

CABOT OIL & GAS DEMONSTRATES ITS COMMITMENT TO BEING AN ESG LEADER THROUGH THE FIRST USE OF DryTec® TECHNOLOGY IN THE U.S.

voestalpine Tubulars DryTec® is the dope-free alternative for Premium Connections, increasing efficiency and safety at the customers' premises and helping to protect the environment at the same time.

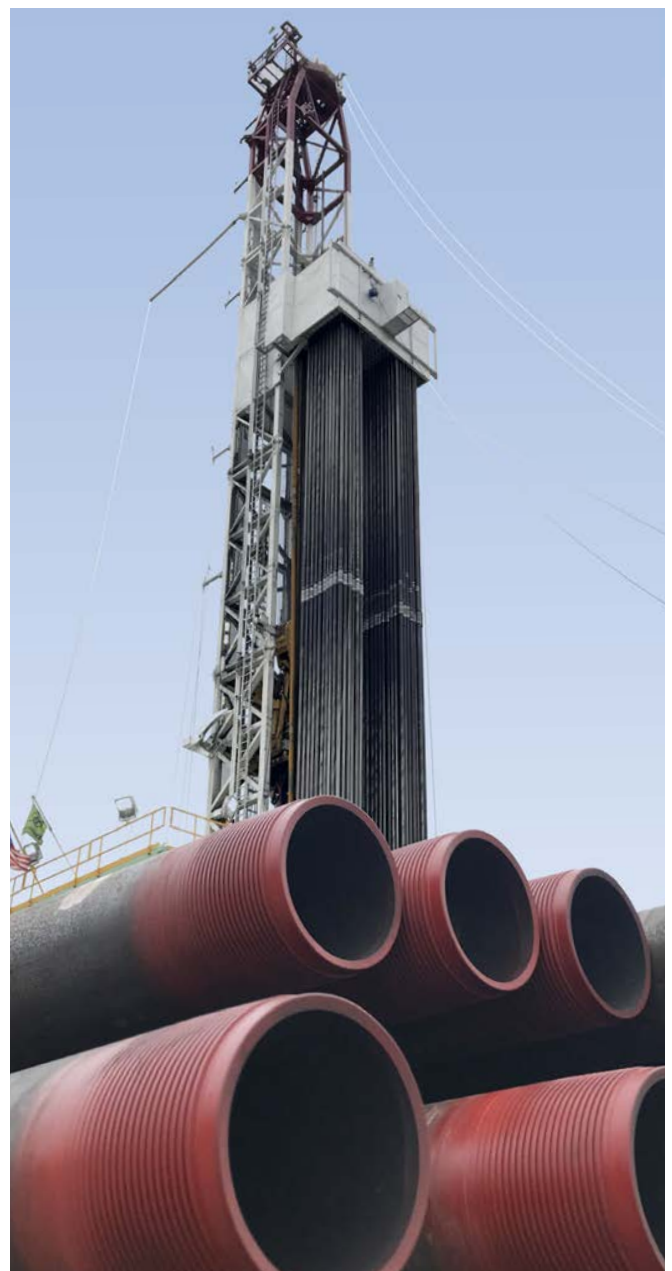
In early June 2021, Cabot Oil & Gas installed 12,697 feet of voestalpine Tubulars' production casing, including VAsuperior-ET-DryTec®.

Project key data	
Operator	Cabot Oil & Gas
Location	Griffiths J12, Rush Township/ Pennsylvania
Type of the Well	Shale, batch drilling
String Length	12,697 ft (3.87 km)
Material used	» 5 ½"x23 ppf Q125 VAroughneck » 5 ½"x23 ppf VA-EP-Q125 VAsuperior-ET-DryTec

Among our customers there always exists a desire to improve both safety and efficiency. One opportunity to achieve both goals is through the elimination of thread compound (dope) use on premium casing connections.

In addition to these environmental benefits, there are realized savings in not requiring a crew to clean the material in the yard or at the rig site. Additionally, an element of potential human error is removed by avoiding the risk of (a) a poor cleaning job, and/or (b) poor dope application. These steps are often under-appreciated for their importance to connection integrity over the life of the well. Fewer hands-on steps further reduce likelihood of injury to personnel on location.

To address these challenges, voestalpine Tubulars' R&D team developed DryTec to provide a dope-free thread coating for premium connections. By eliminating both storage and running compounds, risk of environmental contamination is mitigated both at the well site and in the disposal of the thread protectors.





PRODUCT CHARACTERISTICS AND BENEFITS FOR CABOT'S OPERATION:

- » **Lubricant free**
 - > Saves preparation time
 - > Lessens the risk of human error in the field
 - > Simplifies disposal of used thread protectors
- » **Ready to install**
 - > Removes handling steps at rig site
- » **Environmental, Safety, and Governance (ESG)**
 - > Mitigates the risk of well and rig site contamination
 - > Reduced handling reduces risk of injury
 - > Helps companies achieve their ESG targets



The team on-site successfully installed 5 ½" x 23.00 ppf VA-EP-Q125 VAsuperior®-ET-DryTec® and was very satisfied with the outcome.

The benefits of increased safety achieved through less on-site handling, and the minimized environmental risk were well recognized. Further, the make-up and installation of the VAsuperior®-ET DryTec® connections were entirely consistent with the well-established legacy of the doped product, so there is zero sacrifice in connection performance.

What does the installation crew think about this product of voestalpine Tubulars?

“Great product. DryTec® could be the safe solution for us in future. In addition, regarding ESG, the disposal of thread protectors is much easier than protectors of doped threads.”

Drilling Engineer of Cabot Oil & Gas

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