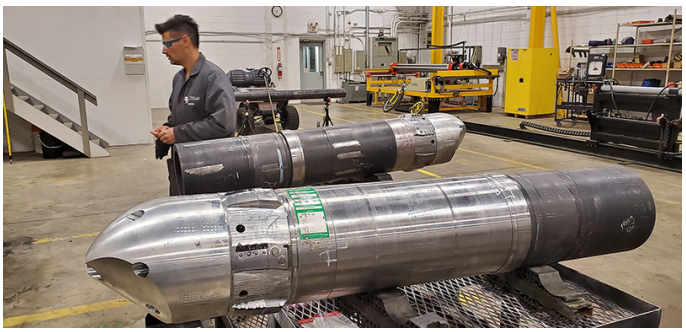
ANALYSIS

CASE STUDY: First Reamer Run Gets Casing to Bottom - EGYPT | case study no. 0034

Overview

Location: Egypt
On/Offshore: Offshore
Open Hole: 12.25”
Section Length: 1,933 meters
Casing Spec: 9.625”, 47 ppf, L80 Vam Top
Location: Shale
Hole Issues: Well Stability, Sloughing, Caving



Objectives

Run 9 5/8” 47 ppf, Vam Top casing from surface down to section TD at 1,933 meters MD. Utilise the HSRT to ream past potential hole challenges such as Well instability, sloughing and caving.

Tool Deployment / Execution

HSRT was surface tested to 250 GPM and worked as expected. Circulation was maintained at max of 210 GPM during RIH and the casing was washed down and landed at 1,933 meters TD without any issues.

Casing was cemented in place and HSRT was drilled out.

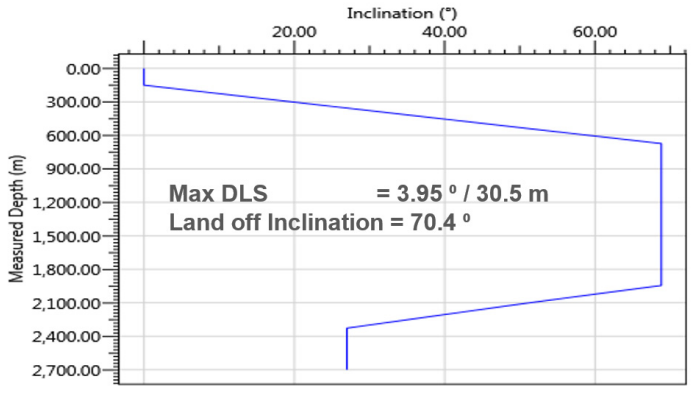
Drill-out Performance

Bit: 8-1/2” PDC
Duration: 1 hrs
Parameters: 300 - 350 gpm, 120 rpm, 10 - 22 kip, Torque 15 kft.lbs

Project Results

Client was impressed with the tool performance.

Well Profile



Client Rating