



Weatherford®

REAL RESULTS

Weatherford Openhole Whipstock Successfully Kicks Off Well in Hard Formation, Saves Rig Time in Sidetracking Operations

Objectives

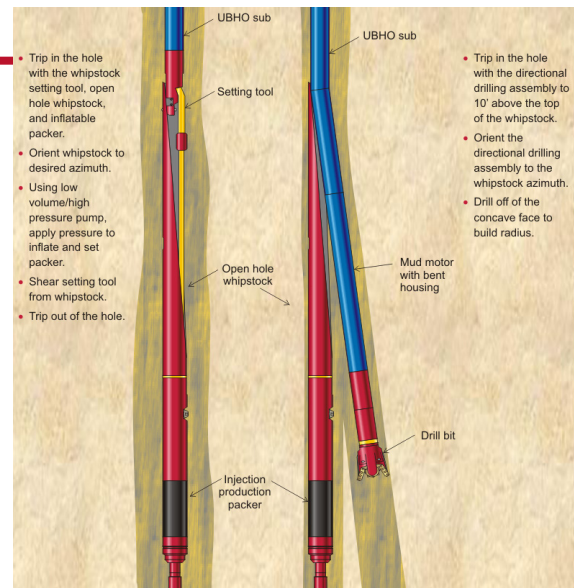
- Sidetrack and create a lateral in a shale play.
- Sidetrack a pilot hole after two cement plugs were set and six attempts to sidetrack over 10 days were unsuccessful.
- Overcome a hard formation to facilitate directional drilling where previous efforts had failed.
- Reduce nonproductive time and improve drilling efficiency.

Results

- A Weatherford openhole whipstock with inflatable-packer anchor was run to 7,261 ft (2,213 m) measured depth, oriented to the correct direction, and inflated. Once the packer anchor was inflated, the whipstock assembly was sheared from the setting tool.
- A directional-drilling assembly was tripped in hole to the top of the whipstock and oriented to the concave face. Drilling parameters were established, and the sidetracking operation began and continued down the face of the concave a total of 11 ft (3.35 m).
- The sidetrack was completed and the client resumed drilling the lateral.

Value to Client

- Weatherford's mobilization of equipment and personnel and their arrival on location less than 24 hr after client's call helped expedite the operation.
- Sidetracking operations were completed in 35 hr and 45 min, a significant time savings compared to the 10 days spent previously attempting to sidetrack off of cement plugs.



Weatherford's quick mobilization of equipment and personnel helped sidetrack and create a lateral in a difficult shale play, enhancing operational efficiency and saving days of rig time.

Location

Northeastern United States

Depth

- Top of whipstock: 7,261 ft (2,213 m)
- Kickoff point: 7,272 ft (2,217 m)
- Bottom of packer: 7,289 ft (2,222 m)

Hole Size

8 3/4-in. open hole

Products/Services

- Openhole whipstock
- Inflatable packer anchor

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