

## UNIT DRILLING

**JOB TITLE:** Derrickhand  
**REPORTS TO:** Driller

**DEPT:** Unit Drilling  
**STATUS:** Non-Exempt

**JOB SUMMARY:** Responsible for checking and maintaining the mechanical conditions of the mud system, controlling mud properties and mud volumes, racking and laying down drill pipe and drill collars, maintaining and inspecting safety equipment, providing housekeeping, checking mud properties, and maintaining mud equipment inventory. Assists Driller with supervision of rig team members.

### **RESPONSIBILITIES AND ESSENTIAL JOB FUNCTIONS:\***

1. Check, maintain and track the mechanical conditions of the mud system components.
2. Control mud properties and mud volume; inform engineers and drillers of mud conditions.
3. Rack and lay down drill pipe and drill collars.
4. Maintain all safety harnesses, lanyards, and fall arrest systems in the derrick; inspect derrick pins, keepers, electrical cords, lights, fingers and ladder.
5. Train, instruct, and supervise other rig team members under the direction of the Driller.
6. Provide housekeeping in mud pump area, mud mixing house and mud pit area.
7. Perform checks of mud properties.
8. Maintain mud equipment inventory.
9. Perform related responsibilities as required or assigned.

### **QUALIFICATIONS:**

- Thorough understanding of drilling rig components, instruments, and equipment.
- Knowledge of proper oils, oil levels and service schedules for pumps and related equipment.
- Knowledge of proper maintenance and operating procedures for the boiler and heaters.
- Ability to detect a well kick and initiate shut-in procedures.
- Ability to work at heights.
- Reliable attendance.
- Ability to work under stress.
- Ability to communicate effectively verbally and in writing.
- Must complete and pass a pre-employment physical assessment and drug screen.

### **SPECIAL JOB DIMENSIONS:**

- This is a safety sensitive position.
- The work is performed outside with exposure to various and sometime extreme weather conditions.
- Exposure to fumes, gases, noise, moving/mechanical parts, vibrations, high pressures, electricity, and various chemicals.

- Must be able to work a 14 days on, 14 days off schedule, or other non-traditional work schedules.

**PHYSICAL REQUIREMENTS:**

**FREQUENCY\*\***

<b>Stooping:</b> Bending the body downward and forward at the waist, requiring full use of the lower extremities and back muscles.	Frequent
<b>Reaching:</b> Extending hand(s) and arm(s) in any direction.	Constant
<b>Carrying:</b> Transporting an object, usually holding it in the hands or arms or on the shoulder (up to 126 pounds).	Constant
<b>Pushing:</b> Using the upper extremities to exert force upon an object so that the object moves away from the force.	Constant
<b>Pulling:</b> Using the upper extremities to exert force upon an object so that the object moves toward the force.	Constant
<b>Sitting:</b> Remaining in the normal seated position.	Occasional
<b>Standing:</b> Remaining on one's feet in an upright position without moving about, particularly for sustained periods of time.	Constant
<b>Walking:</b> Moving about on foot to accomplish tasks.	Frequent
<b>Lifting:</b> Raising objects from a lower to a higher position or moving objects horizontally (up to 126 pounds).	Frequent
<b>Climbing:</b> Ascending and descending stairs and ladders.	Occasional
<b>Grasping:</b> Applying pressure to an object with the fingers and/or palm.	Constant
<b>Repetitive Motions:</b> Substantial movements (motions) of the wrists, hands, and/or fingers for the purpose of picking up items, typing, operating ten-key or performing data entry.	Constant
<b>Talking:</b> Expressing or exchanging instructions and ideas by means of the spoken word.	Frequent
<b>Hearing:</b> Ability to receive oral information and/or sounds through the ear.	Constant

**Seeing:** Obtaining impressions through the eyes of the distance, size, shape, motion, color, or other characteristics of objects. The major visual functions are: Constant

- Acuity (far and near)
- Depth perception (perceiving distances)
- Color vision (distinguishing between different colors)
- Field of vision (seeing a wide range of objects at the same time).

\*Must also be able to perform the job duties of a Floor Hand

\*\*Occasional (1-33%) Frequent (34-66%) Constant (67-100%)