



Overview

Location: Thailand
Operator: PTTEP Thailand
Field: Sin Phu Horm, Onshore
Well: Phu Horm-16
12-1/4" Hole Depth: 2489 meters Measured Depth (MD) (8166 ft)
Total Reaming Time: 66 Hours
Products / Services: InFocus 9.625" HSRT - Hi Speed Reaming Tool

Known Hole Problems

Well had 900 m of unstable formation.
Ran tool through 120m of 13 3/8" casing, tagged fill at 890 m MD (2920 ft) reamed and washed 9-5/8" casing to land-off at 2,483 m MD (8143 ft) successfully.

Results

9 5/8" casing landed on depth/cemented.

Drill-Out

Tagged top of cement @ 2451 m MD (8041 ft).
Drilled out using 8 1/2" PDC, RSS BHA
WOB: 4536 - 9072 kg (10,000 - 20,000 lbs)
Flow Rate: 2020 LPM (534 GPM)
RPM: 80-100
Total drill-out of cement plugs, float equipment and shoe track in 4.25 hours
HSRT drilled out in 70 min.
Wiped HSRT several times during drill-out.

Good show of aluminum at surface and smooth drill-out with no resistance or over-pull when working the bit and BHA through the HSRT.

InFocus would like to thank PTTEP, Sunshine Offshore and OPS-OES for their contributions to this milestone of higher asset utilization, low run cost per hour, and high reliability of our HSRT product line.