

VectorZIEL 400 and SPR 400 enable first delivery of independent higher-tier LWD and RSS services in Russia



LOCATION
Russia

CLIENT
Independent
directional driller

TECHNOLOGY

The VectorZIEL™ 400 rotary steerable system (RSS) is an integrated push-the-bit steering technology with closed-loop steering control that delivers increased ROP, smooth boreholes and precise directional control in directional and horizontal wells. The SPR (symmetric propagation resistivity) LWD tool records eight resistivity curves at multiple depths of investigation into memory, with high-resolution data and fast data dump.

CHALLENGE

Provide an integrated RSS and resistivity LWD solution so that an independent directional driller in Russia could meet the operator's directional control and LWD requirements.

RESULTS

An integrated VectorZIEL and SPR BHA drilled the 1,487-m (4,879-ft), 6⅞-in horizontal section to TD in two runs over 235 total downhole hours. Three resistivity measurements were delivered in real time, with a measure point just 10.7 m (35 ft) from the bit.



HOLE SIZE	SECTION LENGTH	RUNS	DOWNHOLE HOURS	RESISTIVITY TO BIT
6⅞ in	1,487 m (4,879 ft)	2	235	10.7 m (35 ft)