CASE STUDY: GULF OF MEXICO

Remote operation services allow simultaneous tech support for multiple frac-pack projects, improving service delivery while saving days of operational time

CHALLENGES

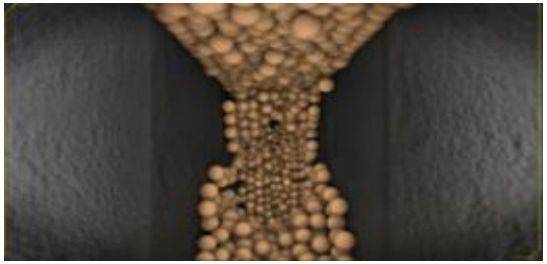
- First client wanted to conduct a deepwater sand control frac-pack operation under high-shear (35+ bpm), high BHT and BHP (225°F, 13.0 ppg pore pressure), and with large fluid and proppant volumes (5,000+ bbls, 800,000 lbs ultra high-strength proppant)
- Second client's deepwater frac-pack job required special design to operate from a work boat and stimulate sandstone lobes between multiple layers of shale (100+ ft length)—while avoiding a nearby bypassed wellbore
- Both frac-pack operations must provide adequate interval coverage, low skin, high production rates, and low drawdown

SOLUTION

- Baker Hughes deployed its remote operations services, allowing the technical team to support both frac-pack projects simultaneously, without interruption, disruption, or downtime
- The services allow Baker Hughes and the client to observe job activity from multiple locations (Houston, Broussard, and Covington) to reduce HSE exposure and travel costs

RESULTS

- Saved two days of simultaneous operations for the two clients
- Saved five days by making decisions on the fly rather than deploying a team to the rig site for the treatment job
- Successfully completed both jobs on time with no non-productive time and no additional costs for sending support personnel to the rig
- Allowed the technical support team to assist both clients simultaneously, without interruptions caused by dedicating resources to a single project at a time
- Improved service delivery, achieved zero HSE incidents, and saved on logistics costs by avoiding hot shotting personnel to the site via helicopter



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