

# Itinerary

**NOVEMBER 2, 2023**

- 5:15AM** Depart hotel
- 6:00AM** Arrive at heliport. Change into PPE.  
Grab & go breakfast
- 6:30AM** Flight safety briefing
- 7:00AM** Helicopter #1 departs to Asgard
- 7:30AM** Helicopter #2 departs to Asgard
- 9:15AM** Asgard safety briefing
- 9:30AM** Asgard presentation and review tour route
- 10:30AM** Photo opportunity on helideck
- 10:45AM** Asgard tour
- 12:45PM** Lunch with Asgard Operations Team
- 1:30PM** Closing session
- 2:30PM** Helicopter #1 departs from Asgard
- 3:00PM** Helicopter #2 departs from Asgard
- 4:00PM** Helicopter #1 lands at heliport
- 4:30PM** Helicopter #2 lands at heliport
- 4:45PM** Vehicles depart for MSY commercial flights
- 5:00PM** Hess charters depart for HOU
- 6:00PM** Hess charters arrive at HOU
- 6:15PM** Vehicle departures for all charter passengers



Hess.com

NOVEMBER 2, 2023



# TRAVEL GUIDE

GoM Site Visit



## SAFETY

### HELICOPTER

- ▶ Follow pilot's direction
- ▶ Approach helicopter from side to avoid rotors
- ▶ **Don't:** Approach helicopter from front or rear

### GENERAL

- ▶ If you see a hazard, point it out
- ▶ If you see anything unsafe, stop the job
- ▶ Know your muster station and lifeboat

EVERYONE  
EVERYWHERE  
EVERY DAY  
**HOME SAFE**

# Table of Contents

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- 1** Itinerary
- 2** Safety do's and don'ts
- 3** Hess Rules
- 4** Helicopter safety, details and seating
- 6** Hess Gulf of Mexico overview
- 8** Flight path
- 10** Deepwater Asgard facts and schematic
- 12** Stampede facts
- 14** Black Pearl subsea infrastructure schematic



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# Safety do's & don'ts

## GENERAL

- ▶ If you see a hazard, point it out
- ▶ If you see anything unsafe, stop the job
- ▶ Report any incident/injury to drillship leadership
- ▶ **Don't: Let an unsafe act go unnoticed**

## HELICOPTER

- ▶ Follow pilot's instructions
- ▶ Hearing protection must be worn at all times
- ▶ Place your phone in 'airplane mode' before boarding helicopter
- ▶ Approach helicopter from side
- ▶ **Don't: Approach helicopter from front or rear**
- ▶ **Don't: Wear loose items that could fly off near the helicopter**

## DRILLSHIP

- ▶ Know your alarms and muster station
- ▶ **Don't: Take your phone outside of quarters**
- ▶ Be aware of hazards, e.g., overhead lifts
- ▶ Listen for safety announcements
- ▶ Always use handrails on stairs

EVERYONE  
EVERYWHERE  
EVERY DAY  
**HOME SAFE**



## STOP WORK AUTHORITY

I, THE UNDERSIGNED, HEREBY COMMIT TO SUPPORT YOUR STOP WORK AUTHORITY, AND WILL ENSURE THAT THERE ARE NO REPERCUSSIONS TO YOU FOR ANY STOP WORK INTERVENTION THAT YOU INITIATE IN GOOD FAITH. PLEASE CONTACT ME ANYTIME THAT YOU NEED MY ASSISTANCE IN THIS REGARD.



GERBERT SCHOONMAN  
SVP, PRODUCTION  
713.496.4678  
GSCHOONMAN@HESS.COM

## HESS RULES



### **Energy Isolation**

Verify isolation and zero energy before work begins.



### **Lifting and Hoisting**

Plan lifting operations and control the area.



### **Working at Heights**

Protect yourself against a fall when working at height.



### **Confined Space Entry**

Obtain authorization before entering a confined space.



### **Hot Work**

Control flammables and ignition sources.



### **Excavation and Trenching**

All excavation and trenching work greater than 4 feet (1.2 meters) deep requires written approval.



### **Land Transportation**

Follow safe driving rules.



### **Safety System Bypass**

Obtain authorization before overriding or disabling safety controls.

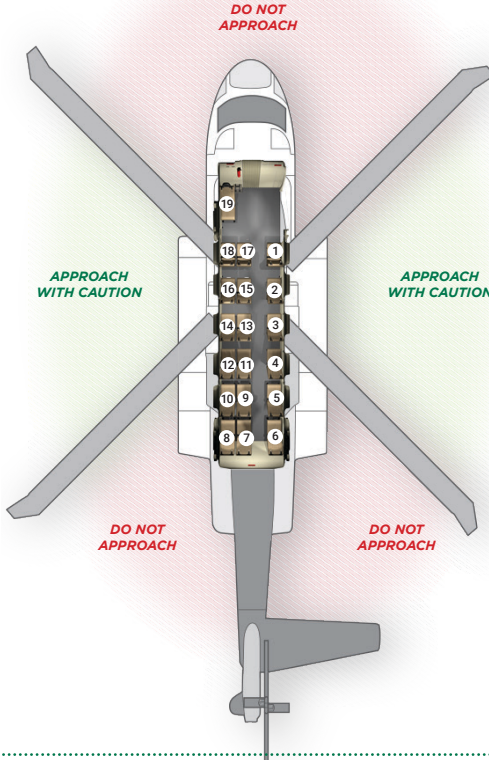


### **Line of Fire including Dropped Object Prevention**

Keep yourself and others out of the line of fire.

# Helicopter safety and

## AIRCRAFT 1: SIKORSKY S92



### TEAM SEATING S92



**Margie Kloska**  
Hess  
Seat position: 1



**Tim Cordingley**  
Hess  
Seat position: 10



**Kevin Meyers**  
Board  
Seat position: 2



**Jeremy Thigpen**  
Transocean  
Seat position: 11



**Bill Schrader**  
Board  
Seat position: 3



**Jess Richards**  
Transocean  
Seat position: 12



**Terry Checki**  
Board  
Seat position: 4



**Tim Goodell**  
Hess  
Seat position: 13



**Lisa Glatch**  
Board  
Seat position: 5



**Kevin Lambert**  
Hess  
Seat position: 14



**Alex Sagebien**  
Hess  
Seat position: 6



**Richard Lynch**  
Hess  
Seat position: 16



**Jason Sapp**  
Hess  
Seat position: 8



**Greg Hill**  
Hess  
Seat position: 18



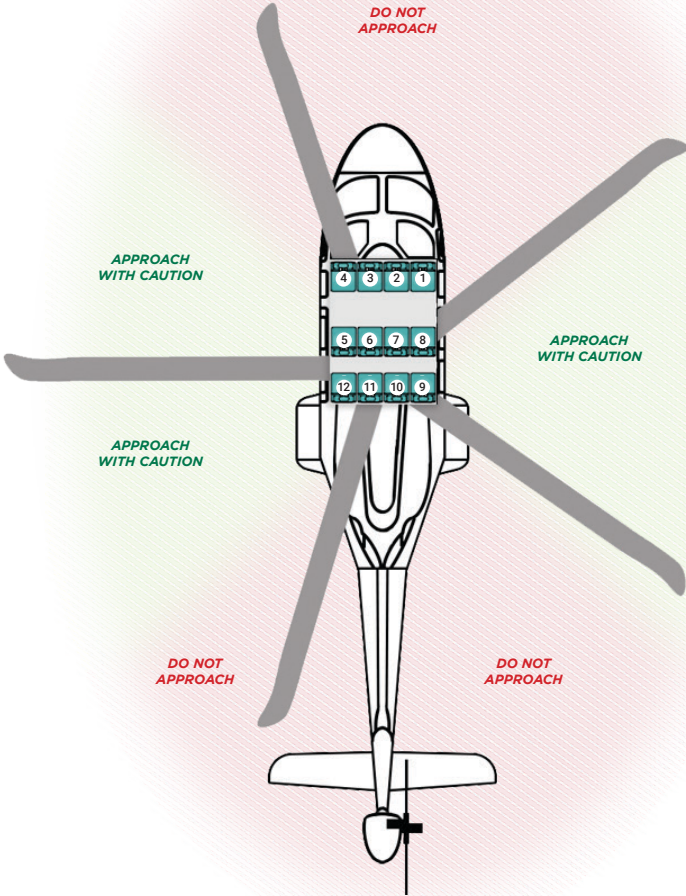
**Edith Holiday**  
Board  
Seat position: 9



**Brock Hajdik**  
Hess  
Seat position: 19

# seating positions

## AIRCRAFT 2: LEONARDO AW139



### TEAM SEATING AW139



**Myles Barrett**  
Hess

**Seat position: 1**



**Jim Quigley**  
Board

**Seat position: 6**



**David McManus**  
Board

**Seat position: 3**



**Gerbert Schoonman**  
Hess

**Seat position: 8**



**Keith Miller**  
Transocean

**Seat position: 4**



**Keelan Adamson**  
Transocean

**Seat position: 9**



**Roddie Mackenzie**  
Transocean

**Seat position: 5**

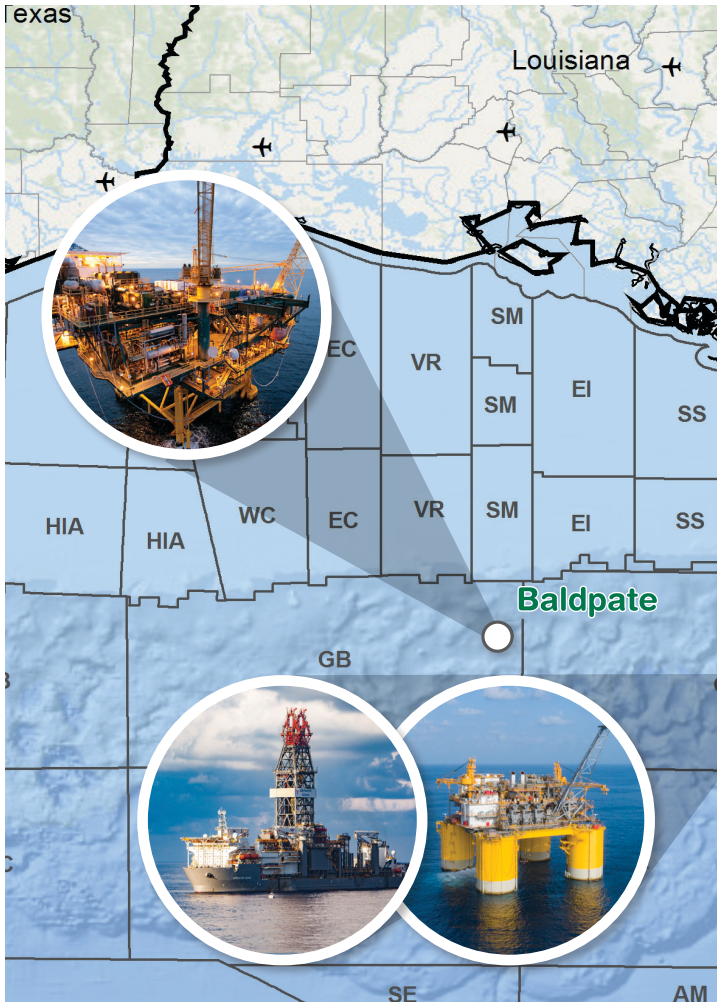


**Matt Horgan**  
Hess

**Seat position: 12**



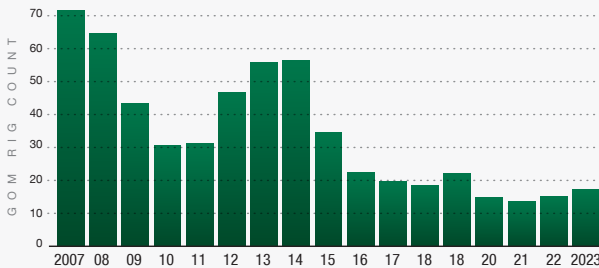
# Hess Gulf of Mexico



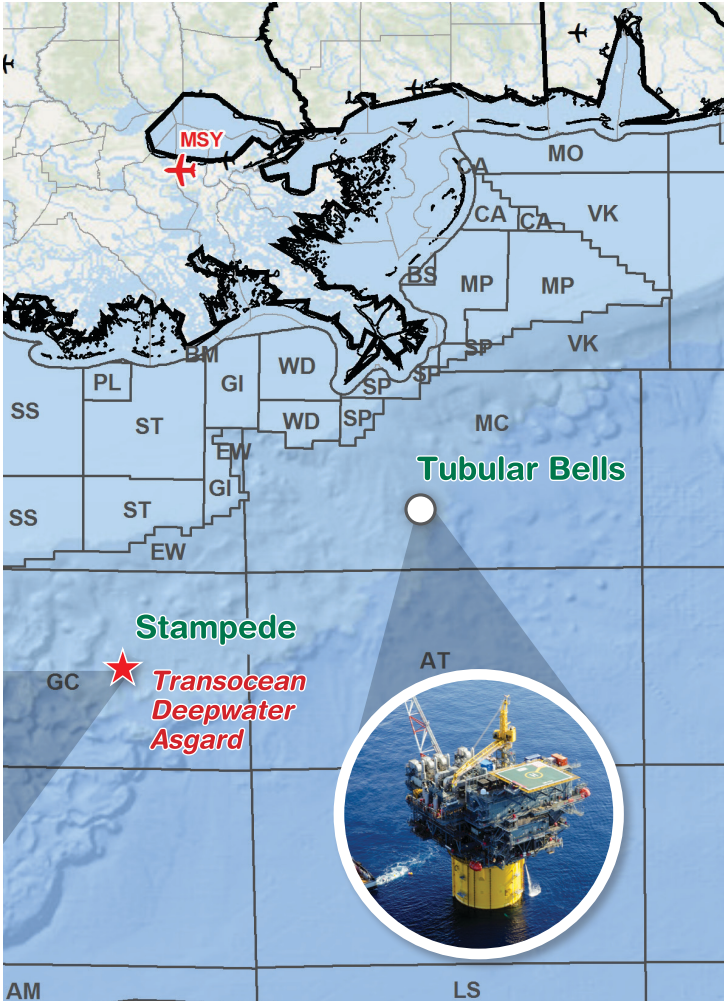
## GULF OF MEXICO (GOM) DRILLING FACTS

- ▶ Hess operating ~5% of the total current GOM rig count (1 of 18)
- ▶ GOM rig market limited, with a 70% decrease since 2014

## GOM RIG COUNT

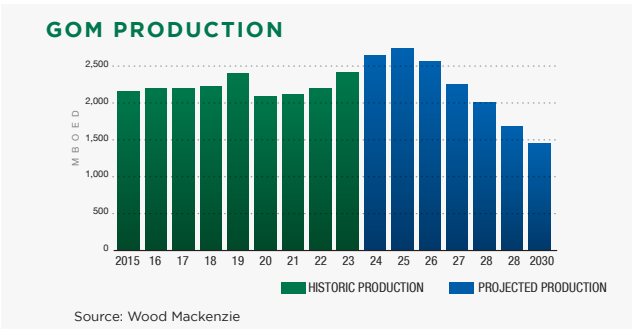


Source: Energy Information Administration



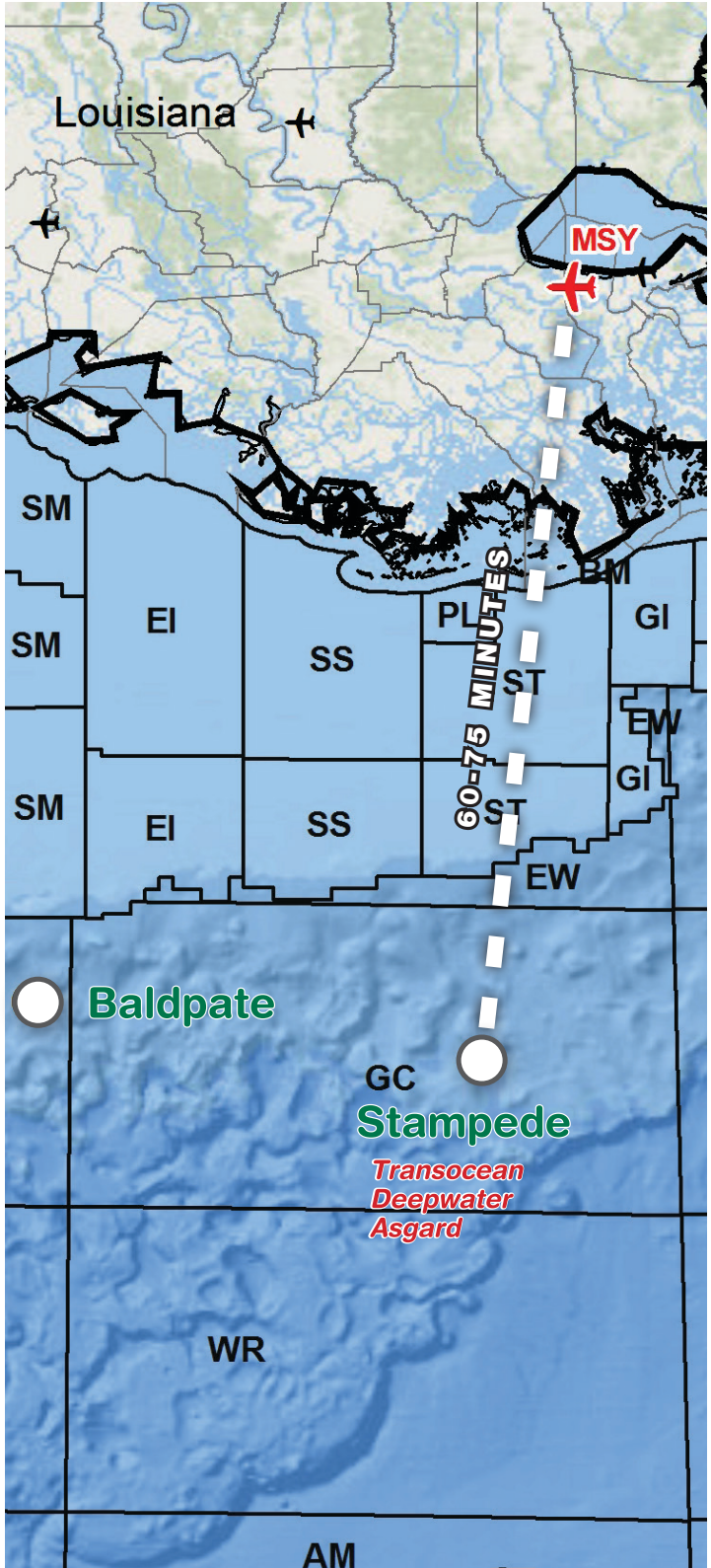
**GULF OF MEXICO PRODUCTION FACTS**

- ▶ Hess is one of the largest gross operators in the GOM based on gross operated production
- ▶ Hess has 7 fields in GOM; Operated: Stampede, Tubular Bells, Baldpate, Penn State, Conger, Esos; Non-Operated: Llano
- ▶ More than 85 leasehold blocks in GOM
- ▶ Greater than \$2.6 billion invested 2015-2022 USD

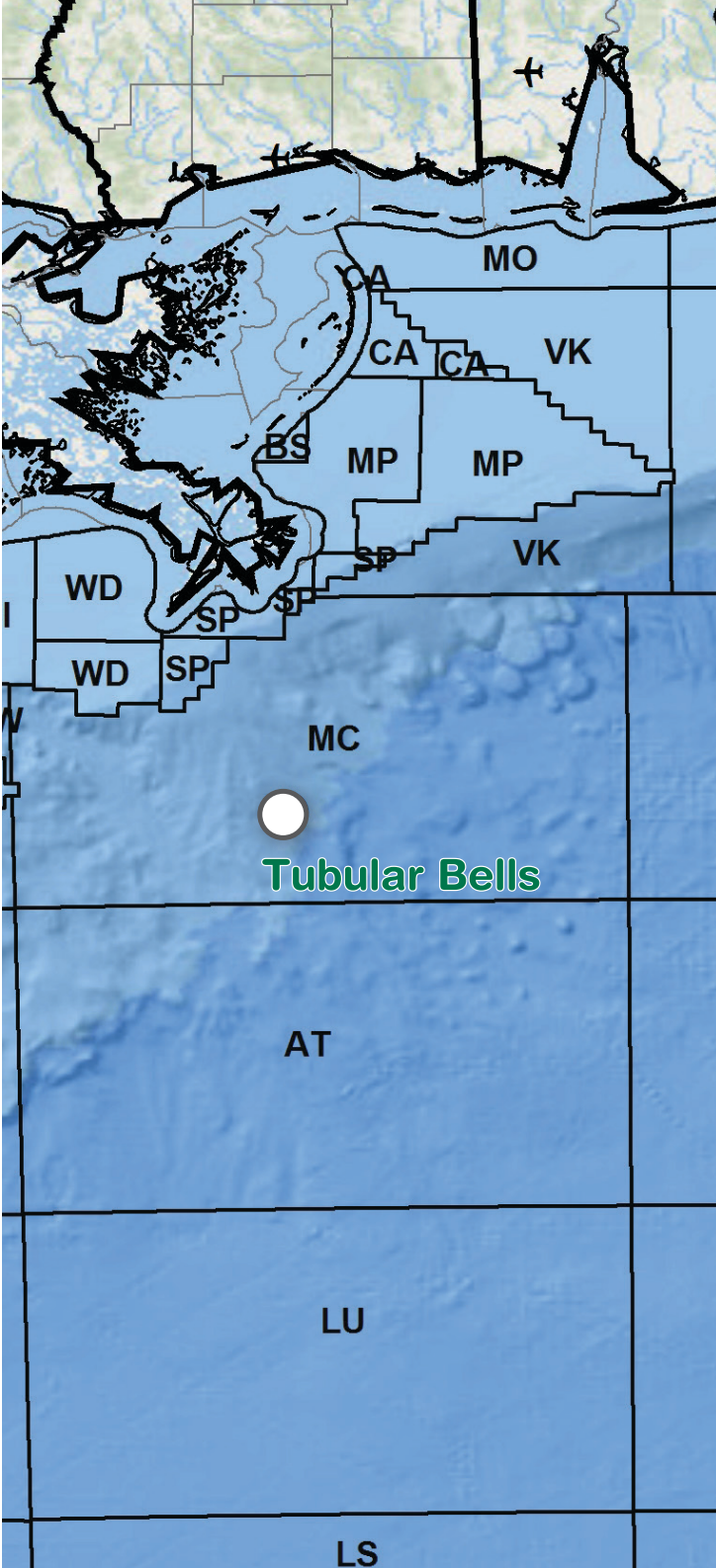


# Flight path

## MSY TO DEEPWATER ASGARD









# Deepwater Asgard



## DRILLSHIP SPECIFICATIONS

<b>Year Entered Service</b>	2014
<b>Dimensions</b>	795' Long - 137.8' Wide - 103,589 mt displacement
<b>Transit Speed</b>	12.5 knots
<b>Water Depth</b>	12,000' capability
<b>Drilling Depth</b>	40,000' capability



# facts



## STORAGE CAPACITIES

<b>Liquid Mud</b>	Active system: 9,745 bbls Reserve system: 10,562 bbls
<b>Base Oil</b>	5,031 bbls
<b>Brine</b>	5,031 bbls
<b>Drill Water</b>	19,911 bbls
<b>Potable Water</b>	9,364 bbls
<b>Bulk Storage</b>	30,000 ft <sup>3</sup> plus 10,000 sacks
<b>Subsea Equipment</b>	2 x Cameron 7 Ram, Dual Annular 15,000 psi WP BOP's
<b>Main Power</b>	6 x Himsen 14H32/40v - 720 hp each engine
<b>Emergency Power</b>	Caterpillar 3516B - 2532 hp
<b>Thrusters</b>	6 x Rolls Royce Azimuth thrusters
<b>Accommodations</b>	200 POB

Source: Transocean International

# Stampede facts



## ASSET DETAILS

Discovery	2005
Project Sanction	Oct 2014
First Oil	Jan 2018
Water Depth	3,600 ft
Reservoir Depth	32,000 ft
2P Reserves	109 MMBOE
Production Wells	7
Injection Wells	3







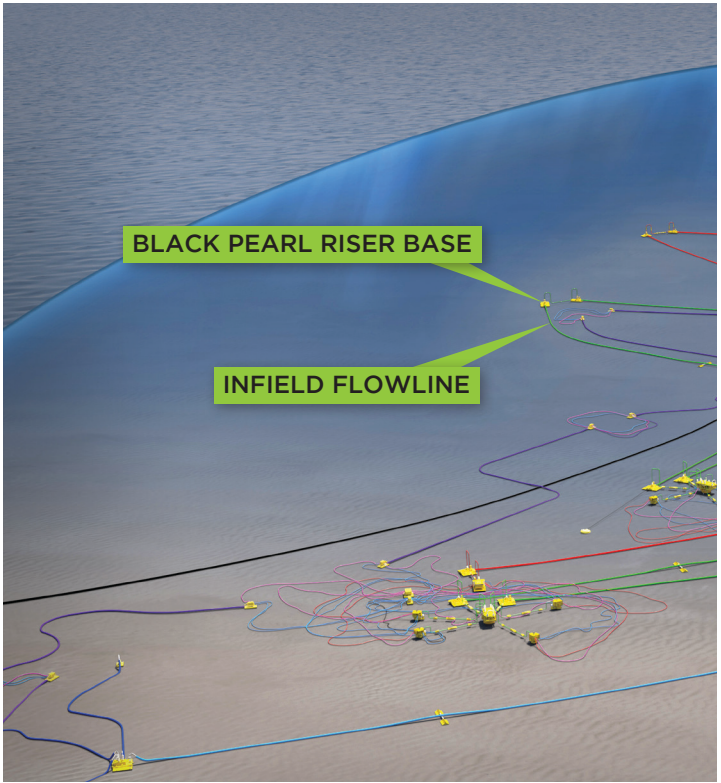
#### TLP FACTS

<b>TLP Key Dimensions</b>	243 ft L, 204 ft W, 369 ft H
<b>Weight of TLP</b>	74 million pounds
<b>Distance from Nearest Well</b>	1.5 miles
<b>Oil Processing Capacity</b>	80 MBOD
<b>Gas Processing Capacity</b>	40 MMCFD
<b>Water Injection Capacity</b>	100 MBWID
<b>Living Quarters Accommodations</b>	80 POB





# Black Pearl subsea



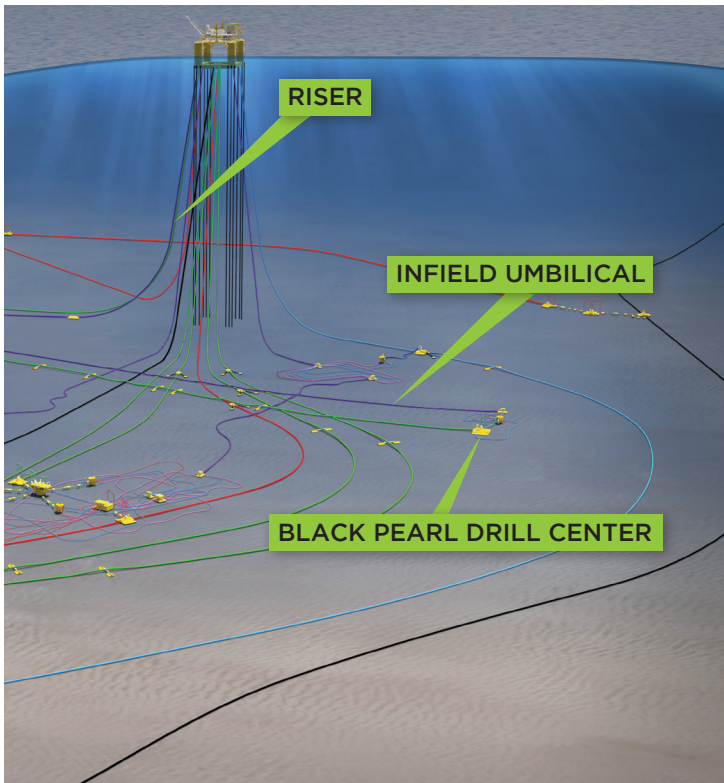
## STAMPEDE SUBSURFACE SPECIFICATIONS

- ▶ 7 production wells and 3 water injection wells
- ▶ Single-point gas lift at 16,500 ft measured depth
- ▶ Capable of 13 MMSCFD of gas lift per well
- ▶ Down hole and top of hole chemical injection capability for all wells
- ▶ Electro-hydraulic control system providing electrical power and signals, hydraulic power, and chemicals to the manifolds and trees via the umbilical system



*Stampede subsea production well tree*

# infrastructure



## BLACK PEARL SPECIFICATIONS

- ▶ Sanction to First Oil: 22 months
- ▶ P50 gross reserves: 26.8 MMBOE
- ▶ New 3-mile flowline, riser and umbilical tie-back to the Stampede TLP; 12.5k psi system
- ▶ Designed to support exploitation of future tie-back opportunities

