



Weatherford®

REAL RESULTS

Free-Rotating Eccentric Guide Shoe Enables TD for 400,000-lb Casing String in Extended-Reach Well, Avoids NPT

Objectives

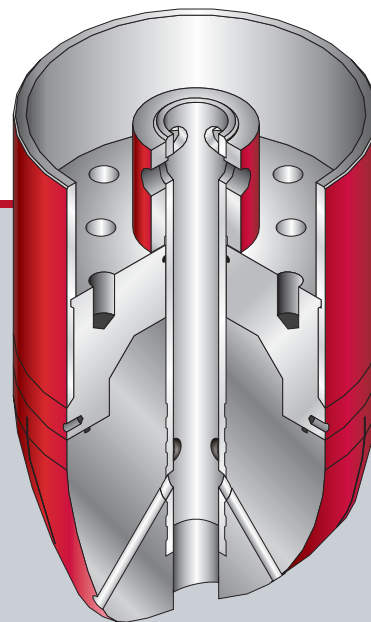
- Run a heavy, 6,293-ft (1,921-m) section of 13 3/8-in. casing into a 6303-ft (1921.15-m) extended-reach well. Navigate downhole obstructions without rotating the casing string.

Results

- Weatherford deployed the free-rotating eccentric shoe guide (FREGS) to facilitate the running of the 400,000-lb (181,437-kg) casing string. The FREGS enabled the casing string to pass through obstructions in the well without the need to rotate the string. The side ports in the tool cleared the cuttings accumulations while running in open hole.
- The casing string reached the targeted total depth (TD) of 6,293 ft (1,918 m) without any nonproductive time (NPT). The operation did not cause damage to the formation or casing string.

Value to Client

- The client was apprehensive about using a traditional guide shoe for this extended-reach well. Using the FREGS, the operator safely reached total depth and established well integrity without any NPT.
- The operation was completed in a single run, which resulted in optimal time and expenses.



The Weatherford free-rotating eccentric guide shoe (FREGS) enabled the casing to bypass obstructions and reach total depth.

Client
ZADCO

Location
United Arab Emirates

Well
UZ495

Well Type
Offshore

Hole Size and Angle
16 in. at $\leq 49^\circ$

Well Depth
6,303 ft (1,921 m)

Setting Depth/Run Length
6,293 ft (1,918 m)

Casing Size and Type
13 3/8 in., 68 lb-ft (N-m), K55 BTC

Casing String Weight
400,000 lb (181,437 kg)

Flow Rate
330 gal/min (1,249 L/min)

Products/Services

- Free-rotating eccentric guide shoe

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