

# Our continued commitment to enhance offshore drilling safety.

## PREVENTION

### Industry Drilling Standards

#### API Technical Standards

Incorporated into federal regulations and cited more than 350 times.

# 100+

#### Updated API Standards

#### New API Standards

STD 53

Blowout Prevention Equipment Systems For Drilling Wells

Deepwater Well Design And Construction

RP 96

STD 65-2

Isolating Potential Flow Zones During Well Construction

Well Construction Interface Document Guidelines

BULL 97

#### Center for Offshore Safety

Created by the industry to ensure the highest level of offshore drilling safety and help deepwater operators execute the most advance safety and environmental management oversight systems. Governing board includes operators, contractors and suppliers.



# SAFE DRILLING OPERATIONS

#### Mission

- Coordinate independent third-party auditing
- Certification of API RP 75 Safety and Environmental Management Systems
- Provide platform for collaboration between industry, the government and other stakeholders
- Share lessons learned and improve operations

## Spill RESPONSE Capability

#### Oil Spill Response Research Program

Government collaboration encouraged with industry's continued commitment to enhance and innovate. Five-year program devoted to reviewing the following:

# 5 YEAR PLAN

# 25 INDIVIDUAL RESEARCH PROJECTS

- Oil spill response plans
- Oil sensing and tracking
- Dispersant use and application
- In situ burning
- Mechanical recovery capabilities
- Shoreline protection and cleanup
- Alternative response technologies

#### Clean Up

Following the passage of the **Oil Pollution Act of 1990 (OPA-90)**, oil and shipping industries created the **Marine Preservation Association (MPA)** and the **Marine Spill Response Corporation (MSRC)**.

Oil spill recovery organizations such as MSRC, The National Response Corporation, MPA and others were created with the sole purpose of oil spill response. These organizations have assets strategically placed throughout the country to ensure a rapid response to any oil spill.

#### Oil Spill Liability Trust Fund (OSLTF)

The OSLTF is an important insurance policy – supported and funded by the oil and natural gas industry – that ensures there are immediate resources available to pay for damages from an oil spill.

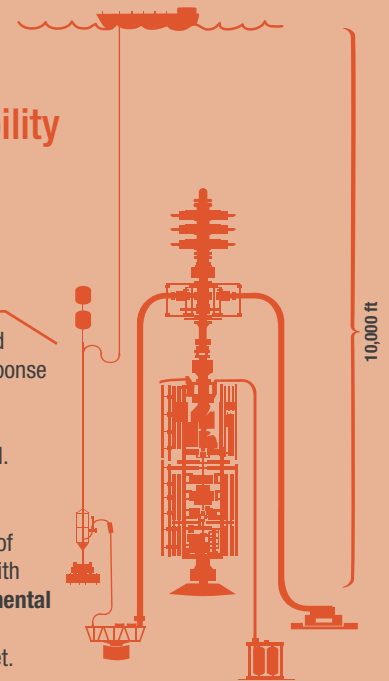
# \$2.4 BILLION

## Well Containment & INTERVENTION Capability

#### Innovative Intervention Capabilities

The oil and gas industry has invested heavily in deployable deepwater response vessels and equipment capable of capping and stopping the flow of oil should there ever be a loss of control.

Design and development of these massive stacks, weighing in excess of 100 tons, was coordinated closely with the **Bureau of Safety and Environmental Enforcement** to ensure that the government's requirements were met.



#### Well Containment Companies

Shortly after the Gulf incident, the **Marine Well Containment Company** and **Helix Well Containment Group** were established for quick deployment of capping stacks, equipment and vessels in the unlikely event of a loss of well control designed to operate at:

**DEPTHS** up to **10,000** ft under water

**PRESSURES** up to **15,000** psi

**CAPACITIES** of more than **50,000** bbs/day of oil and **90 million** cf gas/day

#### OSLTF Allocations

- Research and development
- Payments to federal, state, and Indian tribe trustees
- State access for clean up activities
- Removal costs incurred by the Coast Guard and Environmental Protection Agency (EPA)
- Other specific needs