



CASE HISTORY

8 1/2" KDC657MX DRILLS FROM CASING SHOE TO TD ON STEERABLE BHA

Country:..... **Kazakhstan**
 Area:..... **Aktobe**
 Field:..... **Zharkamys West-1**

OBJECTIVES:

- Drill with PDC from casing shoe to TD
- Build angle from 0 - 12 degrees
- Drill at high ROP

DESIGN FEATURES:

- 19 mm Premium Plus PDC cutters
- 5 blades
- Back up Premium Plus PDC cutters
- Matrix body

RESULT:

- KDC657MX achieved the objective.
 - No toolface problems were seen
 - The bit showed good directional performance in both rotary and steerable mode
 - No problems with drilling the kickoff section
- Drilled in one bit run the total of 1820 meters at 12.8 m/hr and build from 0 - 12 degrees.**

