Posting Number/Identifier: Senior Subsurface Geologist

Release Date: 3/9/2023

Closing date: 4/7/2023 (Continuous until filled)

Description of Duties:

The West Virginia Geological and Economic Survey is seeking a research-oriented, senior-level subsurface geologist that will be located and administered within the Oil and Gas Program. The successful candidate will conceptualize, secure funding for, and lead basic and applied research projects as well as fulfill requests for service in support of WVGES initiatives. Research pathways may include regional unconventional reservoir studies and petroleum system evaluation, subsurface storage of alternative fuels and CO₂, and integration of geological and geophysical data into the Oil and Gas Wells database. Duties will include project management and multi-disciplinary collaboration with wide latitude for independent work on research initiatives. The position requires strong written and oral communication skills and the successful candidate must demonstrate the ability to identify, secure, and administer external funding opportunities. Other duties of the position include presentation of research results at seminars, workshops, and scientific meetings as well as collaboration with other local, state, or federal government agencies, industry, and academia.

Knowledge, Skills and Abilities:

The ideal candidate for this position will be able to represent the agency by providing information and program descriptions to the public in an effective manner. The position requires knowledge of complex and broad areas of geology, with expertise in areas relating to hydrocarbon production and subsurface reservoirs in the Appalachian Basin. A working understanding of current research, techniques, and methods is required, as is advanced knowledge of core logging practices, subsurface correlation, and modern mapping techniques. Preference will be given to candidates possessing an advanced skill set, such as geochemical data analysis, petrophysics, or seismic interpretation. The successful applicant will have experience with collection and synthesis of oil and gas data into derivative products and subsurface mapping software, such as IHS Petra, Kingdom Suite, and/or GeoGraphix. A working knowledge of the Microsoft Office suite and ESRI GIS software is required; GIS proficiency is preferred.

The candidate must be able to serve as a team leader and to administer, conduct, organize and manage complex research projects. The candidate will be required to organize timing and structure of work plans to complete necessary deliverables of projects and will be required to generate interim and final project reports in support of both internal and externally-funded projects. Preference will be given to candidates with experience supervising staff and managing research projects; final position and salary
designation will be commensurate with this level of experience. Office tasks will involve extensive computer work compiling research and updating databases; producing maps, diagrams and presentation materials; working on various projects at once; and performing service requests for the public. The candidate will be asked to engage with other local, state, or federal government agencies, industry, and academia for project development and present project-related material to appropriate audiences. The candidate must be physically capable to assist with field work and manual labor, such as moving core boxes, boxes of records, and other tasks as needed. Applicants may be required to work outdoors mapping in any areas of the State for up to a week at a time, multiple weeks a year as needed.

**Qualifications:**

Minimum qualifications include a Ph.D. in Geology from an accredited college or university and three years of full-time or equivalent part-time paid professional experience as a geologist. Acceptable substitutions include an M.S. in Geology from an accredited college or university, with coursework including Sedimentology, Stratigraphy, and Structural Geology and six years of full-time or equivalent part-time paid professional experience as a geologist, or a B.S. in geology from an accredited four-year college or university and eight years of full-time or equivalent part-time paid professional experience as a professional geologist. Attendance and successful completion of geologic field camp is required. A valid driver’s license is also required, and the applicant must be insurable under the state’s vehicle insurance plan. Appointment is initially for a six-month probationary period with the possibility of a permanent appointment after successful completion of the probationary period.

**Other:**

- This is a non-Civil Service, at-will position.

**To apply:**

1. Download and complete the State Division of Personnel application from: https://personnel.wv.gov/SiteCollectionDocuments/Application.pdf
2. Provide a résumé.
3. Please include the posting number/identifier “Senior Subsurface Geologist” on application.
4. Send the downloaded and completed State Division of Personnel application and résumé directly to:

   Crystal Wimer  
   WV Geological & Economic Survey  
   1 Mont Chateau Rd  
   Morgantown, WV 26508  
   Fax: 304-594-2575  
   E-mail: cwimer@wvgs.wvnet.edu
(Do **NOT** send the application form to the Division of Personnel in Charleston; it should be sent directly to the WV Geological Survey in Morgantown at the address above) WV Geological and Economic Survey is an Equal Employment Opportunity Employer