



## CASE HISTORY

Well Intervention

HR Tool – Hydraulic Release Mechanism

### Location:

**Onshore U.K.**



### Challenge:

Set cement plug at 2,572ft 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.

