



Weatherford®

REAL RESULTS

MillThru™ Multilateral System Installations Help Rejuvenate Mature Kuwaiti Field, Ensure Future Production.

Objectives

- Create level-4 multilateral junctions with minimal risk and without specialized tools.
- Ensure quality cement support in high-inclination window junctions.
- Provide re-entry access in both wellbore legs for anticipated future asphaltene cleanouts.

Results

- Weatherford successfully deployed the *MillThru* multilateral systems in two new, separate well installations for the operator.
- The resulting flow paths from each main-bore and lateral leg were 6-in. (15-cm) ID flow or greater.
- The ensuing junctions provided both fully cemented mechanical support and re-entry capability.

Value to Client

- Using Weatherford's *MillThru* multilateral system provided the operator exposure to more reservoir area, increasing the cost-effective development of existing, mature fields that otherwise would not be economically feasible.
- The re-entry capability of the *MillThru* system delivered maximum flexibility for future cleanout/workover operations, ensuring longer well life.
- High-quality mechanical support created with the *MillThru* system reduced sand production at the junction, which could limit well life.



The *MillThru* system's square-shouldered mills provided the technology to engage and mill through the lateral liner and back into the main bore of the well.

Location

Onshore, Kuwait

Field

Burgan

Well Type

New, oil producer

Junction Formation

Maudood limestone

Junction Location

Well 1: 4,680 ft (1,426 m), 78°

Well 2: 4,985 ft (1,519 m), 77°

Hole Size

9 5/8-in. main bore

7-in. lateral liner

Product/Services

MillThru level-4 multilateral system

Weatherford
Re-entry Services
Cliff.Hogg@weatherford.com