

CASE HISTORY

DROPPING DAYS IN THE BAKKEN



APPLICATION

Drilling Optimization and Advanced Technology

TECHNOLOGY

FALCON MP MWD, SCI-Gamma

LOCATION

Bakken Shale, Dunn County, North Dakota

CHALLENGE

Scientific Drilling was challenged to reach Total Depth (TD) of a 21,500 foot well in 12 days, a goal the Client had set for themselves in 2016.

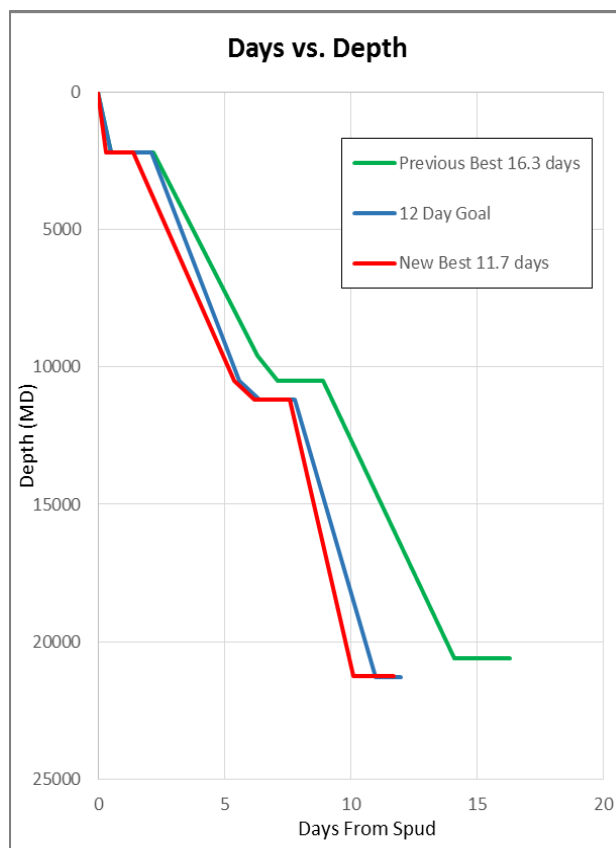
With the previous directional service provider, they were unable to get past 16+ days.

SCIENTIFIC SOLUTION

SDI evaluated the well plans and drilling parameters to deliver an optimized well for the Client.

We were able to achieve the goal by:

- Utilizing our SDI Client Support Engineer to modify well plans for the best drilling performance
- Utilizing our Falcon MP MWD and Sci-Gamma to decrease survey time and increase data density (gamma and toolface updates)
- Providing dedicated and motivated field personnel that are committed to the customer's objectives.



CLIENT VALUE

By adding Scientific Drilling's experienced support and field personnel, and our industry leading technology to the Client's drilling team, we were able to achieve the 2016 goal of 12 days from Spud to Rig Release.

"Prior to picking up Scientific Drilling, our best performance was 16.27 days per well. Within just a few wells of joining the Team, Scientific Drilling helped us reduce that to less than 14.5 days, and on the 5th well they helped us reach the 2016 goal of 12 days or less. This performance increase was coupled with an increase in wellbore quality through smoother well paths in all hole sections."

Senior Drilling Engineer (XX Client)

Updated January, 2017

Copyright © 2017 Scientific Drilling International