

CASE STUDY- 2020- GULF OF MEXICO

**Archer successfully cements through CFLEX® using integrated operations for major operator**

**Challenge**

A major operator in Gulf of Mexico was seeking a solution to isolate the previous casing shoe from the below producing zones as cement modeling and data during drilling showed this would prove challenging with primary cement job.

The current COVID-19 pandemic presented additional challenges with personnel availability.

**Solution**

The primary objective was to utilize a Cflex to establish zonal isolation between producing zones and the previous casing shoe ensuring well integrity.

The secondary objective was to test Archer's proven IO system for remote support operating the Cflex® system. IO offers a solution to overcome logistical challenges to prevent any unnecessary delay in operations and reduces cost for personnel-on-board, travel and associated expenses.

**Result**

Archer's Cflex® system was successful completing the secondary cement job while testing IO capabilities to monitor and interact with cement operations in real time. Our IO support team had real time access to monitor progress and communicate with the rig in real time.

We are confident that IO interface is a viable solution to deliver many of our Archer products.

Expanding Archer's experience and capabilities with IO across multiple product lines will allow for more opportunities to meet and exceed customer needs offering dependable solutions.

