



Omega Completion Technology Ltd.

OMEGA CASE HISTORY

Closure & Re-Opening of 5-1/2" Timer Activated Sand Face Valves On E-Line Tractor

OBJECTIVES

- Close all 5-1/2" TA-SFV's using Omega Shifting Tools on Welltec Tractor & Stroker Tool.
- Allow bottom zone to flow independent of Upper Zones.
- Perforate Lower Producing Zone.
- Open all 5-1/2" TA-SFV's using Omega Shifting Tools on Welltec Tractor & Stroker Tool.
- Increase Production rate from A14.

RESULTS

- First Offshore deployment of Close & Opening Shifting Tools on a Welltec Tractor.
- First Mechanical Closing of 5-1/2" TA-SFV's (x4off).
- Perforated Lower Production Zone achieved.
- First Mechanical Opening of 5-1/2" TA-SFV's (x4off).
- All TA-SFV's successfully manipulated Closed and then successfully Re-Opened.
- Production rate increased.

VALUE TO CLIENT

- All 5-1/2" SFV's successfully manipulated using Welltec Tractor & Stroker Tool.
- Established flowing information from lower reservoir.
- Increased Oil production gained after additional perforations shot in lower reservoir.

CLIENT :

BP UK

LOCATION :

West Of Shetland, North Sea

FIELD :

Clair

WELL NUMBER :

A-14

WELL TYPE :

Oil Producer

LOWER COMPLETION:

5-1/2" 17lbs/ft Liner

MAX DEVIATION:

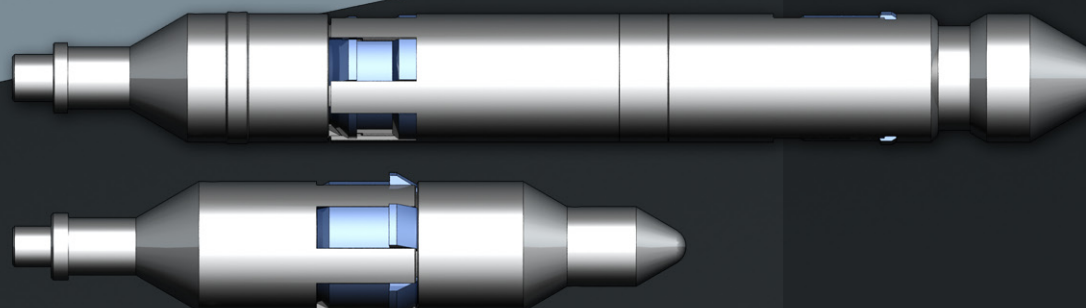
75.72 deg

OVERALL MD:

3521mtrs

OMEGA VALVE DEPTHS:

5-1/2" TA-SFV 2688.21mtrs
 5-1/2" TA-SFV 2721.57mtrs
 5-1/2" TA-SFV 2755.88mtrs
 5-1/2" TA-SFV 2896.77mtrs



REV 001 : 19/06/09