Rolling Diamond Cutting Element Improves Durability and Increases ROP in the Netherlands

EnduroBlade 360 bit reaches TD in one run, saving two bit trips

Using an EnduroBlade 360 bit, the operator increased ROP to 18.4 m/h, drilling 827 m from shoe to TD in a single run. The rolling cutting elements improve durability by reducing cutter edge thermal degradation. Using the entire cutter circumference increases the cooling effect, making the bit last longer and decreasing runs in hard and abrasive formations. The operator achieved all directional objectives and avoided stick/slip and shock and vibration.

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