



CASE HISTORY

Well Intervention

Single Set – Retrievable Inflatable Packer

Location:

Offshore Qatar



Challenge:

Isolate open hole water producing fault and reduce water production.

Solution:

Set Bridge Plug below fault, Cement Retainer above fault, and squeeze cement into faults.

Well Description:

Horizontal oil producer, 90° deviation, 3.725" nipple restriction, 8-1/2" open hole

Tools Used:

3.53" OD Single Set Bridge Plug
3.53" OD Single Set Cement Retainer
Run and set on coil tubing

Procedure:

- Perform PLT and open hole caliper.
- Run and set Bridge Plug.
- Run and set Cement Retainer, squeeze cement into faults.

Results:

- Reduced water cut by 80% and increased oil production to 3,000bbls/day.

Value Created:

- Increased production revenue by \$300,000 per day.

