

## The Review of Coiled Tubing Intelligent Sidetracking Steering Technology

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**Abstract :** In order to improve the problem that old wells in oilfields are shut down due to low oil recovery, sidetracking has become one of the main technical means to restore the vitality of old wells. A variety of sidetracking technologies have been researched and formed internationally. Among them, coiled tubing sidetracking horizontal wells have significant advantages over conventional sidetracking methods: underbalanced pressure operations; reducing the number of trips of tubing, while drilling and production, saving construction costs, less ground equipment and less floor space, orienter guidance to reduce drilling friction, etc. This paper mainly introduces the steering technology in coiled tubing intelligent sidetracking at home and abroad, including the orienter and the rotary steerable system.

**Keywords :** sidetracking, coiled tubing, orienter, rotary steering system

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