

DEEP HORIZON - OIL SPILL

Technological design begins with a problem. Technologists identify a problem and seek to solve it with new technologies and/or systems. The United States recently experienced an environmental catastrophe as a damaged oil well is spilling oil into the ocean at an alarming rate.

In this assignment, you will research a real problem and the attempts that scientists and technologists are making to solve the problem. As of right now, they know of no quick solution to stop the oil and are tirelessly working to come up with new ideas.

- 1) **WHAT IS THE PROBLEM?** _____
- 2) **WHERE DID THE OIL SPILL TAKE PLACE?** _____
- 3) **WHO IS RESPONSIBLE TO PAY FOR FIXING THE OIL SPILL?** _____
- 4) **WHAT IS BEING USED TO TRY TO PREVENT THE OIL FROM REACHING THE SHORE?** _____

- 5) **DESCRIBE 3 WAYS THEY ARE TRYING TO CLEAN UP THE ALREADY-SPILLED OIL.**
 1. _____
 2. _____
 3. _____
- 6) **DESCRIBE 2 WAYS THEY HAVE TRIED TO STOP THE OIL WELL FROM SPILLING.**
 1. _____
 2. _____
- 7) **DESCRIBE 2 SAFETY FEATURES THAT WERE IN PLACE AT THE OIL WELL TO PREVENT AN OIL SPILL. THESE FEATURES OBVIOUSLY FAILED, BUT WHAT WERE 2?**
 1. _____
 2. _____
- 8) **LIST 5 IMPORTANT FACTS ABOUT THE OIL SPILL THAT YOU DID NOT MENTION ABOVE.**
 1. _____
 2. _____
 3. _____
 4. _____
 5. _____

EXTRA CREDIT: ON THE BACK OF THIS PAPER, DRAW A PICTURE OF YOUR SOLUTION TO STOP THE WELL FROM SPILLING.

