



SUCCESS STORY

Breaking Performance Records with the Scorpion™ System

WELL STATS

MEASURED DEPTH:

31,466 ft

LATERAL LENGTH:

25,295 ft

TRUE VERTICAL DEPTH:

5,550 ft

PLUG COUNT:

209

PLUG TYPE:

4.37" Scorpion™ Plugs with Frac Dart and PDR

FRAC DART ACTIVATION:

Used on all stages as a safeguard against misruns or screenouts

EXPAND ENERGY ACHIEVES MILESTONE WITH NINE'S SCORPION WITH PUMPDOWN DISSOLVABLE RING (PDR) AND FRAC DART

In a record-setting operation on the Gerald Gourley BRK 1H well in Brooke County, West Virginia, Expand Energy successfully drilled out 209 Scorpion™ composite plugs in a single bit trip. This specific well pushed the limits of traditional completion strategies.

To meet these demands, each plug was equipped with Nine's PDR, a temporary sealing feature that improves pumpdown efficiency by reducing fluid bypass and enhancing conveyance while reducing the amount of pumpdown fluid. The PDR degrades downhole reducing risk during the drillout operation.

Nine's Frac Dart™ technology was also run on all stages to provide recovery capability in the event of misfires or screenouts. While one stage required intervention due to an aggressive sand loading design, the Frac Dart enabled successful recovery from all other screenouts, helping to keep operations on track and validating its value in high-risk applications.

Together, these technologies supported an exceptionally efficient drillout of all 209 plugs in a single trip using a 3.13" TTS F5 Motor and 4-5/8" Varel Havox PDC, with an average drillout time of ~11 minutes, demonstrating both reliability and resilience in challenging conditions.



Scorpion™ Composite Plug with PDR