

U.S. DEPARTMENT OF ENERGY

American-Made Geothermal Manufacturing Prize SUBMISSION FOR GEO!

Additively Manufactured Gas Sparger for Gas lift Geothermal Technologies

Lifting Geothermal Fluids with the Help of Gravity Keywords: 3D Metal Printing, Topological Optimization, Geothermal Pump, Gas lift

TEAM PLUGs – Pneumatic Lift Using Gas Spargers

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PARTNERS AND AMERICAN-MADE NETWORK SUPPORT

Oak Ridge National Laboratory (ORNL) – 3D printing and CT Scanning. National Energy Technology Laboratory (NETL) – Corrosion Testing. Xometry – 3D Metal Printing

Link to 120-second video