

New Approach to Rig Design Allows Flexibility for Geothermal Operator in Environmentally Sensitive Areas

With environmentally sensitive protected areas in Indonesia, well pad footprint and efficiency is critical

Challenges:

- Due to strict government regulations in protected forests, enlarging well pads may not be possible when needing to add more wells.
- With several existing geothermal wells on a pad, enlarging the pad may not be possible due to time and cost constraints.

Solutions:

- Modify the drilling rig so that the main drilling package can be installed in different positions and angles with respect to the power generation module and the drilling fluids module.
- This allows the drilling rig to be installed in tight spaces between the existing wells.

Results:

- With the new compact rig design, Rig 253 is able to drill on a very tight well pad with 5 or 6 existing wells.
- The design did not interfere with the customer's steam production.
- Cost and time were eliminated by not having to expand the well pad.



Energy. Well engineered.

Find out more at parkerwellbore.com

©2024 Parker Drilling. All Rights Reserved.

