West Virginia University, College of Engineering and Mineral Resources, Department of Petroleum & Natural Gas Engineering (PNGE) anticipates filling one or may be two Research Associate positions in Petroleum Engineering. A M.S. degree in Petroleum & Natural Gas Engineering is required. The successful applicant will work with researchers in the WVU PNGE Dept. to investigate new and innovative methods for post-sequestration CO2 seepage from geological formations using state-of-the-art Artificial Intelligence and Data Mining technologies. The overall goal of the project is geared towards developing new technology for in-situ seepage detection using Smart Field technology in the oilfield such as Permanent Downhole Gauges. This research requires a strong knowledge of reservoir engineering and reservoir simulation and modeling. Furthermore, knowledge of Artificial Intelligence and Data Mining technologies are required. Initial appointment may start as early as December 1, 2009. Responsibilities include research and personnel management. The position is for one year with potential to extend, subject to availability of funds. Salary is competitive and commensurate with qualifications. Evaluation of candidates will begin immediately and continue until the position is filled.

WVU is a comprehensive land grant institution with over 28,000 students and Carnegie Doctoral Research Extensive ranking. The department has 5 tenure-track faculty, offering BS, MS, and Ph.D. degrees in petroleum and natural gas engineering to 110 undergraduate and 30 graduate students. Women and minorities are encouraged to apply. Non-US citizens must include a statement of authority to work in the US. Applicants should send a letter describing their qualifications, a curriculum vita, and names, addresses, email addresses and telephone numbers of three references to Dr. Shahab D. Mohaghegh, P.O. Box 6070 Morgantown, WV 26506 (Shahab.Mohaghegh@mail.wvu.edu). For more information, visit Dr. Mohaghegh’s website at http://shahab.pe.wvu.edu or contact Dr. Shahab D. Mohaghegh (304) 293-3984. Review of applications will begin November 1, 2009 and will continue until the position is filled. WEST VIRGINIA UNIVERSITY IS AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER.