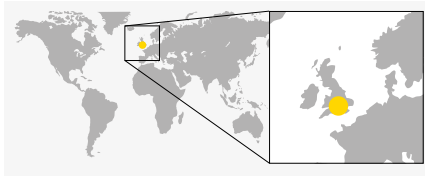


First X-it™ Whipstock Successfully Installed in Southern England, UK for Igas Energy



Region: Europe

Customer: Igas Energy

Case benefits

- Single-trip reliable, effective and efficient sidetracks
- Confidence system due to 300+ wells track record

Key capabilities

- Unique multiramp Whipstock; carbide coated ramps
- Unique geometry combination mill; integrated pilot mill
- Tri-directional anchor slips provide positive anchor

Typical Applications

- Sidetracks
- Multilaterals
- Controlled casing exit

For more information, contact your **local Archer representative.**



Challenge

Igas Energy UK required a clean, full-gauge window and rathole for sidetracking with a 6"x7" directional drilling assembly in a well. The X-it would be through a 7", 23-lbs/ft casing, at 2902 feet.

Solution

The 7" X-it™ cased hole Whipstock mechanical system was run with a singletrip tri-mill configuration. The X-it Whipstock assembly was then run and oriented 57 degrees azimuth, using a Gyro service, and anchored. Prior to setting, the anchor was triggered on top of a dressed cement plug.

The X-it Single Trip Mill was released from the Whipstock and window milling commenced. The window and rathole were successfully milled. Slide tests were performed to verify the window condition.

The X-it Single Trip Mill was found to be in gauge and in excellent condition when it was back on surface. The subsequent 6" x 7" Bi-Center drilling assembly passed through the window and drilled ahead the planned section. The 5" liner was successfully run through the window and landed successfully at total depth (TD).

Result

A 6" window was provided at 2902 feet in just 3 hours. This success was a result of teamwork between Igas Energy and Archer. The X-it Whipstock operation was the first time for Archer's UK team to run a casing exit operation in the UK.



Archer is a global oil services company with a heritage that stretches back over 40 years. With a strong focus on safety and delivering the highest quality products and services, Archer operates in 40 locations over 19 countries providing drilling services, well integrity & intervention, plug & abandonment and decommissioning to its upstream oil and gas clients. **We are Archer.**

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