

Eastern Gulf Permitting

MMS Policy Committee Meeting

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Introduction

- Background on the Lease Sale 181 area
- Lease Evaluation Activities
- Permitting Process

Sale 181 Area Exploration Prospects

Water Depths: range from 7500' in north to 9300' in south

Drilling Depths: potential range from 16000' to 25000' TD

Reservoir Objectives:

Miocene sandstones

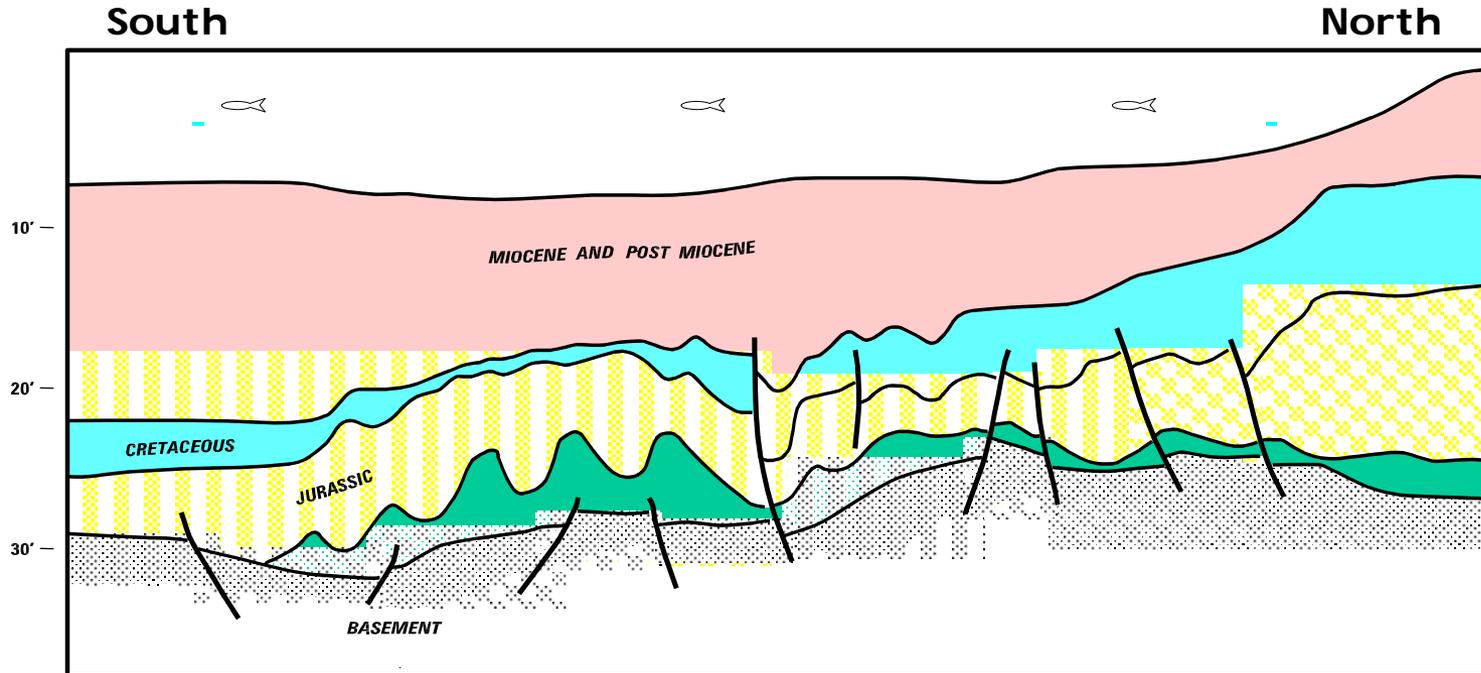
Cretaceous sandstones

Jurassic sandstones

Hydrocarbon type: Studies suggest the HC type more likely

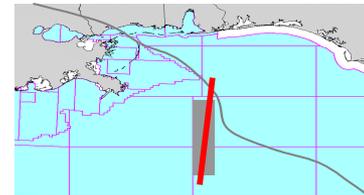
GAS than **OIL**

Generalized Geological Cross Section



20 miles

PPTCFBDC.ILL-52



Line location, N-S through sale 181

Sale 181 Area Evaluation Activities

Three main phases of Sale 181 Area activities

Prior to sale:

Evaluate exploration potential for bid recommendations, evaluate legacy leases

Post sale:

Update evaluation and prioritize prospects in light of sale results and select exploratory drilling sites

Permitting:

Develop Exploration Plan information and Federal Consistency Determination; Apply for NPDES Discharge Permit

Typical Deepwater Rig On Location



Rig Owner:

Transocean Sedco Forex

Rated Drilling Depth:

30,000 feet

Rated Water Depth:

8,000 ft. upgradeable to
9,500ft.

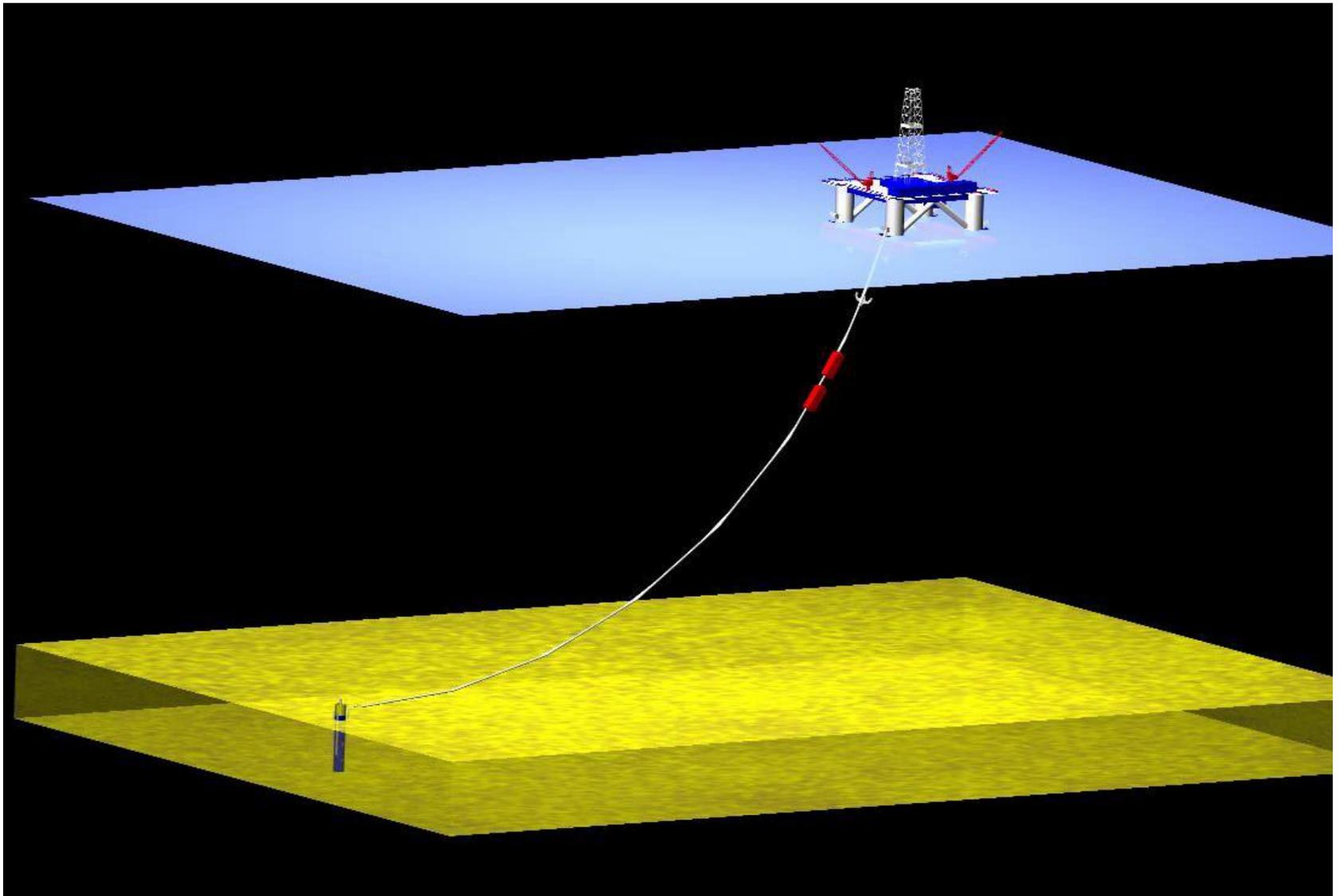
Accommodations For:

130 people

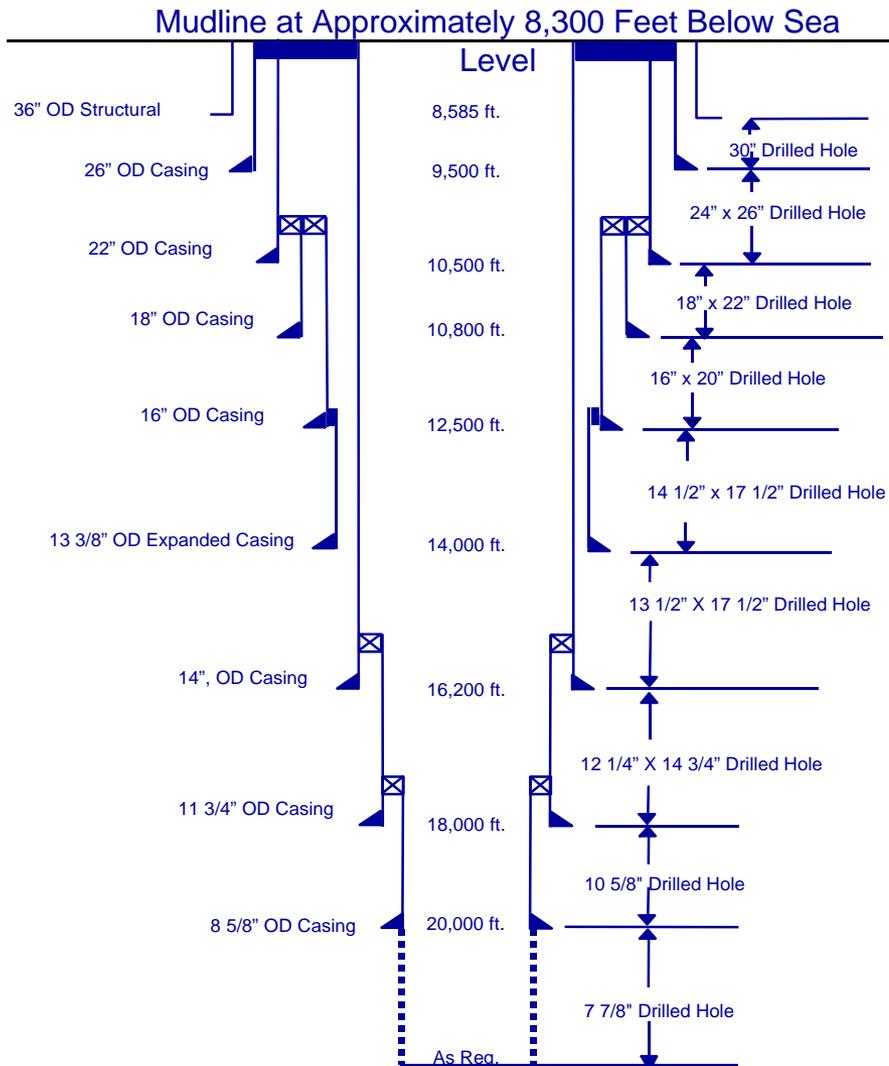
Year Built:

2000

Mooring Installation



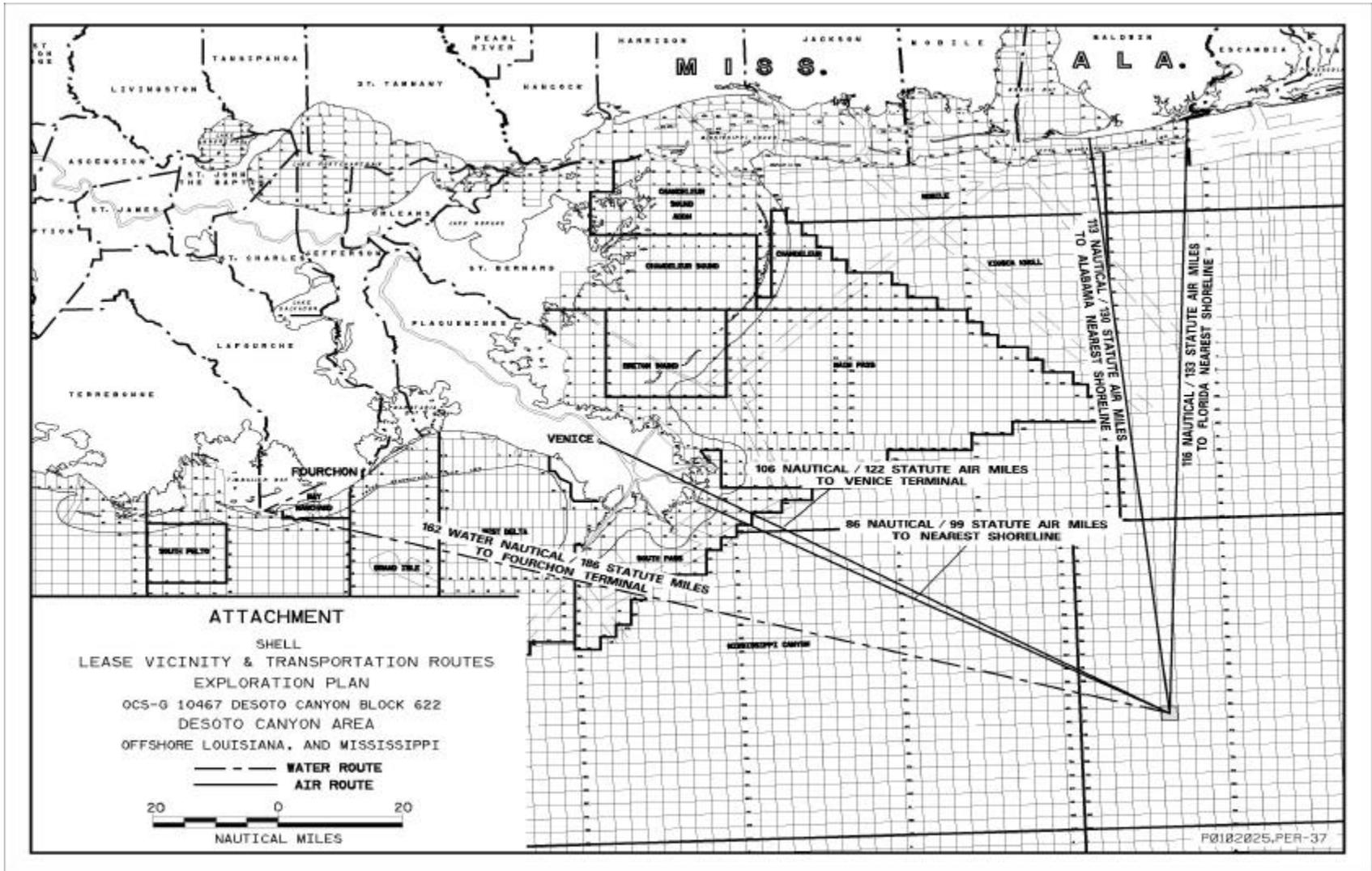
Typical Deepwater Well Hole and Casing Program



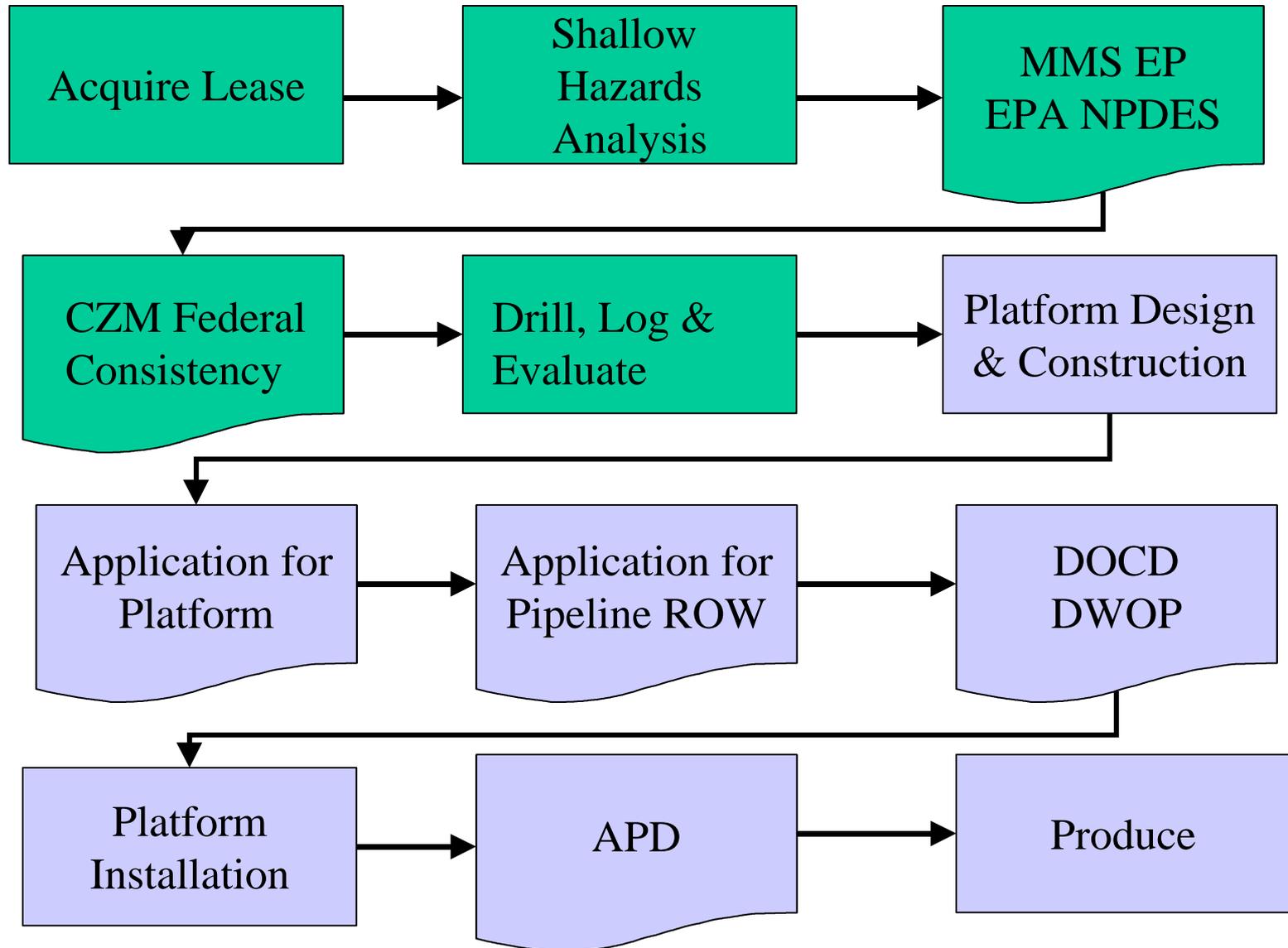
Well Design Objective:

Drill a hole through the geologic objectives so that the well can be evaluated for commercial accumulations of hydrocarbons in a safe and environmentally responsible manner.

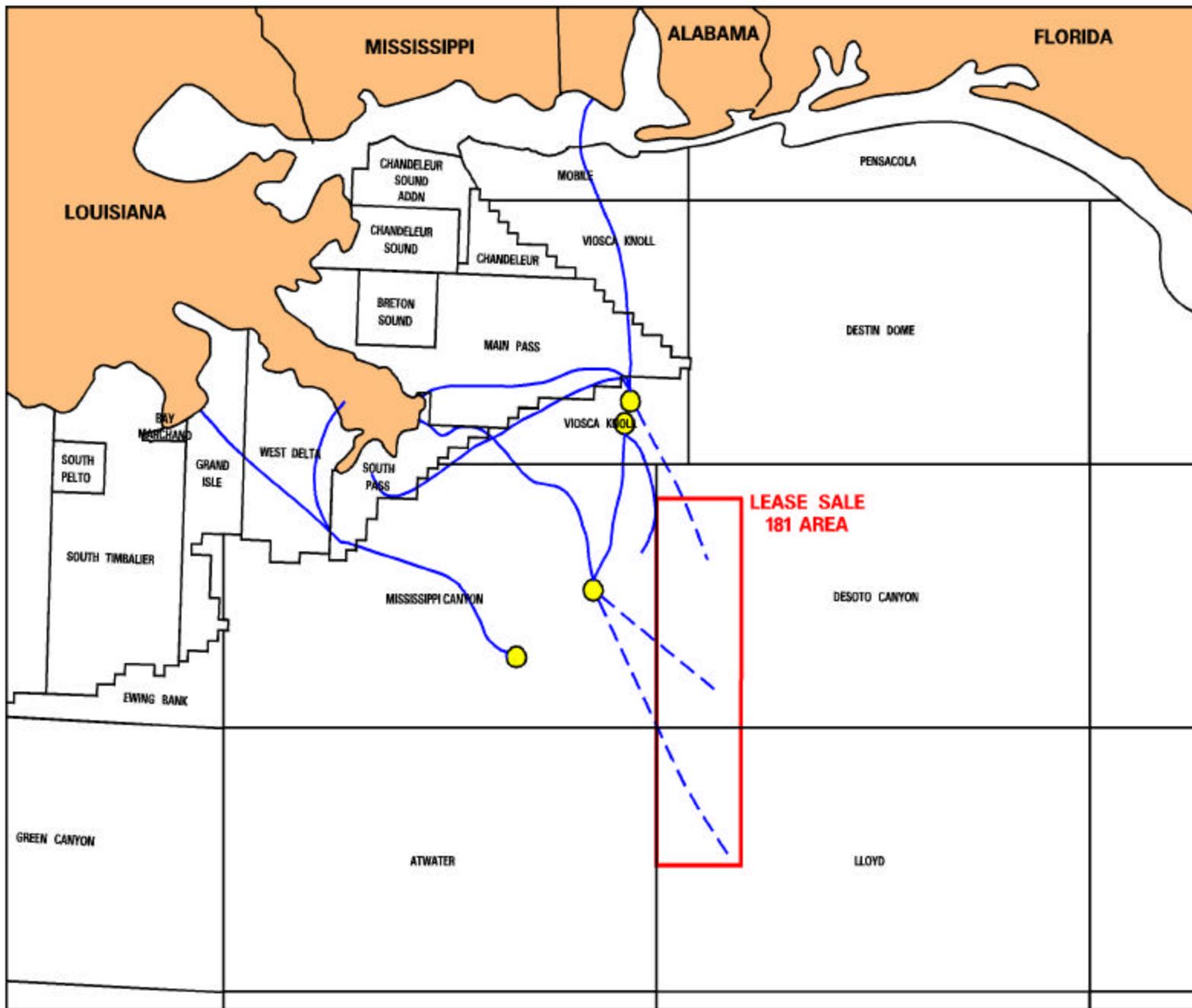
Transportation Routes to EGOM Lease Sale Area



Flowchart of E&P Activities



HUBS AND EXPORT ROUTES



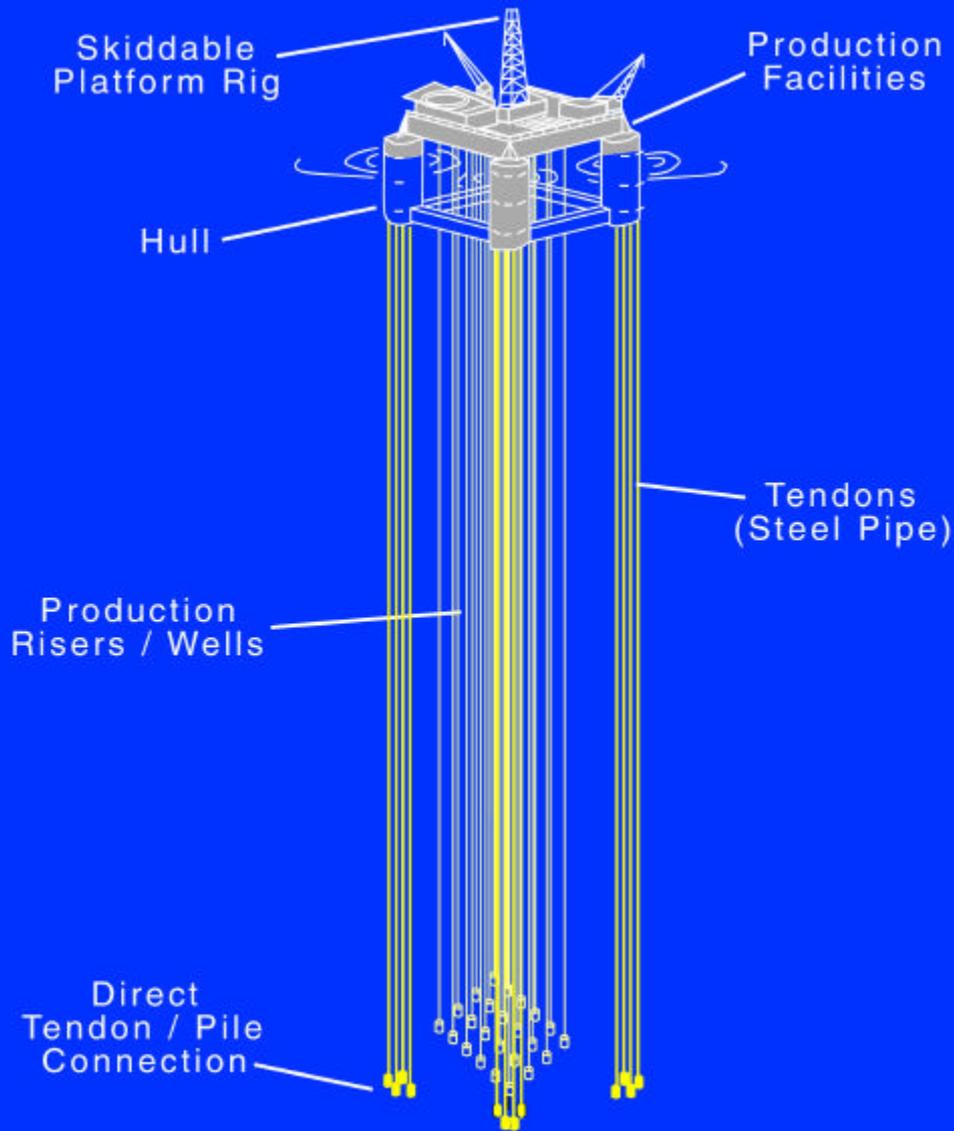
HUBS



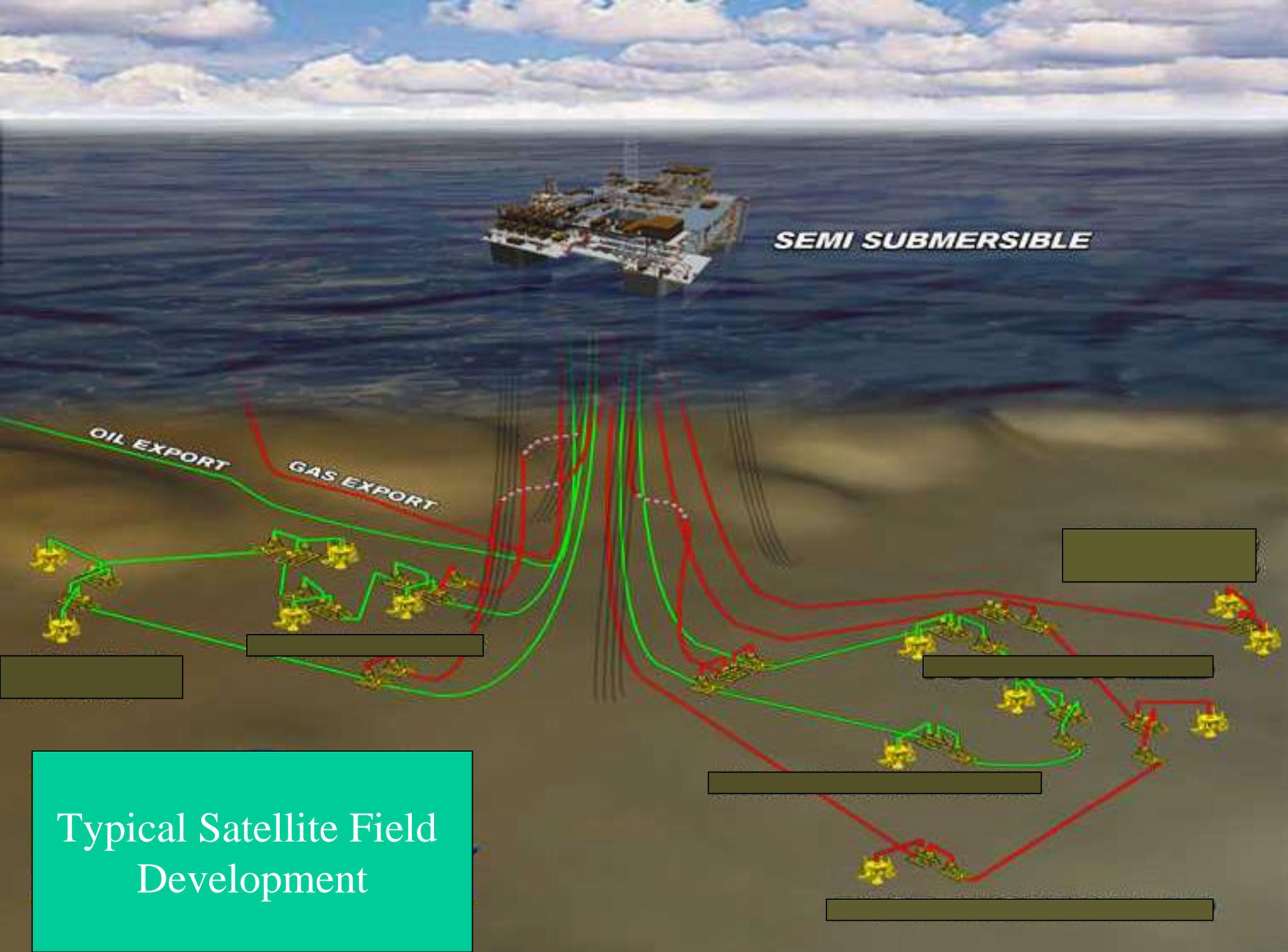
EXISTING EXPORT ROUTES



SUCCESS CASE EXPORT ROUTES



Tension Leg Platform



SEMI SUBMERSIBLE

OIL EXPORT

GAS EXPORT

Typical Satellite Field
Development