

CASE HISTORY

TITAN TD OVERCOMES OBSTACLES OF A ONE - RUN BHA SYSTEM

APPLICATION

Directional Drilling

TECHNOLOGY

Titan TD - Drilling Motor

LOCATION

South Texas
(Eagle Ford)

CUSTOMER CHALLENGE

As customers push performance for a reduction in days per well, operators are challenging drilling companies to produce a single BHA that can drill all three hole sections. The one BHA component that has been preventing SDI from drilling out of surface casing and continuing until Total Depth (TD) is the traditional mud motor. Rotating a mud motor with a large bend angle over extended periods results in fatigue down hole failure, defeating the purpose of attempting a one-run BHA with a traditional mud motor.

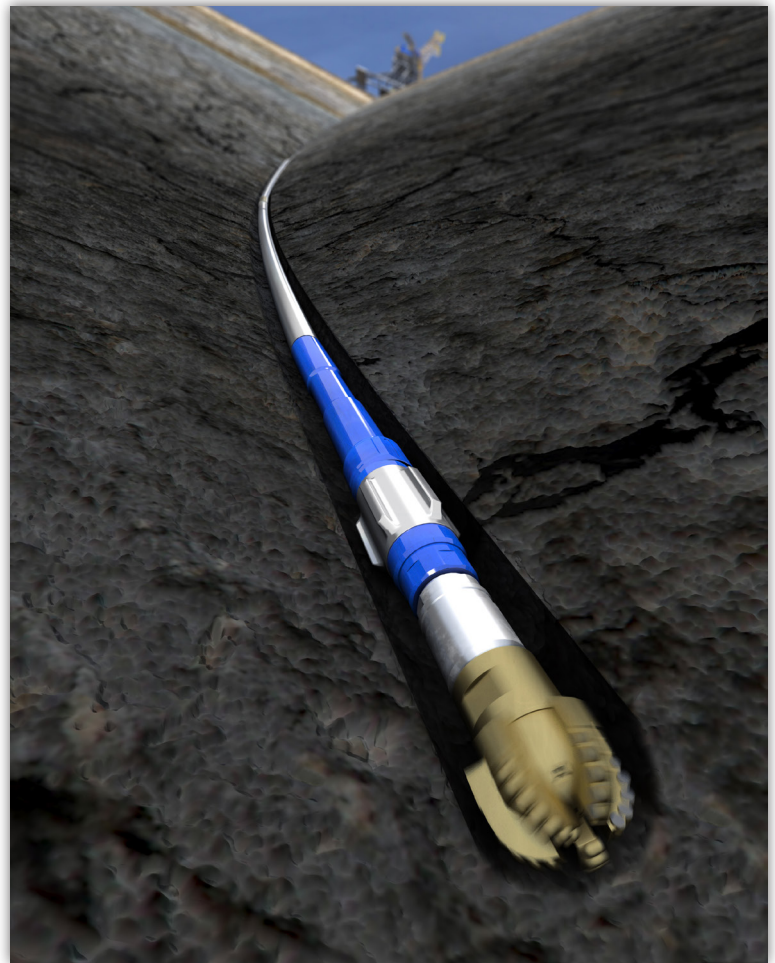
SCIENTIFIC SOLUTION

SDI's Titan TD offers the industry a solution to overcome the obstacles of a one-run BHA system. Its reduced bit-to-bend length allows the motor to build more angle per incremental degree of bend.

For that reason, SDI can run a lower bend angle on the motor and still achieve the desired build rates for the curve section allowing us to rotate the motor for extended periods with a lower risk of failure. The Titan TD, coupled with the outstanding reliability and ruggedness of our current and next generation MWD tools, will only make the one-run system that much more attractive to operators.

CUSTOMER VALUE

By using SDI's Titan TD, the customer was able to drill out of surface casing and reach TD with one BHA run, decreasing the time spent on tripping and increasing time spent on bottom drilling footage. These advantages helped the customer to reduce injuries, rig time, and other fixed costs.



TITAN TD MOTOR

The TITAN TD was designed as a one trip system, with full rotational capability and the ultimate reliability, the TITAN TD will take you FROM KICK-OFF TO TD.

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