

CASANARE, COLOMBIA

YOPAL FIELD

Lithology	Mirador Formation
Pilot hole size	8½ in
Top of window	15,209 ft
Bottom of window	15,222 ft
Middle anchor depth	15,230 ft
Bottom of total cementing whipstock	15,313 ft
Ramp length	11.30 ft
DLS	8°/100 ft
Compressive strength	20,000 psi

Background

The successful deployment of a TrackMaster OH-C* openhole whipstock and cementing system provided a specific point of sidetrack, after two unsuccessful attempts using the conventional approach of kicking off a cement plug.

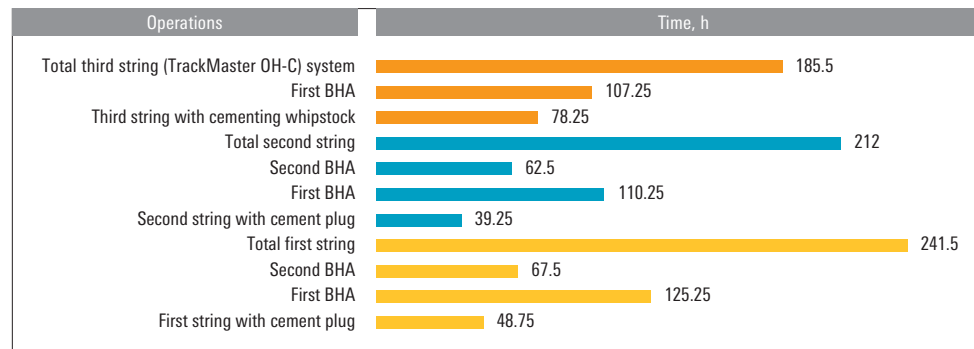
Technologies

TrackMaster OH-C openhole whipstock and cementing system

TrackMaster OH-C System Achieves Sidetrack in First Attempt in Colombia Onshore Well

Equion Energía successfully performs kickoff in single trip, saving drilling time versus two previous failed attempts with conventional cement plug

Operation Performed Versus Time



Equion Energía used the TrackMaster OH-C system to achieve the sidetrack in a total of 185.5 h. This system also enabled a controlled openhole-sidetrack kickoff depth and orientation in a medium to hard formation.