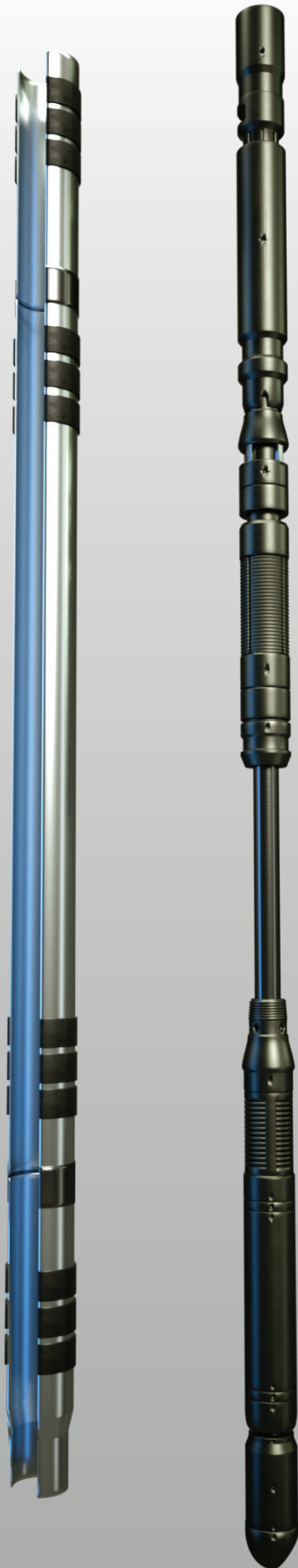


ReLine Prime

Isolating a Cement Squeeze for a High Pressure Frac



PROBLEM

After reviewing cement bond logs, a major operator in the Utica was required to perforate their 5-1/2 in. production liner for a cement squeeze to bring the top of cement to acceptable levels. Before the well could be fractured, these perforations had to be isolated from the anticipated 11,000 psi treating pressures.

SOLUTION

- Coretrax's premium cased hole patch system ReLine Prime was deployed across the perforated interval
- ReLine Prime was installed and expanded in one trip. No shoe drill out is required
- Extensive lab testing was performed prior to this installation to confirm the patch could handle a minimum of 100 pressure cycles at 11,700 psi
- With Coretrax's premium expandable connections, the expandable patch can be as long or as short as required

RESULTS

- The expandable patch was successfully deployed and expanded in one trip
- Casing and patch successfully pressured tested to 11,000 psi
- The well was successfully fractured conventionally with "plug and perf" operations running long range frac plugs below the patch

PROJECT DETAILS

Location: Ohio
Date: November 2013
Well Measured Depth: 14,900 ft
Inclination: 0°
Casing: 5-1/2 in. 23 lb/ft

Patch Length: 1,092 ft
Installed Patch ID: 3.990 in.
Top of Patch: 7,208 ft
Bottom of Patch: 8,228 ft
Frac Pressure: 11,000 psi

