

An Outstanding, High DLS, Cased Hole Exit Success in West Texas

Wellbore Integrity Solutions (WIS) successfully set a 95/8 inch TrackMaster Select* system for UpCurve Energy, in a high DLS wellbore, saving 600 feet or 75% of the previously drilled curve section.

CHALLENGE

Set a cased hole whipstock system in a single trip within a high DLS wellbore to recover a previously drilled curve section.

SOLUTION

- Utilize the TrackMaster Select whipstock sidetracking system. conveyed with a 81/2 inch bi-mill.
- Establish suitable operational procedures for the high DLS environment and ensure that operational risks are mitigated.

RESULTS

- The system was conveyed successfully through a DLS of greater than 10 deg/100 ft.
- The system was set successfully in the curve at 9,692 ft depth, with an inclination of 46 deg and a 6.74 deg /100 ft DLS at the setting depth.
- The window was milled and the rathole drilled in a single trip, in 12 hours.
- UpCurve Energy successfully drilled and landed the curve and continued to drill the wellbore to the desired target depth.

An unplanned sidetrack, around a fish in the wellbore, recovers the previously drilled wellbore.

WIS collaborated closely with the customer, UpCurve Energy, to plan and execute a successful TrackMaster Select cased hole whipstock job in Reeves County, TX. The TrackMaster System was conveyed through a high dogleg of 10.09 deg /

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100 ft to reach the setting depth of 9.692 ft MD. Using the system's hydraulic anchoring system, the customer was able to choose a precise setting depth position for the top of the whipstock. Proper orientation helped to mill 16 feet of window and 6 feet of formation. The operation was completed in a single trip, in a total of 12 hours.

The customer representative recognized the value of this sidetrack operation. The ability to convey and set the system in a high DLS scenario was a known technical challenge. This successful sidetrack allowed the client to avoid redrilling the entire curve and continue drilling the lateral section to TD.

Well path profile simulation.

DLS: Green > 2.5 Blue > 5.0 Red > 7.6

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TrackMaster **Select**[™]

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Тнома

RED BARON