

Custom blend remediation treatment significantly enhanced production across several wells

CHALLENGES

- Organic deposition in the near wellbore was restricting flow and reducing production
- Analytical testing revealed high asphaltene content above 0.2% in oil samples from the wells
- Suspected formation damage mechanisms were identified through detailed evaluation of production history and completion techniques

SOLUTION

- Baker Hughes recommended a custom treatment using a mesophase treatment blend and Restore™, a specially formulated solvent package
- One of the wells received a subsea treatment through the flow line and the job was performed via a Baker Hughes stimulation vessel. After a recommended three-day shut-in period, the well was brought back online with results exceeding expectations

RESULTS

Production significantly exceeded expectations in all treated wells:

- Well 1: increased +47 bopd, sustained for five months
- Well 2: Increased +70 bopd, sustained for two months
- Well 3: Increased +205 bopd, sustained for five months
- Well 4: Increased +4,000 bopd, sustained for three weeks

