



CASE HISTORY

Unconventional Resources

Single Set – Retrievable Inflatable Packer

Location:

Onshore Australia



Challenge:

To deploy 4-1/2" liner in underbalanced drilling open hole conditions.

Solution:

Run 3-3/8" OD Single Set Bridge Plug and set in 7" casing to isolate gas pressure from below and allow kill fluid to be placed above Bridge Plug for liner deployment.

Well Description:

Gas well, 7" casing to 3,585-ft (MD) / 2,171-ft (TVD), 6-1/8" open hole to 4,829-ft (MD) / 2,486-ft (TVD)

Tools Used:

3-3/8" OD Single Set Bridge Plug
2-1/2" Hydraulic Release Sub
3-3/4" Basket Grapple Overshot

Procedure:

- Run Single Set Bridge Plug with Hydraulic Release Sub to depth.
- Inflate and set Bridge Plug.
- Release hydraulically from Bridge Plug, then POOH.
- Make up Overshot to liner and RIH.
- Latch on to top of Bridge Plug and apply overpull to deflate.
- Run liner to TD.

Results:

- Bridge Plug was run, set, and deflated allowing successful liner deployment. Bridge Plug was carried to bottom with the liner

