

Abrasive Perforating

Perforating through 4 Strings of Casing



HIGHLIGHTS

- Alternative to TCP Guns
- Perforated through 4 Casing Strings
- Customized Solution

DETAILS

Location	St. Mary, LA
Well Orientation	Vertical
Casing Size	5-1/2" 7-5/8" 9-5/8" 13-5/8"
Fluid	Water/Sand Slurry
Conveyance	1 1/2" Coiled Tubing
Operation Depth	14,214 Ft
Tools Used	2.13" Nitro Tuff Abrasive Perforator

OBJECTIVE

On an inland water barge in Louisiana, a customer was attempting to pass through 2-7/8" tubing (2.323" ID) and perforate four strings of casing at a depth of 14,214'.

RESULTS

After several unsuccessful attempts with strip guns, it was decided that Thru Tubing Solutions would deploy a Nitro Tuff Perforator to access the target formation. TTS designed a custom tubing end locator to correlate depth below the tubing and ensure precise placement of the perforations. The Nitro Tuff Perforator successfully penetrated all four strings of casing (5-1/2", 7-5/8", 9-5/8" and 13-5/8").

VALUE TO CUSTOMER

Allowed the operator to produce a gas zone that they otherwise would not have been able to access.

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