

CASE STUDY

DISSOLVABLE SUCCESS STORY

Eagle Ford Shale – Cutting out coiled tubing in the Eagle Ford

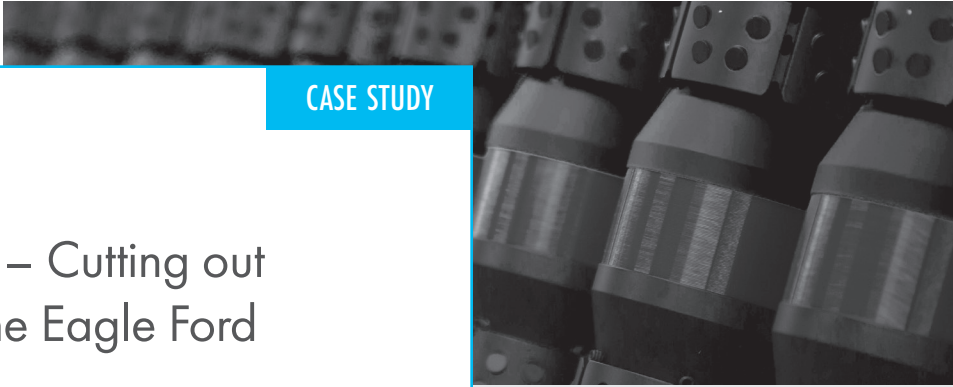
HIGHLIGHTS

- Long horizontal with 21 stages
- All stages dissolved without drill-out/clean-out runs
- 5.5" 20#/ft casing size and weight
- 231F static Bottom Hole Temp (BHT)

UP TO \$100,000 IN COILED TUBING COSTS AVOIDED

21 STAGES

0 DRILLOUTS



CHALLENGE: Coiled tubing rigs have gained popularity over the years, with the surge in long-lateral horizontal wells. Deploying coiled tubing into the wellbore is a widely accepted best practice for milling out these long runs, since the average Eagle Ford's wells have laterals that can run for thousands of feet. But any well intervention represents a risk; and it's expensive. Operators can spend up to \$100,000 per day to run a job on a plug-and-perf completion.

SOLUTION: In an effort to improve the completion economics of this particular Eagle Ford well, the customer's team ran 21 Magnum Vanishing Plugs (MVPs) in the wellbore. The MVPs were designed to dissolve in the wellbore in temps between 180-350 degrees, and hold strong in up to 10,000 psi pressure—deemed perfect for this particular play.

RESULTS: Because of its MVP deployments, the well was put on production without drilling out a single plug—or conducting a clean-out run with coiled tubing. Atypical for wells of its nature in this region, this meant a savings of tens of thousands of dollars over similar wells being completed in a similar manner—as well as an alleviation of the safety risks that come with well intervention.

