



**Toro
Downhole
Tools**

Highlights

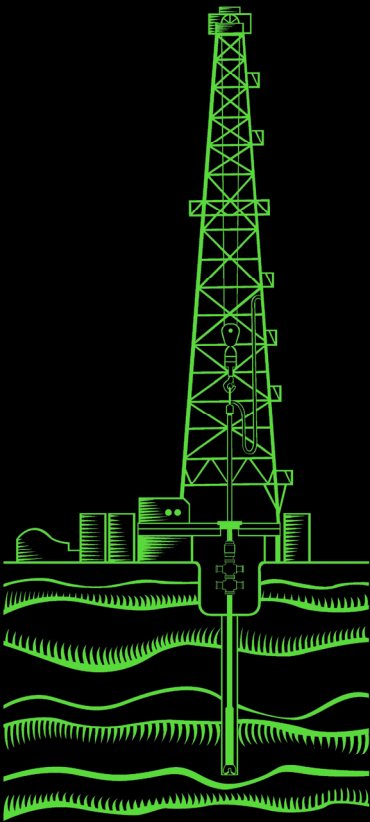
**Record Run
Pinedale, WY**

One Motor — One Bit

Single PDC bit strategy

1.8 days spud to TD

**2.5 days spud to rig
release**



Toro Sets New Drilling Record in Pinedale, WY

CHALLENGE:

Participate in the intermediate section utilizing the customer single PDC bit strategy from top to bottom.

SOLUTION:

A Toro 675-9:10-3.0 very Slow Speed Motor with a 1.50° Bend Housing utilized with a Smith 8-1/2" PDC drill bit. The Motor operates at a 0.14 RPG, producing 13,500 ft. lbs. peak torque.

RESULTS:

The well was drilled in 2.5 days from spud to rig release, drilling a total depth of 8,375' with a single Motor and drill bit. The previous record was 2.8 days to 8,386'. This also is a new record of 1.8 days spud to TD in intermediate hole (the previous record was 1.9 days) and a new record for all-in intermediate hole ROP at 138' (the old record was 125' ROP 2013 average = 87').

OPERATOR VALUE:

The customer avoided additional costs by eliminating unnecessary trips for Motors and bits. Additionally, by controlling the bit speed, the bit was graded as 'repairable' after this record run.

This is the first intermediate hole record by the operator using a single Toro motor and a single PDC bit from top to bottom!

The customer added, "Thanks to everyone for their dedication to constantly searching for that next improvement to continue the downward march of Pinedale drilling days!"



Reliable Tools / Proven Performance