



Available Job Opportunity: CCUS Operations Engineer

This is a full-time on-site role located in Allen, TX.
Work From Home available Fridays.

CapturePoint is seeking an Operations Engineer to join an industry leading CCUS team. The focus of the job will be well design and Class VI permitting for deep underground storage of CO₂. Substantial experience in well operations with an emphasis on well construction design, P&A assessments and downhole monitoring are requirements. A background in well construction in CO₂ environments, cement program design, nodal analysis and risk-based assessments is preferred.

The CCUS Operations Engineer will be responsible for the design and planning for stratigraphic test wells, monitoring wells, and Class VI CO₂ injection wells in a variety of sites and environments. The position will also be responsible for the wellbore review of existing penetrations at potential storage sites and for appropriate corrective action plans. Once site designs are approved, the engineer will provide insight into the best monitoring techniques to ensure low-risk outcomes are achieved. The CCUS Operations Engineer will work from CapturePoint's Allen, TX headquarters and report to the Director of CCUS.

Specialized Requirements:

- Thorough knowledge of well operations, well construction, P&A assessments, and downhole monitoring
- Extensive experience in CO₂ well environments, including design, permitting, and construction is preferred
- Background in cement program design is optimal
- Experience with nodal analysis is preferred
- Producing technical writing and documentation for all aspects of Class VI permits

Duties and Responsibilities:

- Perform detailed records search (digital and manual) on all artificial penetrations within and around sequestration sites
- Review status of all wells including depth, quality of plugs, and primary cement
- Build detailed wellbore diagrams displaying current status of all wells
- Determine type and timing of required corrective actions based upon the Area of Review and build a corrective action plan
- Perform nodal analysis to determine tubular size and completion strategy
- Select well materials, cement design, and downhole monitoring equipment to inform the well construction plan for Class VI injection and monitoring wells

(Continued on next page)

Duties and Responsibilities (continued):

- Contribute to and oversee stratigraphic test well data collection strategies and wellbore design
- Provide detailed cost estimates and project schedule for all CCUS well work
- Work with vendors to evaluate new technologies and incorporate as necessary and appropriate into well design
- Provide technical writing support for Class VI permits including full descriptions of well construction design, plugging plans, and corrective action plans
- Meet with and present to regulatory bodies and provide technical support for any requests for additional information

Skills and Abilities:

- Exceptional teamwork and interpersonal skills
- Self-motivated, organized, creative and results-oriented work style
- Strong communication and presentation skills (written and oral) with the ability to clearly convey practical concepts and relevant information
- Flexibility and capability to effectively prioritize multiple tasks simultaneously

Qualifications:

- Minimum of 10 years Operations Engineering experience in well construction
- Experience in CO₂ well environments strongly preferred
- Relevant college degree and technical education certification(s)

Benefits:

- Competitive salary
- Comprehensive health package (medical, dental, and vision)
- Other premier benefits: 401(k) match and Tuition Assistance
- Work From Home available on Fridays

Apply by sending your resume to jobs@capturepointllc.com. Indicate that you wish to be considered for the CCUS Operations Engineer position. We will contact you if you qualify for an interview. No phone inquiries please.