



**Toro
Downhole
Tools**

Highlights

**Record Run
Wise County, Texas**

One Motor — One Bit

150.6' Average ROP

**Surpassed existing
drilling record by 200
feet.**

Toro Sets Drilling Record in Wise County, TX

CHALLENGE:

Drill the intermediate section of the well with one Motor and one bit!

SOLUTION:

Toro recommended it's 675-9:10-4.0 Slo-Speed Motor for optimum performance and operational life. The Motor operates at a .30 rpg, producing 12,500 ft. lbs. peak torque.

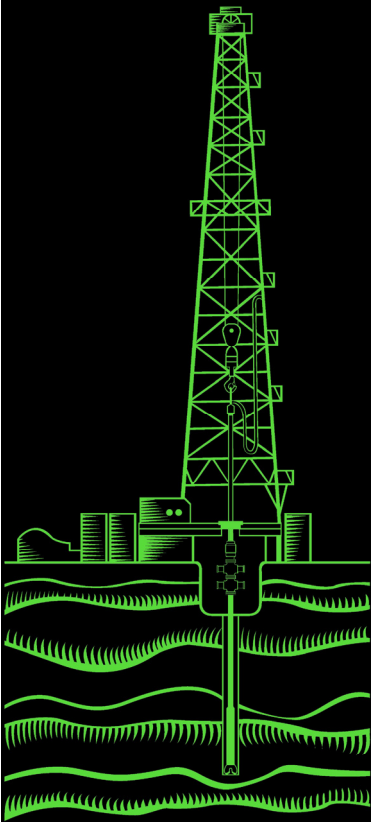
RESULTS:

The Toro 675 Slow Speed Motor was run utilizing a Smith PDC Bit. The Motor went into the hole at 675'. Running at 480 GPM, with 18-22k WOB and rotating the Motor @100 rpm, the Motor drilled 2,210' in 12 hours and 2,000' in the following 12 hours. Reaching a vertical depth of 5,000', the average ROP was 175.4' per hour. At 5,000' the mud was changed from clear water to 9.6 lb. wt. The Motor was then utilized at 480 GPM, rotating the Motor @ 60 rpm, with 32 to 34k WOB.

OPERATOR VALUE:

One Toro 675-9:10-4.0 Slow Speed Motor drilled 6,850' averaging 108.8 ROP. In 17 hours, the Motor reached a target depth of 6,850' averaging 108.8' ROP. The average ROP for the entire run was 150.6' per hour.

The operator was told by the drilling company that they broke the drilling rigs 12 hour drilling record by 200' feet.



Reliable Tools | Proven Performance