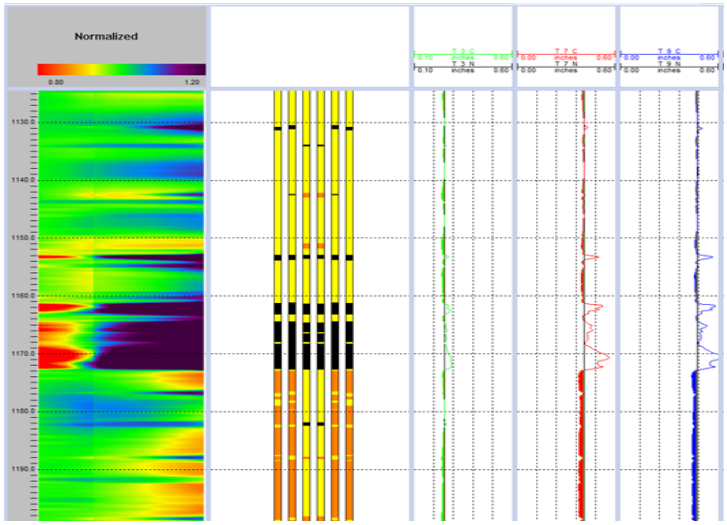
MultiView™ Multibarrier Corrosion Logging Tool

Detects Corrosion in Casing, Isolates Stuck Pipe Location in Multi-Barrier Tubing



This figure shows the accurate depth of the metal gain behind the 3 1/2-in. tubing at 3,782 ft (1,153 m), the stuck pipe point.

Objectives

- Evaluate the casings behind 3 1/2-in. tubing.
- Locate the stuck pipe point after the failed free pipe indicator (FPI) job by another provider.

Our Approach

- Weatherford experts recommended the MultiView multibarrier corrosion logging tool to evaluate the casing and find the stuck pipe point. The MultiView tool measures the average metal thickness and identifies defects for the inner tubing and casing.
- The MultiView tool employs the electromagnetic principle to traverse tubing efficiently and deliver faster logging speeds in addition to detecting the depth of the metal gain behind the casing which can indicate to the stuck pipe point.
- The results indicated a metal gain in the 3 1/2-in. tubing with the 7-in. casing at a depth of 3,782 ft (1,153 m). The likely sources were completion accessories, or metal contact, that were aligned with the 5.9-in. slickline gauge ring which was held up at the same depth.
- Heavy corrosion was observed in the 7-in. and 9 5/8-in. casings at the interval from 2,099 to 2,624 ft (640 to 800 m).
- A multifinger caliper tool confirmed the MultiView tool results across this interval of the 7-in. casing.

LOCATION
Middle East

CASING AND LINER SIZES
Multiple barriers (7 and 9 5/8-in. casing) behind the 3 1/2-in. tubing

DEPTH
3,782 ft (1,153 m)

PRODUCTS/SERVICES
- Wireline
- MultiView multibarrier corrosion logging tool
- Multifinger caliper tool

Weatherford®

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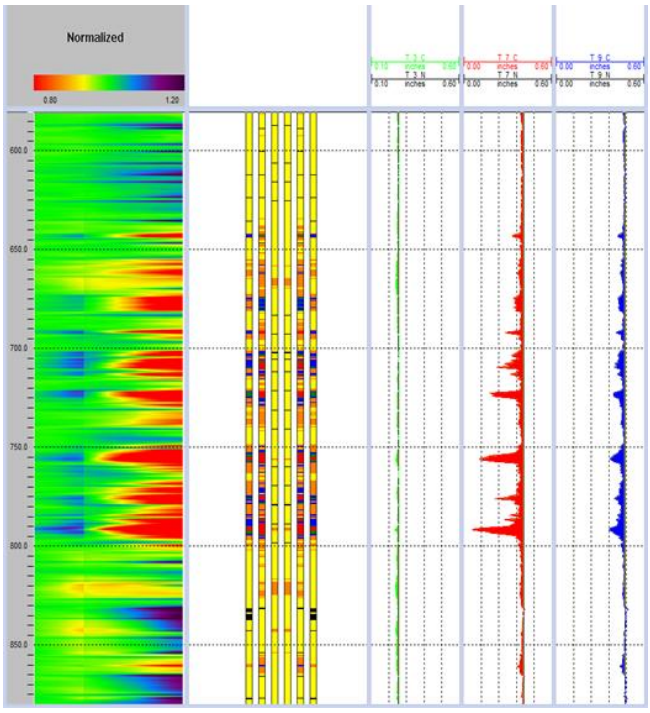
Value to Customer

- By using the MultiView tool to determine the correct data interpretation, the operator saved unnecessary downtime and associated costs and eliminated subsequent delays in completion and production.



This figure shows the heavy corrosion in the multi-barriers (7- and 9 5/8-in. casing) behind the 3 1/2-in. tubing from 2,099 to 2,624 ft (640 to 800 m).