



# FTKC76 Phoenix Series Drill Bit broke interval record in the 1st run Sorik Geothermal

### Challenge:

- Drill the 12 ¼” hard metamorphic rock (Quartzite Interlaid with Phyllite) tangent section with one bit
- Minimum target interval to drill – 800m

### Solution:

- Develop a 12 ¼” FTKC76 Phoenix series drill bit with ION 3D shaped cutter technology and HDI stability enhancing elements

### Results:

- The bit drilled 1,000m interval or 25% longer than the run’s target interval (800m) and set new interval record per run.
- The bit achieved ROP target with 11.12 m/hr in spite of control drilling at the beginning
- The bit was pulled to change BHA (Downhole Motor) with rig dull grading **1-1-BT-A-X-3-PN-BHA**

