

GEOHERMAL ENERGY: Status and Future in the Peri - Adriatic Area



Contribution ID: 13

Type: **Presentation**

Deep Geothermal Project from the perspective of a Drilling Contractor

Tuesday 26 August 2014 09:15 (30 minutes)

MND Drilling and Services (MND D+S) is a wholly owned subsidiary of the Czech domiciled MND Group. The company owns and operates a broad range of drilling and workover rigs, ranging from 50 to 450 tons hook load. MND D+S is involved internationally as contractor for oil and gas well drilling for large petroleum firms such as ExxonMobil, ConocoPhillips, OMV and others.

The drilling rig used to drill and complete the geothermal well Geretsried 1 in Bavaria (Germany) has a horsepower rating of 2,000 BHP. The geothermal project was planned and developed by ENEX Power of Germany, whereby the source well was supposed to provide 145°C hot water energy for a 5 MW(el) power generation and a cascaded 40 MW(therm) district heating system.

The well was spud in Dec-2013 and successfully drilled to a total depth of 6,034 m which made it the deepest geothermal well in Europe.

The presentation provides some insight into the achieved results and the technical and commercial challenges encountered during the construction of the well.

B. COCIANCIG



Figure 1: B. COCIANCIG

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Session Classification: B Resources Assessment and Geothermal Applications

Track Classification: B: Resources Assessment and Geothermal Applications (morning)