

## How a Deep Sea Offshore Drilling Rig Works

### ***1. What is the Showboat bringing to the rig?***

- |                                 |                          |
|---------------------------------|--------------------------|
| A. Food and water               | B. Workers and equipment |
| C. Pipes and a hydraulic hammer | D. Fuel and oil          |

### ***2. What is the cantilever?***

- |                               |                    |
|-------------------------------|--------------------|
| A. A large drilling structure | B. A type of ship  |
| C. A small tool               | D. A safety device |

### ***3. How many hydraulic cylinders move the cantilever?***

- |        |         |        |          |
|--------|---------|--------|----------|
| A. Two | B. Four | C. Six | D. Eight |
|--------|---------|--------|----------|

### ***4. What is the diameter of the drill pipe?***

- |              |              |
|--------------|--------------|
| A. 10 inches | B. 20 inches |
| C. 30 inches | D. 40 inches |

### ***5. How deep does the pipe go into the sea floor?***

- |             |             |
|-------------|-------------|
| A. 51 feet  | B. 131 feet |
| C. 331 feet | D. 551 feet |

### ***6. What happens after the pipe is in place?***

- |                        |  |
|------------------------|--|
| A. The workers go home | B. The hydraulic hammer starts working |
| C. The ship leaves     | D. The rig moves to a new location     |

### ***7. What will the drilling produce?***

- |          |        |
|----------|--------|
| A. Water | B. Gas |
| C. Coal  | D. Oil |