

Operator Efficiently Drills 6 1/8-Inch Long Deviated Section

ENGINEERED DRILLING SOLUTION DELIVERS MORE PRECISE DIRECTIONAL CONTROL, MAXIMIZES ASSET VALUE

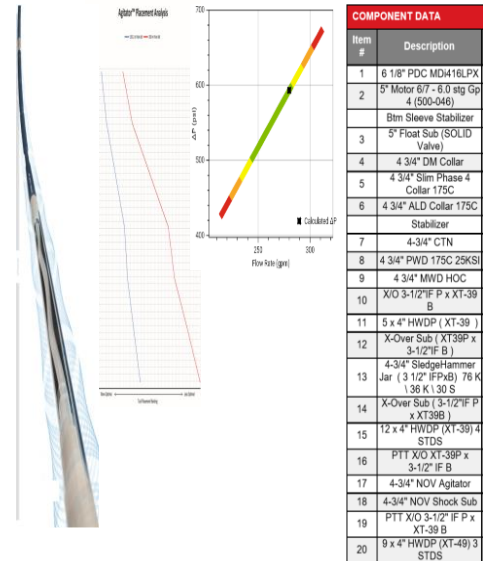
THAILAND

OVERVIEW

An operator in Thailand needed to drill a 6 1/8-in. long tangent section with a steep inclination of ±60°. They planned on using a 5-in. TerraForce™ positive displacement motor and Quasar Trio® measurement-while-drilling/logging-while-drilling (MWD/LWD) triple-combo service to provide an IADC rate of penetration (ROP) of 30 fph, while maintaining precise directional control.

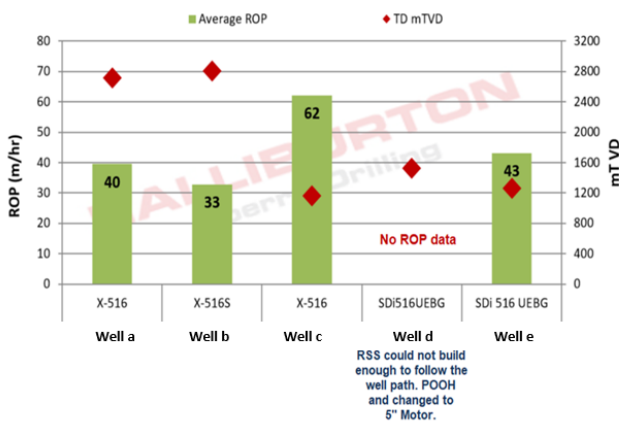
Halliburton Sperry Drilling proposed a customized, multi-component BHA design, in conjunction with an Agitator™ tool to improve weight transfer to the bit. The section was successfully drilled to total depth (TD), which resulted in an interval length of 6,194 ft (1,888 m) MD with an inclination of 59°. The average on bottom ROP was 55.45 fph – IADC ROP of 40 fph. The optimized Agitator placement led to minimal vibration and no interference with MWD telemetry.

The Sperry Drilling engineered solution and performance met customer expectations to maximize asset value and, on the strength of the performance, the operator decided to grant Sperry Drilling a total of six extra wells.

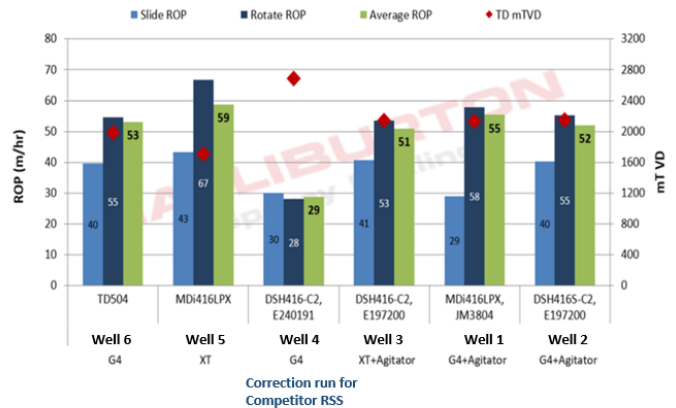


Proposed BHA design, listing components, featuring a 5-in. TerraForce™ motor and a 4 3/4-in. Agitator.

On bottom ROP: Competitor RSS



On bottom ROP: HAL Motor



© 2019 Halliburton. All rights reserved. Because the conditions of use of this product are beyond the seller's control, the product is sold without warranty either express or implied and upon condition that purchaser make its own test to determine the suitability for purchaser's application. Purchaser assumes all risk of use and handling of this product. This product will be replaced if defective in manufacture or packaging or if damaged. Except for such replacement, seller is not liable for any damages caused by this product or its use. The statements and recommendations made herein are believed to be accurate. No guarantee of their accuracy is made, however.