

VectorZIEL 800 RSS completes challenging S profile in second consecutive run in Mexico



LOCATION
Tamaulipas
(Reynosa), Mexico

PROFILE
S-type

TECHNOLOGY

The VectorZIEL™ rotary steerable system (RSS) features inclination, azimuth and gamma ray capabilities within 5 ft of the bit along with an integrated pulser.

CHALLENGE

The VectorZIEL 800 RSS was selected to drill its second consecutive well in the Tamaulipas field near Reynosa. The directional profile was a planned S profile with a 2°/30-m build section and a 1.2°/30-m drop section.

RESULTS

The VectorZIEL 800 RSS showed strong directional control and reliability. The trajectory was drilled per plan, with higher ROP than on the first well drilled with the VectorZIEL 800 in the field. The 12¼-in section was completed in 199.8 circulating hours versus 250 on the first well, with precise directional control and lower torque, drag and stuck-pipe risk.



HOLE SIZE

BUILD / DROP

CIRCULATING HRS

FIRST WELL

12¼ in

2° / 1.2° per 30 m

199.8

250 hrs

