

CHALLENGE

A major operator in Oman was encountering skin damage due to plugged perforations and gravel pack in their wells. The customer was looking for a cost effective alternative to remove the blockages and return the wells to a pre-damaged state..

HIGHLIGHTS

- Conventional oil field
- Vertically drilled
- Perforated Completion
- Permian sandstone

LOCATION

Oman

CONDITIONS

Depth: 1,000 m (3,300 ft)
 Temperature: 55 °C (131 °F)

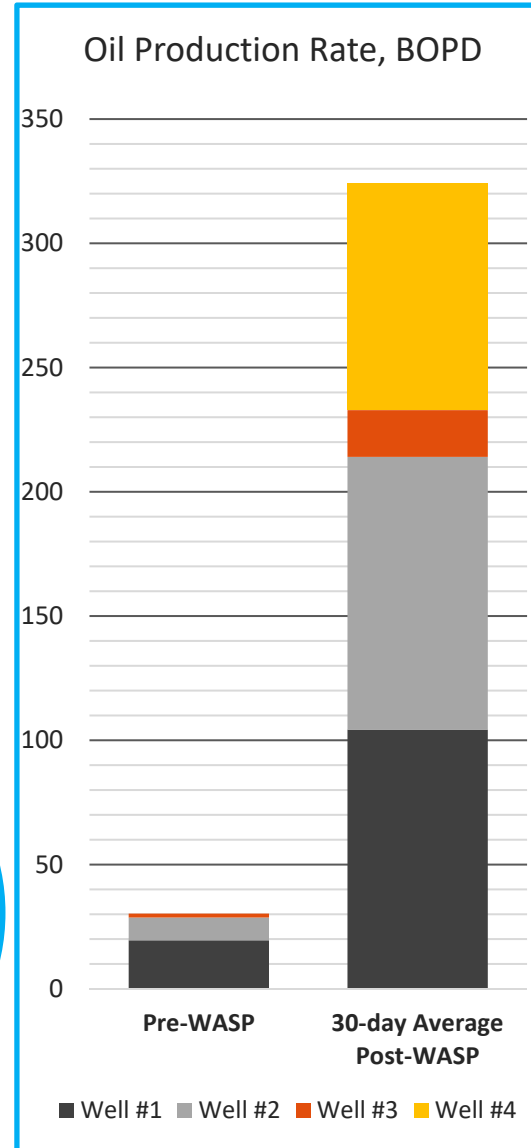


Producing Well

OUTCOME

- The aggregate oil production for the first 30-days averaged 324 BOPD, up 970% from the pre-WASP® aggregate of 30.3 BOPD, including one well (Well #4) that had zero production pre-treatment

970% increase in aggregate oil production



SOLUTION

Improve connectivity to the reservoir clearing out blockages using electro-hydraulic stimulation technology

- The Blue Spark WASP® 275 (Wireline Applied Stimulation Pulsing) tool was run on third-party E-Line to the treatment interval of each of four wells
- An average of 21 m (69 ft) of interval was treated in each wells with an operating time of 8 hours or less per run
- The wells were put back on production and monitored