**Case History**

**Well Intervention**

**HR Tool – Hydraulic Release Mechanism**

**Location:**

Onshore U.K.

**Challenge:**

Set cement plug at 2,572 ft in open hole with top of cement plug above casing shoe.

**Solution:**

Run 2-7/8" Cement String below HR Tool. Once cement is pumped, release from string and pull out of hole.

**Well Description:**

Coal Bed Methane (CBM) vertical well, 9-5/8" casing before open hole

**Tools Used:**

Hydraulic Release Tool (HR Tool) with pump thru configuration

2-7/8" Cement String

**Procedure:**

- Make up Cement String under HR Tool and run to depth.
- Pump required cement volume to place top of cement plug above casing shoe.
- Drop ball onto seat, then pressure up to activate hydraulic release.
- Pull up to disconnect from 2-7/8" Cement String.
- Pump foam ball to clean work string.
- Pull out of hole.

**Result:**

- Good cement placement assured for permanent abandonment.