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

**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 trigged 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.

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.