CASE STUDY: ARTIFICIAL LIFT - QATAR

TotalEnergies produces 7,200 barrels per day using 30% less power with first ever AccessESP rigless ESP system in Qatar

CHALLENGES

- Logistics of securing and mobilizing a workover rig to replace conventional electric submersible pumps (ESPs)
- Production rates need to be equal or higher than conventional ESPs in the field
- Ensuring flawless execution and system production to outperform conventional ESP technology
- Meeting customer power consumption and carbon emission reduction goals

SOLUTION

- Baker Hughes installed an AccessESP™ retrievable ESP system for TotalEnergies in Qatar for its ability to:
  - Reduce intervention risk, time, and costs with a retrievable assembly that can be easily removed and redeployed via a light well intervention (no workover rig)
  - Maximize well production and reservoir recovery (OPEX Reduction)
- Permanent magnet motor (PMM) technology is standard for all AccessESP systems consuming less power than conventional induction motors

RESULTS

7,200
Barrels of Liquid production per day

30%
Less power consumption

First Ever
AccessESP System installed in Qatar

Zero
Non-productive time (NPT) during system installation and commissioning

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