

Ohio River Crossing



Gyro Module and ParaTrack 2

Beaver County: Pennsylvania, USA

Distance: 1,076m (3,528')

Pipeline: 305mm (12") gas line

Technique used: River Crossing

The Ohio River crossing had a 45 degree horizontal curve to be executed completely under the river. This project crossed several existing pipelines, a bridge, a railroad, and job site was set up besides a nuclear plant. Despite all these challenges, the ParaTrack Gyro Module guided the pilot hole successfully to the exit side. Due to inadvertent returns, it was decided to drill from the exit side and perform an intersect. At this point a ParaTrack 2 steering tool and coil was used to intersect the Gyro position accurately.