**Student Handout 2**

**EUREKA Bingo Clues**

1. These specialists use vibrations to help them determine where to drill for oil and natural gas. (seismic operator)

2. When a construction site is active, this person performs a wide variety of tasks, including operation of equipment, installing and repairing equipment and lines, and manual labor.

(roustabout)

3. Responsible for directing and coordinating work and activities associated with well drilling fluid systems and equipment, this person works outdoors in all seasons. (derrick hand)

4. This scientist determines the best location for drilling oil and natural gas based on analysis of underground structures. (geologist)

5. Driving trucks is this employee’s main job. (swamper)

6. Setting up and operating a variety of drill equipment to remove petroleum products from the earth is the main part of this person’s job. (rig operator)

7. This engineer uses math, physics, chemistry and technology to design products or make processes more processes more cost effective or create new products. (chemical engineer)

8. This specialist devises methods to improve oil and natural gas well production and oversees drilling activities. (petroleum engineer)

9. This is an entry-level position to aid seismic operators and requires working in all types of weather to create and monitor small earthquakes using explosive and other energy sources.

(jughound)

10. A professional who notes the conditions surrounding the construction of a well is this person’s job.

(mudlogger)

11. This professional confirms land ownership and negotiates agreements with land owners for drilling or production rights. (landman)

12. Reading blueprints, installing industrial equipment, troubleshooting and repairing machinery are parts of this person’s job description. (millwright)

13. This maintenance worker is responsible for maintaining and repairing industrial machinery in the field. (industrial machinery mechanic)

14. This person is responsible for operating all cranes, bulldozers, dump trucks and other types of heavy equipment. (heavy equipment operator.)

15. This position requires two levels of certification: diving and welding. (deep sea welder)

16. This person’s drawings provide visual guidelines to show engineers how to construct oil and gas well structures. (draftsman)

17. This extremely hazardous job requires training to extinguish and cap blazing eruptive oil well blowouts on land or in the ocean. (oil well firefighter)

18. This person uses pressurized water and a vacuum system to excavate around utilities and pipelines.

(hydrovac operator)

19. The job of this person is to safely and efficiently perform manual labor tasks on the drilling floor under the direction of the driller. (floorhand)

20. Analyzing oil analysis reports, interpreting data, and make recommendations based on up-to-the minute data is this person’s responsibility. (data analyst)

21. This specialist designs and aids with construction for offshore platform operations. (mechanical engineer)

22. Supervising and coordinating construction activities to ensure that work is completed properly in a timely manner is this person’s job. (civil structural superintendent)

23. Exception writing and public relations skills are necessary for this employee who is responsible for marketing programs and communications strategies. (communications specialist)

24. State of the art technology is used by this technician to allow pipeline systems to be operated from a single control center to maximize safety and efficiency. (control center operator)