



<https://stratagraph.com/job/mud-logger-mudlogging-technician-permian-delaware-basin/>

Mud Logger / Mudlogging Technician – Permian And Delaware Basin

Description

Location: Permian Basin & Delaware Basin

Schedule: Rotational, 12-hour shifts

Employment Type: Full-Time / Project-Based

Position Overview

As a **Mud Logger / Mudlogging Technician** with Stratagraph, you will be responsible for providing accurate, real-time geological evaluation of the wellbore while drilling. This role involves close communication with client Geologists, Engineers, and Operations teams to deliver high-quality written and verbal reports, maintain logging equipment, and identify geological changes and zones of interest through cuttings, gas, and fluid analysis.

This position is ideal for individuals who are detail-oriented, adaptable, and thrive in fast-paced field environments.

Responsibilities

Key Responsibilities

- Perform continuous on-site geological monitoring of the wellbore
- Collect, describe, and analyze drill cuttings for lithology and hydrocarbon indicators
- Monitor and interpret gas, oil shows, and drilling parameters
- Provide accurate, timely reports to clients multiple times per shift
- Communicate effectively with on-site and off-site personnel
- Maintain, calibrate, and troubleshoot mudlogging equipment daily
- Document geological changes and identify zones of interest
- Follow all safety, environmental, and operational procedures on location

Work Environment

- Field-based work on active drilling locations
- Exposed outdoor conditions (heat, cold, wind, dust, etc.)
- On-the-job training and mentorship opportunities
- Growth and advancement potential within the organization

Qualifications

Requirements

- Ability to work **12-hour shifts** in exposed environments for **rotations of up to 3 weeks or longer**
- Proficiency with **Microsoft Office**, especially Excel
- Experience with mudlogging software (e.g., Wellsight, MainLog, or similar)

Hiring organization
Stratagraph, Inc.

Employment Type
Full-time

Job Location
Odessa, Texas

Date posted
January 22, 2026

systems)

- Strong written and verbal communication skills
- Ability to prioritize tasks and work under pressure
- Physically able to lift up to **50 lbs**, stand, walk, bend, and climb stairs for extended periods

Minimum Qualifications

- High School Diploma or GED
- At least **1 year of on-site mudlogging or wellsite geology experience**
- Valid driver's license with reliable transportation
- Legal authorization to work in the United States
- Pre-employment drug screening

Preferred Qualifications

- B.S. in Geology or related field
- 3-5 years of experience across multiple basins or formations
- Familiarity with West Texas, New Mexico, and other major U.S. basins
- Strong understanding of drilling operations and data integration