Objective: Drill an ultra-deep, extended-reach well from a land location to the offshore Manifa field, and perform acid stimulation and production logging using coiled tubing.

Problem: Lock-up of the 2” coiled tubing occurred at 21,980 ft., 6,277 ft. short of TD on this 28,257-ft. well.

Result: The Western Well Tool Tractor was activated at lock-up depth and successfully navigated the 6,223 ft. starting in the 7” casing, traversing the shoe at 22,217 ft., and continuing through the 6-1/8” open-hole wellbore, delivering the acidizing tool string to a TD at 28,203 ft. A second tractor run into the well delivered the MPLT tool string to 28,000 ft. after navigating 5,780 ft. of open hole, where injection rates were recorded at double the expected BPD.

Western Well Tool equipment and services has completed many additional tractor-assisted runs in several extended-reach wells on Manifa and Khurais fields in the Kingdom of Saudi Arabia involving both acid stimulation and production logging applications.