GeothermEx, Inc.

3260 BLUME DRIVE, SUITE 220
RICHMOND, CALIFORNIA 94806 USA

TELEPHONE: (510) 527-9876
FAX: (510) 527-8164
E-MAIL: mw@geothermex.com

ROBERT W. STACEY

PRESENT POSITION

Reservoir Engineer with GeothermEx, Inc.

EXPERTISE

- Numerical reservoir simulation
- Design, coordination and implementation of well testing, instrumentation and downhole measurements in geothermal wells
- Analysis of geothermal well transient tests
- Data acquisition system setup for experimental systems
- Development of 3-dimentional conceptual and numerical models
- Analytical modeling of geothermal reservoir processes

EDUCATION

Engineer's Degree in Energy Resources Engineering, Stanford University, 2008
Thesis: "The Impact of Dynamic Dissolution on Carbon Dioxide Sequestration in Aquifers"

M.S. in Petroleum Engineering, Stanford University, 2006
Thesis: "Electrical Impedance Tomography"

B.S. in Civil and Environmental Engineering, University of Vermont, 2004

EXPERIENCE

Reservoir Engineer, GeothermEx, Inc., 2008 to present

- Created numerical reservoir simulation of Blue Mountain geothermal field, Nevada. Incorporated flow test data, interference test data, tracer test data, along with the geologic field model to create a reservoir model of the resource, to be used for management decisions on field development.
- Coordinated well testing and analysis, downhole measurement and instrumentation, and geochemical sampling at: Meager Creek, Canada; Salton Sea, California; Blue Mountain, Nevada; Desert Peak, Nevada
- Performed estimation of geothermal energy reserves for multiple developers and lenders

TELEPHONE: (510) 527-9876
FAX: (510) 527-8164
E-MAIL: mw@geothermex.com

- Installation and maintenance of down hole pressure data acquisition systems
- Analysis of injection, production, and interference well tests

Geothermal Reservoir Engineer, ÍSOR (Iceland GeoSurvey), Summer 2007

- Analysis and design of multi-step injection tests for geothermal wells
- Development of graphical user interface for the TOUGH2 geothermal reservoir simulator
- Creation of a new well test inversion program based upon principles of super-position, enabling the incorporation of long-term production data
- Collaboration with geologists to incorporate drilling data into a 3-dimentional geologic reservoir model

Staff Engineer, CSS Environmental Services, Inc, 2005 to 2006

- Quantification of subsurface TCE mass estimates for Superfund site closure
- Evaluation of applicability of state and federal regulations on a project-specific basis
- Development of best management practices; preparation of quarterly monitoring reports and technical updates
- Collaboration on geological and historical investigations of contaminated sites
- Soil, air, and water sampling during hazardous site remediation

Construction Foreman, Stacey Construction, Inc., 1996 - 2002

- Negotiation of vendor quotes for preparation of project bids
- Supervision of laborers on state highway and utility maintenance projects
- Calculation of material quantities, surveys of site layouts, and negotiation of schedules with subcontractors

MEMBERSHIPS

- Geothermal Resources Council
- Society of Petroleum Engineers
- Tau Beta Pi

GeothermEx, Inc.

3260 BLUME DRIVE, SUITE 220
RICHMOND, CALIFORNIA 94806 USA

TELEPHONE: (510) 527-9876
FAX: (510) 527-8164
E-MAIL: mw@geothermex.com

CITIZENSHIP

USA

SELECTED PUBLICATIONS

Stacey, R.W., K. Li and R.N. Horne, 2006. "Electrical Impedance Tomography (EIT) technique for real-time saturation monitoring," SPE Journal, vol. 14, no. 1, SPE 103124, March 2009.

Stacey, R.W., K. Li and R.N. Horne, "Determining Saturation Using Electrical Impedance Tomography (EIT)", Geothermal Resources Council, Transactions, Vol. 30, pp. 953-957, 2006.

Stacey, R.W., K. Li and R.N. Horne, "Electrical Impedance Tomography (EIT) Method for Saturation Determination," Proceedings of the Thirty-First Workshop on Geothermal Reservoir Engineering, Stanford Geothermal Program, pp. 502-507, 2006.

Hayden, N.J., J. Diebold, C. Farrell, R.W. Stacey and J. Laible. "Characterization and removal of DNAPL from sand and sand/clay layered media." Journal of Contaminant Hydrology, vol. 86, pp. 53-71, 2006.

Willson, C.S., R.W. Stacey, K. Ham, and K.E. Thompson, 2004. "Investigating the correlation of nonwetting phase liquids and pore scale geometry and topology using synchrotron X-ray tomography", Proceedings of 2004 49th Annual Conference, Developments in X-Ray Tomography IV, vol. 5535, pp. 101-111, 2004.