

## **True Ranch 202-2326H Casing Repair**

A 40-arm caliper log and downhole camera were run on the subject well and confirmed an approximately 8-inch vertical part in the casing at approximately 7508 ft. A patch was run and set across the interval with the confirmed part with a top at ~ 7490 ft and the bottom of the liner at 7527 ft. No pressure was observed on the surface casing. The cement job on the production casing had cement pumped to surface and the cement bond log indicates that good bond exists behind the production casing.

### **Procedure:**

- An Enventure casing patch was set at 7508 to isolate the part.
- Set a plug in the wellbore and pressure test the casing patch.
- Pressure up on the patch, monitor pressure falloff (if any), and determine if any amount of fluid can be injected around the patch.
- If fluid can be injected around the patch at low rate, the patch will be squeezed with a Halliburton product called Well Lock
- Following a potential Well Lock squeeze treatment, we will pressure up against the plug to anticipated frac pressures to ensure the seals are holding pressure.
- Upon successful pressure test, we will clean out the well to the top of the prior frac stage and resume fracturing operations.