

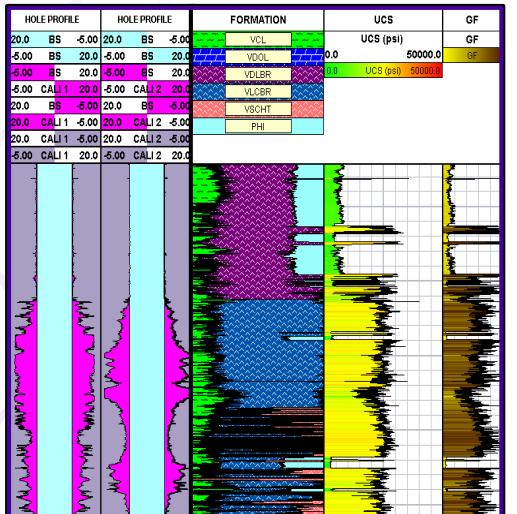
SUCCESS STORY: OPTIMUM DRILLING PERFORMANCE IN CROATIA



ENNA Geo – Croatia, A dynamic player in renewable energy sector, driving geothermal development, planned to drill one exploratory well in the BaGGT field as part of its geothermal expansion strategy. Customer opted for expert bit selection to ensure optimal drilling performance, minimize drilling time, and reduce NPT. ENNA Geo expressed high satisfaction with the performance of Varel bits.



Excellent Interval Drilled 17.5" Section VAREL 17.5" VION-519



The Varel 12.25" Steel Body with 6-bladed 16mm cutters bit using EVOS Technology was run on Rotary BHA. The bit achieved an excellent 1192m while drilling through hard and highly **abrasive dolomite and lime breccia** formations with excellent efficiency. The average UCS drilled is 25000kpsi.

EVOS PDC Technology - EVOS PDC Drill Bit series has been developed specifically for applications where control, responsiveness and consistency is essential.

The Varel 17.5" Steel Body, 5-bladed 19mm cutters bit with VION Technology was run in with a motor BHA. The bit achieved an excellent 1537m while drilling through various formations in the Mesozoic/Neogene Base, which consists of claystone, sandstone, and gravel at the top section of the well, transitioning to marly calcareous lithology towards the end of the section. From approximately 1,690m, the bit was drilling into breccia containing pyrite and increased quartz content.

VION PDC Technology – The VION PDC Drill Bit series has been developed specifically for drilling applications where drilling through formation transitions requiring durability and control is essential.



Outstanding Durability in Challenging Formations 12.25" section VAREL 12.25" EVOS-616