

WWT FlexShoe with JetGuide Helps 4-1/2in Liner Run Through Window in Oman

Operator Identifies WWT FlexShoe as a Possible Solution to Help Liner Run Through a Sidetrack Window in Oman

Well Basics:

- Window milled through 7in casing at 3050m MD.
- Directional well with approx. 15deg inclination and 12deg/100ft dog-leg at the sidetrack point.
- 5-7/8in OH to 3450m MD

WWT FlexShoe Guides Liner to Bottom

The WWT FlexShoe, model FLX-450, was picked up and run in the hole without difficulty. The 4-1/2in casing was run through the window without any noticeable drag, and run through the window. The casing was also run to TD without any drag or tight spots, as seen on the hookload chart below. There were no issues circulating mud, LCM, or cement through the FlexShoe.

The company man reported that the FlexShoe worked as expected, and that the liner got to bottom without issue.



Location: Oman
 Well Type: Land, Directional Well
 Objective: Run 4-1/2in liner through window.
 Solution: WWT FlexShoe
 Results: Smooth casing run to bottom.

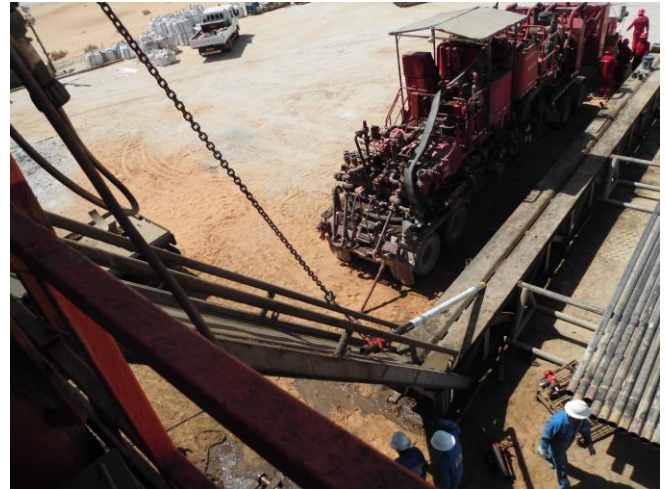
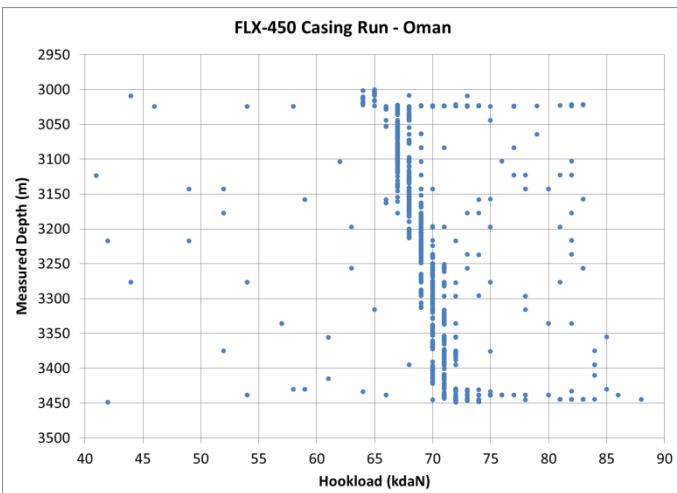


Photo showing WWT FLX-450 being lifted to the rig floor.



Photo showing the FLX-450 being run through the rotary table.



Hookload chart from the casing run. Notice the smooth trend, with no drag as the casing and shoe run through the window at 3050m MD.