

To be clear, any release of hydrocarbons from our operations into the environment is unacceptable, and we continue to invest in research and technology to drive us to our ultimate goal of zero discharge.

Examples of the technologies which have helped to reduce accidental releases include:

- Down hole flow control valves that shut down the well automatically if damage to the surface equipment is detected
- Blowout preventer technology which includes redundant systems and controls
- New and improved well control techniques which maintain constant control of the fluids in the wellbore
- Sensors which continually monitor the subsurface and seabed conditions for sudden changes in well pressures; and
- BP's fiber optic network in the US Gulf of Mexico which allows us to monitor well pressures in real time, both at the facility and in our offices in Houston.

While our intent is to prevent all accidental discharges, we conduct regular emergency drills with local, state, and federal agencies. All of our production facilities have contingency plans that identify the procedures, response equipment, and key personnel needed for responding to incidents.

OFFSHORE TECHNOLOGIES ENABLING ENVIRONMENTAL STEWARDSHIP

Three key technologies which enable the safe and reliable production of offshore oil and gas resources:

- Seismic imaging
- Offshore drilling; and
- Offshore production systems.

Seismic imaging allows us to predict the presence of hydrocarbon reservoirs below the sea bed. Drilling allows us to test for the presence of hydrocarbons in the reservoirs. When hydrocarbons are present, the well bore connects the reservoir to the surface, where production systems enable us to produce the hydrocarbons, and deliver them safely to the refinery.

Our industry has a remarkable track record of moving forward the limits of each of these technologies. In BP, we have been at the forefront of both the development of the