Assistant or Associate Petroleum Geologist  
(depending on qualifications)  
Illinois State Geological Survey  
Prairie Research Institute  
University of Illinois at Urbana-Champaign

We are seeking an individual(s) (up to three, depending on pool of applicants and programmatic need) from this search. The successful individual's qualifications will determine the level to which he/she is appointed.

**The Assistant Petroleum Geologist level** will, in collaboration with other project members, assist in completing reservoir characterization tasks for enhanced recovery of petroleum in mature oil fields within the Illinois Basin. Integrate interpretation of available reservoir data into geologic models. Produce geological maps and cross sections to depict petroleum reservoirs, reservoir geometry, structure, thickness, and other reservoir properties. Interpret well records and geophysical logs. Describe cores. Evaluate samples. Assist in picking formation contacts. Coordinate geologic work with reservoir modeling. Work with reservoir modelers to integrate geologic data into reservoir models. Work with reservoir modelers to interpret reservoir model results and enhance geologic model. Assist in preparing contract and grant proposals, scientific reports, and presentations of research results. Coordinate activities with other project members. Attend project meetings. Train and supervise the work of hourly and student assistants. Collect, assemble, and verify data from all relevant sources. Expand data resources and contribute to the Survey's permanent databases. Qualifications: Required: Bachelor's degree in geology, geological engineering, or related discipline. Four (4) years related industry, academic, and/or research experience post-bachelor's degree. Ability to collect and compile well data and produce geological maps. Ability to construct and interpret cross sections. Ability to write reports. Skills in word processing, spreadsheet, and database management. Knowledge of or an aptitude to learn GIS software (such as ArcInfo and ArcView), Landmark software, Geographix, and other commercial packages related to reservoir geology. Ability to work independently. Ability to prioritize, accomplish tasks, and meet deadlines. Good communication skills to establish friendly, open, and clear communication with others. Ability and willingness to effectively contribute as part of a team. Ability to train and supervise the work of hourly and student assistants. Preferred: Graduate degree. Knowledge of petroleum geology. Knowledge of subsurface reservoir characterization techniques for hydrocarbon reservoirs. Knowledge of reservoir quality and basic reservoir diagenesis. Ability to interpret well records and geophysical logs including picking formation contacts.

**The Associate Petroleum Geologist level** will, in collaboration with other project members, complete reservoir characterization tasks for enhanced recovery of petroleum in mature oil fields within the Illinois Basin. Integrate interpretation of available reservoir data into geologic models. Produce geological maps and cross sections to depict petroleum reservoirs, reservoir geometry, structure, thickness, and other reservoir properties. Interpret well records and geophysical logs. Describe cores. Evaluate samples. Assist in picking formation contacts. Coordinate geologic work with reservoir modeling. Work with reservoir modelers to integrate geologic data into reservoir models. Work with reservoir modelers to interpret reservoir model results and enhance geologic model. Collect, assemble, and verify data from all relevant sources. Expand data resources and contribute to the Survey's permanent databases. Prepare contract and grant proposals, scientific reports, and presentations of research results. Coordinate activities with other project members. Attend project meetings. Train and supervise the work of hourly and student assistants. Qualifications: Required: Bachelor's degree in geology, geological engineering, or related discipline. Seven (7) years related industry, academic, and/or research experience post-bachelor's degree. Ability to collect and compile well data and produce geological maps. Ability to construct and interpret cross sections. Ability to write reports. Skills in word processing, spreadsheet, and database management. Knowledge of or an aptitude to learn GIS software (such as ArcInfo and ArcView), Landmark software, Geographix, and other commercial packages related to reservoir geology. Ability to work independently. Ability to prioritize, accomplish tasks, and meet deadlines. Good communication skills to establish friendly, open, and clear communication with others. Ability and willingness to effectively contribute as part of a team. Ability to train and supervise the work of hourly and student assistants. Preferred: Graduate degree. Knowledge of petroleum geology. Knowledge of subsurface reservoir characterization techniques for hydrocarbon reservoirs. Knowledge of reservoir quality and basic reservoir diagenesis. Ability to interpret well records and geophysical logs including picking formation contacts.
Assistant or Associate Petroleum Geologist
(depending on qualifications)
Illinois State Geological Survey
Prairie Research Institute
University of Illinois at Urbana-Champaign

The work of this position (either level) takes place both in an office setting and in the field. Must be able to sit for extended periods of time working at a computer, using a keyboard and mouse, and using repetitive hand motions. Must be willing and able to perform field work, some of which may be under less than ideal conditions (inclement weather, remoteness and moderate physical exertion). Must be able to lift and carry items, such as field equipment, weighing up to 50 pounds. Must comply with requirements for personal protective equipment and safety regulations.

This is a regular full-time academic professional position. The starting date is negotiable after the closing date. Salary is commensurate with experience.

To ensure full consideration, applications should be received by March 15, 2013; however, the position will remain open until filled. To apply, all candidates must submit an online profile through jobs.illinois.edu by the close of the posting period. Qualified candidates must upload a letter of application which details qualifications noted above, résumé, and the names, addresses, phone numbers, and e-mail addresses of three professional references. All requested information must be submitted for your application to be considered. Incomplete information will not be reviewed. For further information please contact Lori Walston-Vonderharr, Human Resources, Illinois State Geological Survey, at jwalston@illinois.edu or 217-244-2401.

The University of Illinois is an Affirmative Action/Equal Opportunity Employer and welcomes individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity. (www.inclusiveillinois.illinois.edu)