67% faster
drilling time vs. offsets for 6-in. hole section

\$240K USD
estimated savings

Prism™
Shaped-cutter technology

