



Omega Completion Technology Ltd.

OMEGA CASE HISTORY

Gathering Reservoir Pressure & Temperature Data Combined with Drift To New H.U.D in Highly Deviated Well.

OBJECTIVES

- Gather reservoir pressure & temperature data from well utilizing Omega Roller Gauge Carrier & Premier Quartz Gauges.
- Drift well to H.U.D with a 3.10" OD Variator Drift.
- Reach previous H.U.D depth of 10,008ft achieved by 2-7/8" Perforating Guns.
- Perform 5 minute gradient stops every 1000ft P.O.O.H

RESULTS

- Good reservoir data gained from deployed gauges.
- High Deviation toolstring, including Roller Gauge Carrier with 3.00" Eff OD Wheels fitted reach H.U.D @ 10,550ft.
- Additional 542ft of reservoir accessed and data gained.
- Well drifted with 3.10" Variator drift all in one run.

VALUE TO CLIENT

- New reservoir data used to plan next phase of well development.
- Single intervention provides real cost savings whilst gaining valuable well access and drift ID information.
- Additional 542ft gained during deployment highlights benefits of High Deviation Toolstring technology, with additional deployments being planned.

CLIENT :

Fairfield

LOCATION :

North Sea UK

FIELD :

Dunlin

WELL NUMBER :

DA-42

WELL TYPE :

Oil Producer

TARGET DEPTH:

10,000 ft

MAX DEVIATION:

94.1 deg @ 12,708ft

TUBING DETAILS:

5.00" 18lbs/ft (4.276")

TOOLING INFORMATION:

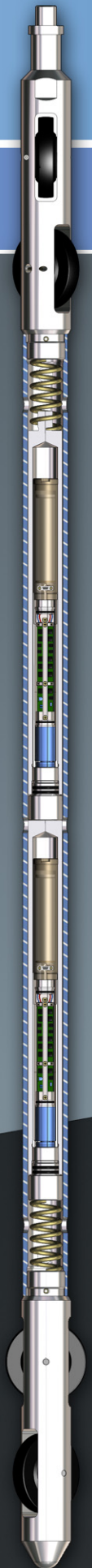
2.50" Omega Roller Subs c/w 3.00" Eff OD Wheels

2.50" Omega Horizontal Self Cocking Jar

2.50" Omega High Deviation Tubular

Jar3.10" Variator Drift

Roller Gauge Carrier c/w 3.00" Eff OD Wheels & x2off Premier Quartz Gauges



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