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| Description: logoo3.png | **KSU/COLT**  Spring 2017 | **Course Title**  Petroleum & Engineering Trans.  Assignment 1 | **Course Code**  474 TRAJ | **Teacher**  Sarah Alajlan | **Approved** | |
| **Student's Name Student’s ID#** | | | **Group** | **Serial** | | **Score**  **/10** |

**Instructions: a/ Translate the below text into Arabic. Consider your audience to be an educated readership in the Arab World. b/ Write an introduction in which you discuss the ST from text typology, register and text genre viewpoints, in addition to matters related to structures and text style (300 words). c/ write a commentary on your strategic decisions made in the translation of this text (300 words). You are encouraged and expected to carry out research related to the topic for better understanding of the ST. d/ You should submit this by April 20th before 11:00 a.m.**

**Offshore Drilling**

Before drilling an exploratory well, a specialist will conduct geologic surveys of an area to determine the potential for oil or gas deposits and to identify specific targets. The specialist then hires a drilling contractor to drill exploratory wells offshore. The oil company chooses the location and supervises the operation, which may take as little as 15 days or as long as 12 months, of round-the-clock, seven-days-per-week operation  to drill a single well depending on the complexity of the project. Offshore rigs are designed for efficiency in living and working, with emphasis on keeping the rig steady in gulf or ocean waters. 

Offshore wells are drilled in much the same way as their onshore counterparts. A conduit made from lengths of steel pipe permits drilling fluids to move between the rig-at the water's surface-and the sea floor. This conduit is called a "riser." The riser is fitted with ball-and-slip joints that permit the long string of riser pipe to move up and down and bend slightly with the wave-induced movement of the rig. As drilling proceeds, and the well gets deeper, the drilling crew adds new sections of drill pipe to the ever-lengthening drill string. The drill string is lowered through the riser to the sea floor, passing through a system of safety valves.

**Good luck**