

COILED TUBING & PUMPING PRODUCTION SUPPORTED OVER LONG TERM WATER INJECTION

Country: UK
Year: 2015
Technologies: **Fluid Pumping**

MAKING INTERVENTION
SMARTER

Field life extended and production increased by 50% through the use of temporary water injection package

CHALLENGE

Production was tailing off from an ageing field. No viable means of using produced fluid for water injection was available. As such the operator challenged the Altus Intervention team to come up with a medium term solution to boost production until a permanent solution could be implemented.

SOLUTION

Following a detailed design process, two positive displacement pumps were specified coupled with a pulsation damper. Along with the connecting chocks and hose package this allowed water injection to be maintained 24 hours per day, 365 days per year at circa 2.5bpm and 4600psi.

RESULTS

With the successful implementation of the pumping spread, Altus Intervention were able to assist the operator in boosting the field production rate. Coupled with drilling projects, this allowed the field to increase production by circa 50%.

To date, Altus Intervention have pumped almost 2,000,000 bbls of water and accumulated just over 30,000 man hours of successful work.

