Welcome to the SMU Geothermal Lab update for September. We are excited to begin the new semester with a mix of familiar and new faces here in the Geothermal Lab. In this newsletter we have information on the launch of the SMU Node of NGDS, lots of congratulations, and information about upcoming events. Looking forward to seeing everyone at the GRC meeting!

SMU Geothermal Laboratory Notes

Map Display of data on http://geothermal.smu.edu

The SMU Node of the National Geothermal Data System (NGDS) is up and running at http://geothermal.smu.edu/gtda/. The SMU Geothermal Lab contributed nationwide heat flow and gradient data on >44,000 wells, >6,000 related resources such as field notes and temperature depth curves tied to wells and >900 publication PDFs and related links. Six other institutions also contributed data giving a total of over a million sites accessible that can be filtered via a map display, or downloaded as contributed data sets. Take a minute to read our quicktips at http://geothermal.smu.edu/static/manual/index/GettingStartedSMUNodeofNGDS.htm then see what you can find. Contact Cathy Chickering at 214-768-1510, catherine@smu.edu or geothermal@smu.edu with your questions.

Data Mining Services –

a specific area of interest. Contact Cathy Chickering Pace (catherine@smu.edu or 214-768-1510) to discuss service options and pricing.

We welcome two new graduate students to the Geothermal Lab this semester. *Casey Brokaw* is a recent graduate from SMU who began working in the lab as an undergraduate student. He is working on his Master's degree with a focus on shale thermal conductivity. *Mert Bolat* is joining us from Turkey and is working on his Applied Geophysics Master's degree. Welcome to you both!

We have updated our website http://www.smu.edu/geothermal. Take a look and email us at geothermal@smu.edu to let us know what you think. Many thanks to *Kaylee Kaigler* who joined us as an intern from Lake Highlands High School last year and worked wonders to migrate and update our website. Good luck at Texas A&M Kaylee!

Maria Richards of the SMU Geothermal Lab was quoted in a recent article in the New York Times titled "Geothermal Industry Grows, With Help From Oil and Gas Drilling". Read the full story at http://www.nytimes.com/2014/07/24/business/geothermal-industry-grows-with-help-from-oil-and-gas-drilling.html?ref=international&_r=1.

Congratulations to *Zach Frone* from the SMU Geothermal Lab and Megan Farley on their recent marriage over Labor Day weekend in Upstate New York. Our very best wishes to you both!

Congratulations

Congratulations to ElectraTherm and ConocoPhillips on the successful installation of two Green Machines at a natural gas compression station in Cessford, Alberta, Canada. The Green Machines are producing electricity from waste heat. Read more at: http://electratherm.com/docs/ConocoPhillips20140722final.pdf.

Congratulations to Langson Energy and People's Gas on the successful installation of a Gas Letdown Generator™ on a gas pipeline in Chicago, Illinois. The Gas Letdown Generator™ is generating power from pressure reduction on the gas pipeline. Read more about the technology at http://www.langsonenergy.com/.

Congratulations to Perma Work/www.lang

The Energy Department has announced up to $31 million to establish the initial phases of the Frontier Observatory for Research in Geothermal Energy (FORGE), a field laboratory dedicated to cutting-edge research on enhanced geothermal systems (EGS). Learn more at: http://www.energy.gov/eere/forge/forge-home.

The Energy Department has announced up to $18 million for 32 projects that will advance geothermal energy development in the United States. The projects include integrated Enhanced Geothermal Systems Research and Development (http://www.energy.gov/eere/geothermal/downloads/integrated-egs-rd-foa-selections),

energy portfolio, discussing not only traditional and renewable forms of energy, but also new, emerging energy technologies – and the potential for these sources in the future. More information: http://earthwindfiresummit.org/.

January 26-28, 2015 - Stanford Geothermal Workshop 40th Annual, Stanford, California. More information: https://pangea.stanford.edu/researchgroups/geothermal/stanford-geothermal-workshop

February 25-27, 2015 - GeoProc 2015, Salt Lake City, Utah. More information: https://secureweb.inl.gov/geoproc2015/Default.aspx.