

REAL RESULTS

Model 28-1800 PCP Exceeds KPIs in Challenging Horizontal, Heavy-Oil Application

Objectives

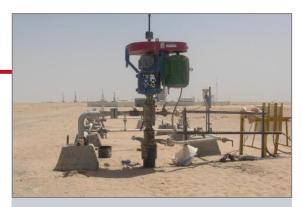
- Maximize oil production by overcoming the challenges of sandladen heavy oil and the final 90-degree angle where the progressing cavity pump (PCP) was to be landed.
- Install a system that requires minimal well-servicing and reduces the risks of pump-replacement and associated costs.



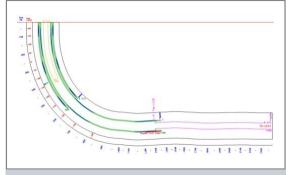
- Weatherford installed the Model 28-1800 PCP to improve the movement of heavy oil and sand.
- The rod string was designed with the appropriate rod guides and centralizers to alleviate concentrated contact loads, reduce rod and tubing wear, and increase the overall run life.
- The system was run between 130 to 280 RPM and has operated for more than 180 days without failure, significantly exceeding the operator's key performance indicators (KPIs).

Value to Client

 Using Weatherford's PCP system provided the operator with a sustainable solution that maximized oil production, extended run times, and avoided costly well intervention and pump change expenses.



With high production, lift capacity, and system efficiency, Weatherford's PCPs successfully exceeded the operator's KPIs despite demanding well applications.



Well profile schematic illustrating the well's final 90-degree angle where the pump was landed.

Location Kuwait

Well Type Onshore, horizontal

Depth

- 1,000 ft (304.8 m) measured depth
- 800 ft (243.8 m) vertical depth

Products/Services

- Model 28-1800 PCP
- · Mini GX direct drive drivehead

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