



CASE HISTORY

8 1/2" KDC666M DRILLED HARD ROCKS

Country:.....**Kazakhstan**
 Area:.....**Mangystau**
 Field:.....**West Zhetybai J-58**

OBJECTIVES:

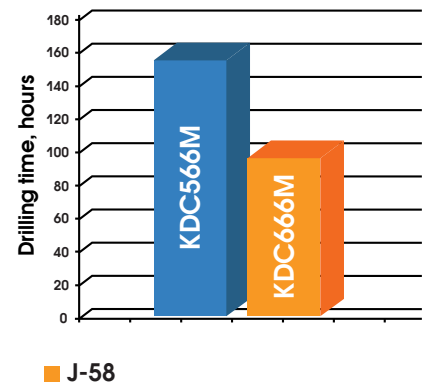
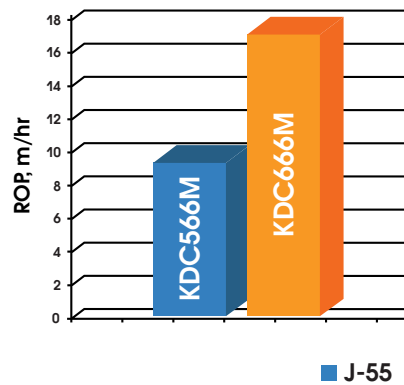
- Drill with PDC from casing shoe to TD
- Reduce Drilling and Trip time

DESIGN FEATURES:

- 19 mm Premium Plus PDC cutters
- 6 blades
- 6 nozzles
- Matrix body

CHALLENGES:

- Hard Layers
- Lime Dolomite
- Limestone
- Dolomite



RESULT:

KDC666M achieved the objective

Well J-55	Well J-58
8 1/2" KDC566M	8 1/2" KDC666M
Total meters drilled = 1324,5 meters	Total meters drilled = 1534 meters
Total Drilling Time = 150,4 hours	Total Drilling Time = 93 hours
ROP = 8,8 m/hr	ROP = 16,5 m/hr