Position No: 4732, Wyoming Development Geologist (Research Scientist – Senior)

Estimated Pay Range: $75,000 - $100,000 / annually – full time, professional

Location: Enhanced Oil Recovery Institute, Casper, WY

Position Posted/Open until filled

PLEASE NOTE: This position is located in Casper, Wyoming and requires up to 50% travel within the state of Wyoming.

Minimum Qualifications:

- Master’s degree – Petroleum or Reservoir Geology
- 5-10 years industry/field experience in Wyoming with Wyoming geology (Rockies)

Desired Qualifications:

- Ph. D. - Petroleum or Reservoir Geology
- Project Management experience (3-5 years)
- Professional Registration (P.G.)

The successful candidate will be familiar with:

- Liquid or gaseous fluids in rock
- Oil generation, migration, accumulation, and reservoir characterization
- Enhanced Oil Recovery (EOR)
- Residual Oil Zone (ROZ) identification, characterization, and recovery
- Petroleum engineering
- Infill drilling
- Water flooding, chemical flooding, & CO₂ flooding
- Various modeling techniques and software packages

This position further requires:

- A reservoir/development geologist who can complete reservoir characterizations for EOR, including knowledge of outcrop investigation, core/cutting description, well log analysis, and petrographic data such that the data will be used to develop geologic characterization models and to support geological field studies.
- An understanding of reservoir heterogeneities from depositional environments, diagenetic modification, and structural complications.
- A deep knowledge on Wyoming oil and gas reservoirs, including conventional and unconventional resources.
- An ability to determine geomechanical influence on standard and specialized logs and the ability to perform multi-well analysis with a multi-disciplinary team that develops methodologies, processes, and technological applications for detecting, locating,
identifying, physically and functionally characterizing, modeling of oil and gas resources to support the mission of EORI.

- The ability to perform data mining to research and sort through digital data to create geo-spatial database entries
- A willingness to do hands on work in the field and a willingness/capacity/aptitude to work with industry clients (e.g. producers)
- Candidate with be responsible for providing both regional and field scale geologic interpretations of various plays in Wyoming. Ability to collaborate with different geologic/engineering disciplines to enhance evaluations and meet project goals.
- Candidate must be a team player, communicate well with others and be able to write effectively.

To apply, please send the following requirements – a professional cover letter, resume, and three professional references - to steven.carpenter@uywo.edu. Applications will be accepted until the position is filled.