CASE HISTORY

Unconventional Resources

PW Tool – Multi-Set Straddle Packer

Location:
Onshore U.K.

Challenge:
Perform selective injectivity test of coal seams in Coal Bed Methane (CBM) well.

Solution:
Run and set 5-1/16” OD PW Tool in 5-7/8” open hole at various depths to perform test between straddle packers.

Well Description:
CBM well, 5-7/8” open hole

Tools Used:
5-1/16” OD Perforation Wash Tool with Hydraulic Release Sub
21’ between straddle packers

Procedure:
• Make up tool assembly onto work string and run in hole to first depth.
• Set packers and perform injection test.
• Unset packers and move up to next testing depth.
• Repeat process for all testing depths.
• Once testing is done, pull tool assembly out of hole.

Results:
• Performed 11 successful tests over an 8 day period. Information from these selective tests provides enhanced understanding of reservoir characteristics.