

Case Study

\$2.1M in NPT Averted With 16 in. SET[®] Openhole Liner (OHL)

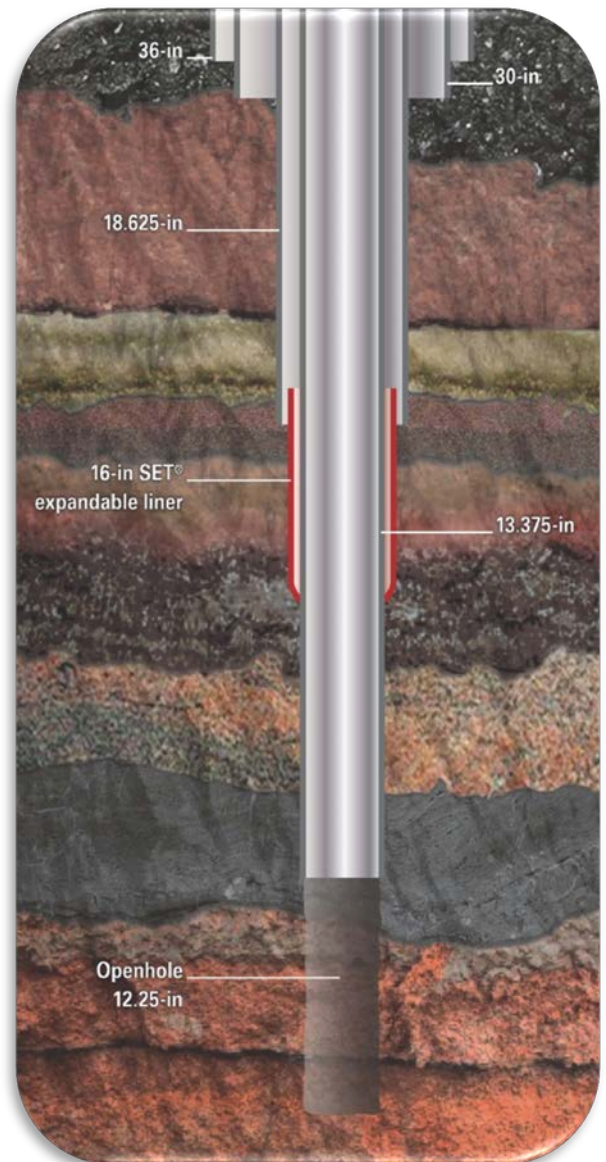
Challenge

Isolate a lower pressured oil production zone from other nearby higher pressured zones to mitigate cross-flow between the different reservoirs. The Arab-C formation has proved to be normally pressured and requires higher mud weights with respect to the Arab-D formation which has proved to be depleted and weak. This has led to loss scenario's and lost time spotting cement plugs in the Arab-D in an attempt to stem the losses.

Added Value

The system was used to isolate the normally pressured Arab-C formation allowing the Arab-D to be drilled with a lower weight mud system. The Operator was able to isolate their low pressured oil production zone and avoid two week NPT valued at \$2,100,000. In addition the 16 in. post expansion drift diameter allows drill-out with standard drill bits and drilling assemblies.

- ▶ **Completion Date:** April 2013
- ▶ **Location:** Middle East
- ▶ **Well Type:** Development
- ▶ **Base Casing:** 18-5/8 in. (115 lb/ft)
- ▶ **Solution:** 16 in. OHL
- ▶ **Depth:** 6,650 ft (2,027m)
- ▶ **Liner Length:** 1,608 ft (490m)



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