Come join the exciting things going on at Purdue in Oil & Gas!

ENHANCED OIL RECOVERY LAB MANAGER
WEST LAFAYETTE - BINDLEY BIOSCIENCE CENTER

JOB DESCRIPTION:
Under the guidance of and in conjunction with the Enhanced Oil Recovery (EOR) Lab Director, manage and oversee the overall and daily operations of the EOR Research Laboratory, including the operation, maintenance, and safety of the equipment to meet the overall objectives of the lab. As required, perform the necessary experiments to complete the required work flow of the lab. Plan the resources of the lab to meet the research and non-research work required in the lab, including preparation of budgets, preparation of proposals and reports, ordering of supplies and materials, and operation of recharge center. Interface with the customers as required.

QUALIFICATIONS:

Required:
• Ph.D. in Engineering or Science.
• Three years' experience with chemical/mineralogical laboratory environment, including the set up and troubleshooting of equipment for these tasks required.
• Consideration will be given to Masters of Science degree in a field related to the aforementioned areas with 5 years' experience; Master's degree with 5 years of extensive experience in a related area preferably in a research or laboratory setting in lieu of higher degree.
• Familiarity with chemical- and mineralogical-based laboratory experiments relative to reservoir characterization and Enhanced Oil Recovery (EOR), including fluid characterization, sourcing and acquisition of chemicals, polymer evaluation, surfactant screening, polymer/surfactant compatibility and interaction, linear Berea coreflood experiments, coreflood experiments with reservoir core plugs, numerical simulation of reservoir coreflood experiments, data analysis and reporting, and customer interface.
• Knowledge and skills in wet bench chemistry, chromatographic and spectroscopic techniques, supervising lab activities, facilitating student research, authoring/coauthoring publications.
• Demonstrated ability to learn new techniques as they became available.
• Familiarity with laboratory safety precautions.
• Excellent oral and written communication, interpersonal skills.
• Keen decision-making capabilities with an aptitude for innovation and initiative.
• Exceptionally motivated self-starter with the ability to exercise sound judgment in prioritizing tasks.
• Familiarity with computer hardware and software.

Preferred:
• Ph.D. preferably in an area related to Petroleum Science, Petro-physical Analysis, Geology and/or Geochemistry.
• Experience with chemical enhanced oil recovery laboratory techniques and equipment.
• Two or more years of management (scheduling, project management, training, software support) experience.
• Supervisory experience.
• Experience working in the oil industry.
• Customer interaction experience.

Additional Information:
• A background check will be required for employment in this position.
• FLSA: Exempt (Not Eligible For Overtime)
• Retirement Eligibility: Defined Contributions Immediately.
• Purdue University is an EEO/AA employer. All individuals, including minorities, women, individuals with disabilities and protected veterans are encouraged to apply.

About the Bindley Bioscience Center
The Bindley Bioscience Center is a multidisciplinary research facility designed to integrate multi-investigator teams composed of life scientists and engineers to solve complex global challenges. Our state-of-the-art technology cores are based within the context of senior research scientists with deep expertise in molecular screening, biophysical analysis, imaging, flow cytometry, medicinal chemistry, translational pharmacology, systems biology, computational biology and mass spectrometry. The Center establishes analytical methods, precision measurement technologies and high throughput approaches to accelerate the process of discovery.
To learn more, go to: http://www.purdue.edu/discoverypark/bioscience

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To Apply:
go to http://bit.ly/1waxOIX

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