

PRODUCTION / INJECTION WELL REDEVELOPMENT PROGRAM

- Mechanical engineering
- Structural engineering
- Process engineering
- Instrumentation & controls engineering
- Design & drafting
- Document control

Contract Type:
Time & Materials

Federation has supported multiple energy companies when a production and/or injection well has failed and requires a “step-out.” Our engineering team has performed over 300 step-out projects in the past few years. These projects extend the wellhead piping to connect the new re-drilled well to the production facilities.

The project designs include the fabrication and installation of necessary extension spools to connect produced emulsion and casing gas lines to the surface location. Piles and pipe supports are designed based on stress analysis and fabricated. The existing bubbler tube system is extended to accommodate the new wellhead location, and the instrumentation design is updated, connected, tested, and calibrated, and finally, all new piping is insulated. All work is completed per the client’s safety policies, practices, and procedures.

