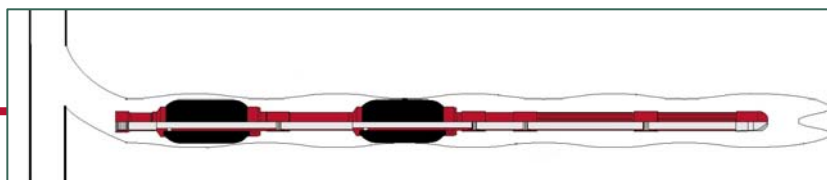




Weatherford®

REAL RESULTS



BULLDOG™ Annulus Casing Packers Run Through Window with Whipstock Removed, Set in Horizontal to Stop Water and Solids Production in 41 Wells

Objective

- Permanently isolate water and solids in 41 Canadian coalbed methane wells. For all of the wells, the operator wanted to produce the main bore along with a new lateral. The operator had removed the whipstock from each well and run a bent joint on the bottom of a 4 1/2-in. liner to transition the liner and packers through the window; but the concern was whether the packers could withstand the rigors of the trip.

Results

- Weatherford ran two *BULLDOG* packers through the window of each well in a single run, without incident, and successfully inflated the packers to isolate water and solids.

Value to Client

- The ruggedness of the *BULLDOG* packers was key to the success of this job, which allowed Nexen to reduce water and solids influx and increase gas production from all 41 wells.
- Produced-water disposal costs were also reduced.

Weatherford's *BULLDOG* annulus casing packer is designed to be run as an integral part of the casing string. When inflated, it provides a tough and reliable annular seal between the casing and the wellbore or a previously installed casing string. The packer is designed for inflation with drilling mud, water, or cement.

Client

Nexen Inc.

Location

Canada

Well Type

Coalbed methane

Number of Wells

41

Hole Angle

Horizontal

Hole Size

6-1/4 in.

Inflatable Packer Size

4-1/2 in. x 10 ft, with 5 1/2-in. OD

Depth of Window in 9 5/8-in. Casing

3,675 ft (1,120 m)

Total Depth of Lateral

9,636 ft (2,937 m)

Products/Services

BULLDOG annulus casing packers