

# Tesco True Results

True in our Service Towards Customer Focus

## CwD Operation Saves 4 Days in Argentina



### Customer Focus:

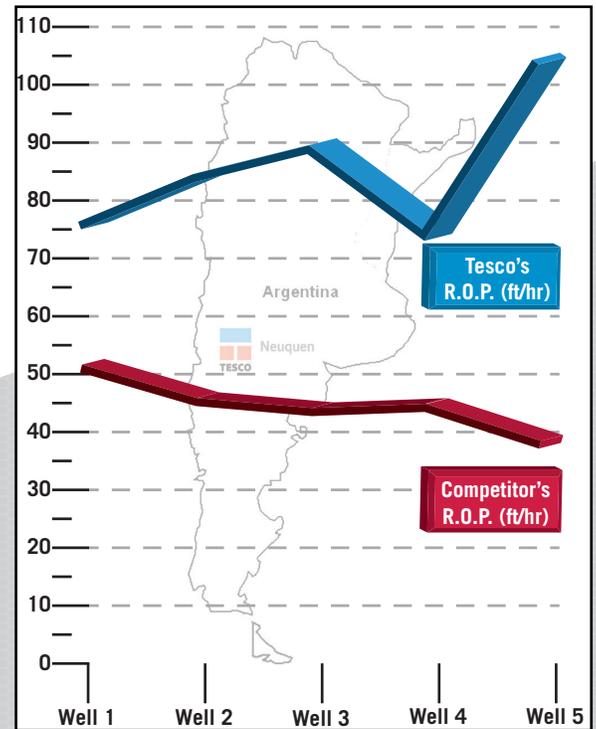
A major international Operator in Argentina drills their top holes through reactive clays, which traditionally swell during conventional drilling methods; to seek better performance they decided to evaluate Casing while Drilling (CwD). A previous CwD company drilled at a rate of penetration (R.O.P.) of 44.9 ft/hr (13.7 m/hr), including connection times, to an average length of 2,282 ft (695.6 m). The operator needed a solution that could be standardized in the Neuquén Basin, to reduce the amount of time to drill their top holes.

### True Result:

Tesco's experience with CwD operations enabled the Tubular Services team to prepare an effective plan to mitigate the typical problems of this area. Beginning in April 2016, Tesco executed the plan by utilizing a 500-ton Casing Drive System (CDS™), solidifying Tesco's casing running tools and services to be the premier option in the industry. Tesco casing drilled the top holes of five continuous wells with 10¾ in. casing to an average length of 2,577.4 ft (785.6 m). The results exceeded customer expectations and ensured the objectives were successfully achieved during the operations with zero HSE incidents, zero service quality issues and zero NPT.

### Proven Performance:

Tesco's experienced service team saved the operator 4.4 days on these five wells by achieving a 92% faster R.O.P. with connections, 86.1 ft/hr (26.2 m/hr), compared to the competitor. Tesco's partnership, focused on continuous process improvement, will result in a substantial increase in the number of wells drilled per year. NPT was further mitigated with Tesco's CwD process by eliminating the risk of drilling conventionally, where BHAs getting stuck during calibration trips can present costly NPT.



Tesco R.O.P. (ft/hr) vs. Competitor R.O.P. for 5 wells

**Date:** April 2016 - October 2016

**Service Provided:** Casing while Drilling (CwD)

**Products:** 500T CDS

**Location:** Neuquén Basin, Argentina

**Length Drilled:** 12,887 ft / 3,928 m

**Casing Size:** 10-3/4 in. 60.7 lb, Q-125 TBL

