

# THE STRAIGHT STORY

TERRA SONIC INTERNATIONAL DELIVERS STRAIGHT BOREHOLES A PERFECT TECHNOLOGY FOR GEOTHERMAL WELL LOOP INSTALLATION



Our proprietary **Sonic Percussive Method (SPM)** for drilling is producing amazing borehole deviation results.

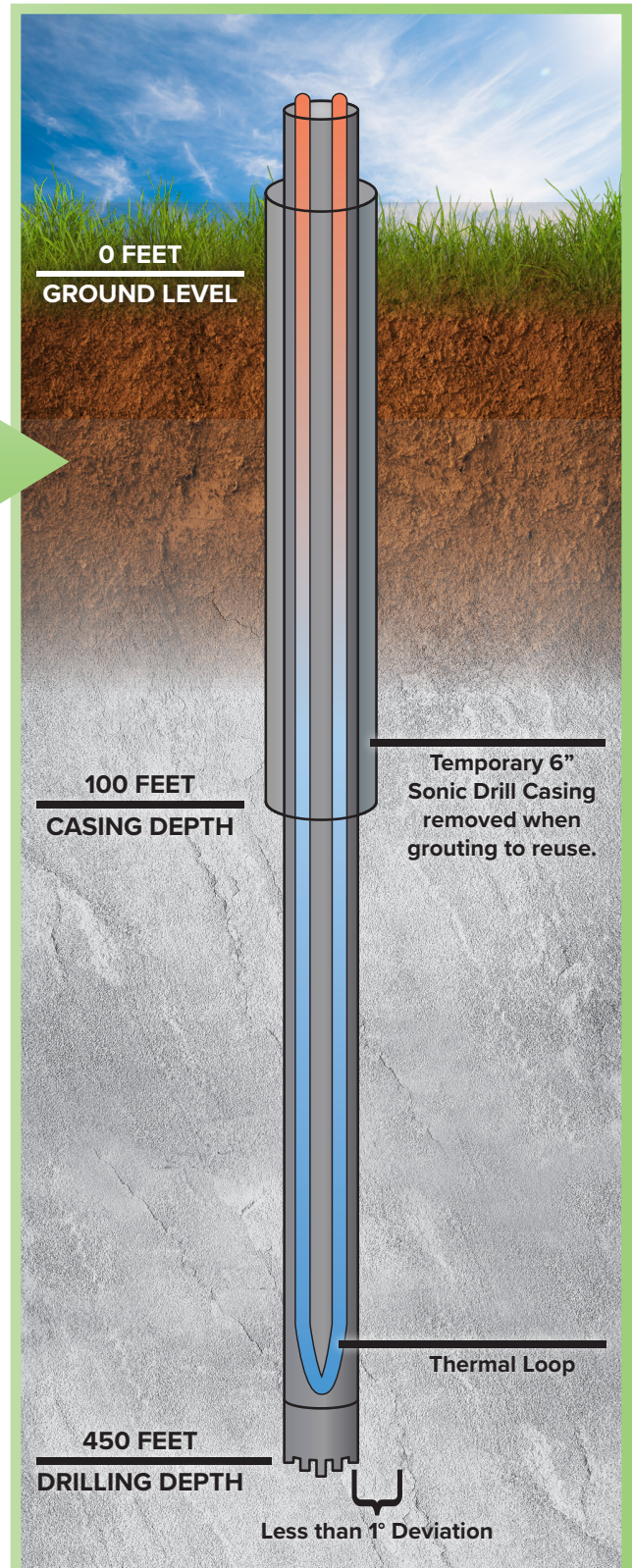
- Less than 1° of deviation at the depth of 450 ft.
- Results verified over a series of several boreholes drilled to 450 ft.

## DID WE MENTION

We cased to 100 ft., completed in bedrock to 460 ft., installed the loop, and grouted... *all before lunch.*

## Geothermal Loop Installation Benefits

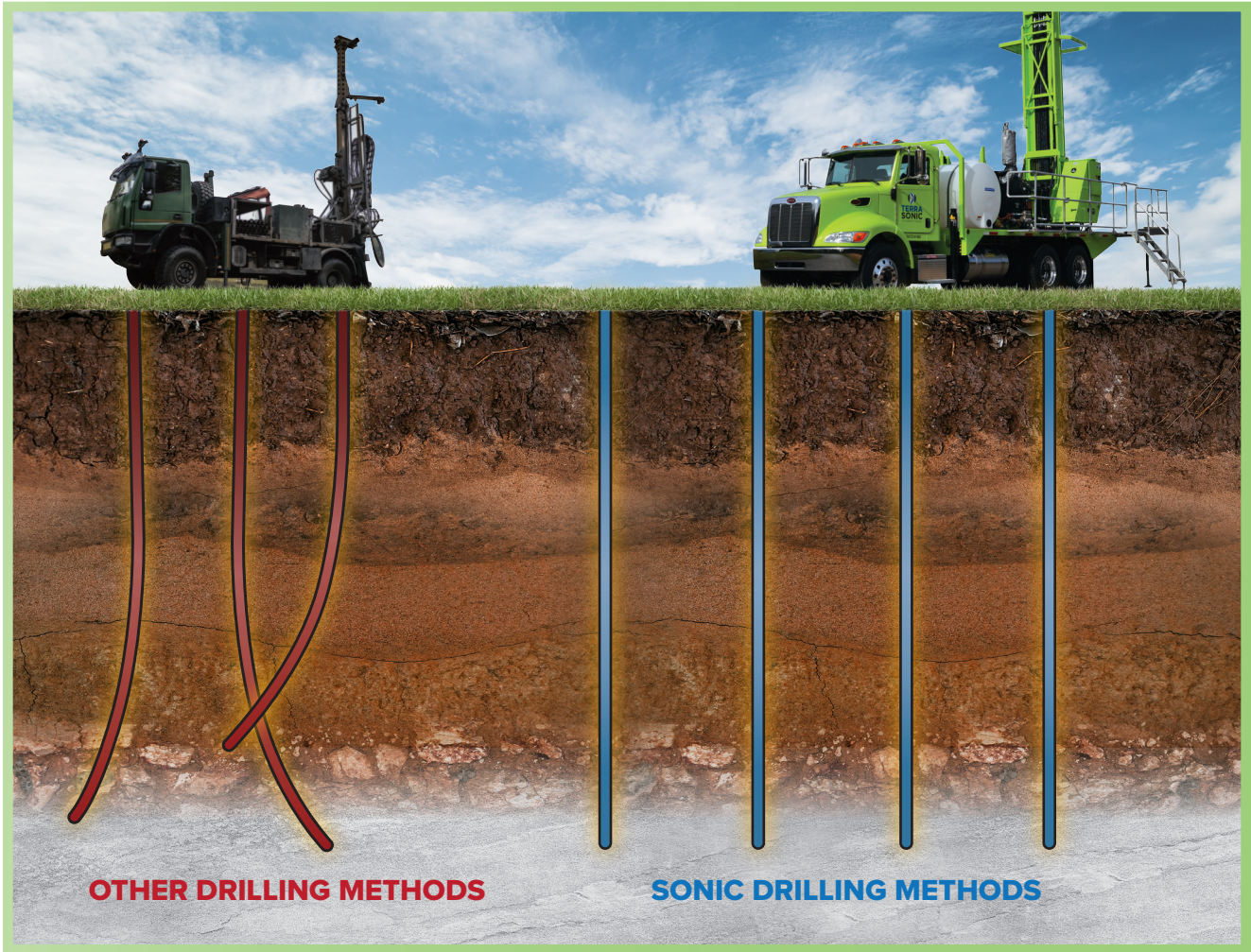
- SPM method installs straight boreholes with geothermal engineering design depth and location for thermal loops
- Minimizes the probability of unintended intersections between close spaced boreholes
- The thermal loops installation and grouting are expedited due to the extraordinary level of straightness
- Maximizes potential thermal energy use due to maintaining subsurface borehole spacing
- Boreholes are evenly spaced apart at the top, bottom, and throughout the length of the hole
- Reduces the number of boreholes required
- Loop grout is installed centralized in boring and around the loop. This is not the case with spiral or drifting borehole impact.





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Learn how TSi **SONIC** Technology can advance your geothermal business.  
Contact us and get the straight story.

