

# Omega Case History

## Omega E-Line Roller Subs Enable Successful Deployments During Extensive Perforating Operation In 72° Deviation.

### Background & Objectives

- Provide Marathon with specific sized E-Line Roller Subs to enhance tool lift and minimise tool friction during deployment.
- Carry out initial drift run with E-Line tool string to HUD.
- Deploy 10ft/20 ft/31ft & 41ft lengths of 2-7/8" Perforating Guns to various target depths.
- Enable accurate Correlation and Perforation once at target depths.

### Results

- 3.4" OD Drift deployed successfully to top of lost Roller Bogies & HUD tagged @ 25,437ft without incident.
- Total of 24 deployments were carried out for Marathon.
- Pick up weights were gained for the first time from 5000ft to 10,000ft during an E-Line deployment. (Previous practice was to run from 5000ft to 10,000ft with out stopping).
- Lightest P.U.W's ever obtained during intervention operations in B31.
- 450ft of new perforations were achieved.
- Approx 1.3 million ft travelled during operation.

### Value To Client

- Operational time line was greatly reduced.
- Production was increased by 20% after re-perforation.
- Marathon consistently gained access to target depths during operation.
- Overall reduction in operational cost.

**CLIENT :**  
Marathon

**LOCATION :**  
North Sea, UK

**FIELD :**  
Brae Bravo

**WELL NUMBER :**  
B-31

**WELL TYPE :**  
Oil Producer

**TARGET DEPTH:**  
25,437 ft

**MAX DEVIATION:**  
72 deg @ 10,000 ft

**TUBING DETAILS:**  
4.00" Liner 12.6#/11.6#

**TOOLING INFORMATION:**  
2.50" OD Omega Roller Subs c/w  
3.25" Eff OD Wheels.

2-7/8" Perforating Guns – Various lengths.

