|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Lab Sheet**  **Careers in Oil and Natural Gas**  This list is a small sampling of careers in the Oil and Natural Gas Industry.   |  |  |  | | --- | --- | --- | | Chemical Engineer | Mechanical Engineer | Petroleum Engineer | | Geologist | Mudlogger | Oil Well Firefighter | | Floorhand | Truck Driver | Communications Advisor | | Bed Truck Operator | Derrickhand | Landman | | Geophysicist | Vacuum Truck Operator | Heavy Equipment Operator | | Steam Ticketed Operator | Millwright and Machinist | Hydrovac Operator | | Oil Production Consultant | Rig Operator | Seismic Operator | | Data Analyst | Accountant | Deep Sea Welder | | Swamper | Draftsman | Civil Structural Superintendent | | District Operations Manager | Roustabout | Jughound |   Student Instructions:  Use the website indicated to identify the career titles and fill in the blanks that match the descriptions. Then solve the puzzle by unscrambling the letters in the boxes.  1. A \_\_\_ \_\_\_ \_\*\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_is the one responsible for finding oil. The expected salary is around $83,000 per year.  [www.howstuffworks.com/environmental/energy/oil-drilling2.htm](http://www.howstuffworks.com/environmental/energy/oil-drilling2.htm)  2. A \_\_\_ \_\_\_ \_\_\_ \_\*\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ is a professional who notes the conditions surrounding the construction of a well. The expected salary is around $53,000 per year.  [www.youtube.com/watch?v=iV2J54gd4Y8](http://www.youtube.com/watch?v=iV2J54gd4Y8) or [www.wisegeek.com](http://www.wisegeek.com) if youtube is blocked.  3. A \_\_\_ \_\_\_ \_\_\_ \_\_\*\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ works with mud systems, monitors weight and mixes weight properly while staying in contact with Engineers and Drillers. The expected salary is around $55,368  [www.trinidaddrilling.com/Careers/Jobdescriptions.aspx](http://www.trinidaddrilling.com/Careers/Jobdescriptions.aspx)  4. A\_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\*\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ is responsible for maintenance and housekeeping of the rig. The expected salary is about $42,868.  [www.trinidaddrilling.com/Careers/Jobdescriptions.aspx](http://www.trinidaddrilling.com/Careers/Jobdescriptions.aspx)  5. A \_\_\*\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ confirms land ownership and negotiates agreements with land owners for drilling or production rights. The salary is around $74,000 per year.  [www.stephenlhaynes.com/our-roots.php](http://www.stephenlhaynes.com/our-roots.php)  6. A\_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\*\_\_ \_\_\_ is a heavy hauling truck driver. The salary is around $52,000 per year.  [www.careersinoilandgas.com/working-in-oil-gas-/a-day-in-the-life-/day-in-the-life-craig-bed-truck-operator-/aspx](http://www.careersinoilandgas.com/working-in-oil-gas-/a-day-in-the-life-/day-in-the-life-craig-bed-truck-operator-/aspx)  7. A \_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\* \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ precisely measures hundreds of small earthquakes and compiles three-dimensional maps of sub-surface rock formations and petroleum reservoirs. The expected salary is about $136,000  [www.oilfieldworkjers.com/seismicjobs.php](http://www.oilfieldworkjers.com/seismicjobs.php)  8. A\_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_\_ \_\*\_\_ \_\_\_ \_\_\_ is a seismic operator’s helper. The expected salary is about $40,079  [www.oilfieldworkers.com/seismicjobs.php](http://www.oilfieldworkers.com/seismicjobs.php)  9. A \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\*\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_\_ \_\_\_ \_\_\_ \_\_\_ evaluates potential oil and gas reservoirs, oversees drilling activities, and uses advanced computers for analysis of exploration data. The expected salary is about $110,000 per year.  <http://www.pge.utexas.edu/about/petroleum>  Unscramble the boxed (\*) letters  \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ |