



Omega Completion Technology Ltd.

OMEGA CASE HISTORY

Baker 3.75" ARH Plug & Prong Retrieved in 78 deg Deviation Using Omega High Deviation Toolstring on Slickline.

OBJECTIVES

- Deploy Omega High Deviation Wireline Toolstring in deviation up to 78 deg to target depth. and retrieve both the prong and lock body.
- Retrieve the 3.75" ARH Prong.
- Retrieve the 3.75" ARH Plug from the nipple profile @ 3,910ft.
- Eliminate/reduce the high pressure drop across the HCM Plus sleeve by removal of the 3.75" ARH barrier.
- Carry out all operations using Slickline to minimize operational costs.

RESULTS

- Initial attempts enable on location personnel to gain understanding of well parameters, resulting in tool reconfiguration.
- 3.75" ARH Prong successfully latched/pulled & retrieved back to surface.
- 3.75" ARH Plug latched easily and retrieved from nipple profile with only 4 fires of the Horizontal Self Cocking Jar.
- Oil production was increased due to successful retrieval of the 3.75" Prong & Lock Body.

VALUE TO CLIENT

- 3.75" ARH Plug and Prong successfully retrieved with the use of Slickline, negating the use/cost association of Coil Tubing deployment.
- Maersk gained an incremental oil rate of 1,700bopd due to the success of the operation.

CLIENT :

Maersk Oil

LOCATION :

Qatar

FIELD :

Al Shaheen

WELL NUMBER :

AB-22

WELL TYPE :

Oil Producer

TARGET DEPTH:

3,909 ft & 3,910ft

MAX DEVIATION:

78 deg @ 3,909 ft / 3,910ft

TUBING DETAILS:

4-1/2" Tubing 12.6 lbs/ft

TOOLING INFORMATION:

2.50" Omega Roller Subs c/w
3.60" Eff OD Wheels.

2.50" Omega Horizontal Self
Cocking Jar.

2.50" Omega High Deviation
Tubular Jar.

4.00" SB Pulling Tool for retriev-
ing 3.75" ARH Prong.

4.00" GR Pulling Tool for retriev-
ing 3.75" ARH Lock Body

