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Public Information Copy

April 24, 2023

Mrs. Michelle Picou, Section Chief
Bureau of Ocean Energy Management
1201 Elmwood Park Boulevard
New Orleans, LA 70123-2394

Attn: Plans Group GM 235D

SUBJECT: Revision to Exploration Plan N-10214
Walker Ridge 365 – OCS-G 37019
Offshore Louisiana

Dear Mrs. Picou:

In compliance with 30 CFR 550.211 and NTLs 2008-G04, 2009-G27, 2015-N01 & BOEM 2020-N01, giving Exploration Plan guidelines, Shell Offshore Inc. (Shell) requests your approval of this revised Exploration Plan to add Mississippi as contingency shore bases (Section 15). We are requesting Mississippi CZM concurrence with this revision. All other sections of Plan N-10214 remain as previously submitted.

If you have any questions or request additional information, please contact me at 504.425.4652 or tracy.albert@shell.com.

Sincerely,

A handwritten signature in blue ink, appearing to read "Tracy Albert", is located below the "Sincerely," text.

Tracy W. Albert
Sr. Regulatory Specialist

OCS PLAN INFORMATION FORM

General Information												
Type of OCS Plan:	X	Exploration Plan (EP)			Development Operations Coordination Document (DOCD)							
Company Name: Shell Offshore Inc.						BOEM Operator Number: 0689						
Address: 701 Poydras St., Room 2418						Contact Person: Tracy Albert						
New Orleans, LA 70131						Phone Number: 504.425.4652						
						Email Address: tracy.albert@shell.com						
If a service fee is required under 30 CFR 550.125(a) provide:												
Project and Worst-Case Discharge (WCD) Information												
Lease(s) OCS-G 37019				Area: WR			Block(s): 365			Project Name: Mollerussa		
Objectives(s):		X	Oil		Gas		Sulphur		Salt	Onshore Support Base(s) Fourchon & Houma, LA or Kiln & Gulfport, MS		
Platform/Well Name: AA					Total Volume of WCD: 197,823 BOPD				API Gravity: 31°			
Distance to Closest Land (Miles): 170					Volume from uncontrolled blowout: 4.95 MMBBL							
Have you previously provided information to verify the calculations and assumptions of your WCD?										Yes	X	No
If so, provide the Control Number of the EP or DOCD with which this information was provided										N/A		
Do you propose to use new or unusual technology to conduct your activities?										Yes	X	No
Do you propose to use a vessel with anchors to install or modify a structure?										Yes	X	No
Do you propose any facility that will serve as a host facility for Deepwater subsea development?										Yes	X	No
Description of Proposed Activities and Tentative Schedule (Mark all that apply)												
Proposed Activity					Start Date			End Date			No. of Days	
Exploratory drilling – All wells					June 2023			2028			225/yr	
Development drilling												
Well completion					Included above							
Well test flaring (for more than 48 hours)												
Installation or modification of structure												
Installation of production facilities												
Installation of subsea wellheads and/or dry hole tree					Included above							
Installation of lease term pipelines												
Commence production												
Other (Specify and attach description)												
Description of Drilling Rig					Description of Structure							
	Jackup	x	Drillship			Caisson			Tension Leg Platform			
	Gorilla Jackup		Platform rig			Fixed Platform			Compliant Tower			
	Semisubmersible		Submersible			Spar Other			Guyed tower			
x	DP Submersible		Other (attached description)			Floating production system			Other (attached description)			
Drilling Rig Name (If known): DW Proteus or similar, Development Driller III or Similar												
Description of Lease Term Pipelines												
From (Facility/Area/Block)			To (Facility/Area/Block)			Diameter (Inches)			Length (Feet)			
NA												

ONSHORE SUPPORT FACILITIES INFORMATION

A. General

Name	Location	Existing/New/Modified
Fourchon	Port Fourchon, LA	Existing
PHI Heliport	Houma, LA	Existing

The onshore support bases for water and air transportation will be the existing terminals in Galveston, Texas and Fourchon, Louisiana. The Fourchon boat facility is operated by Shell and is located on Bayou Lafourche, south of Leeville, LA approximately 3 miles from the Gulf of Mexico. The existing onshore air support base in Houma, LA is located at 3550 Taxi Rd., Houma, LA 70363.

However, in the event of an emergency or post-Hurricane events at the Louisiana onshore facilities, Shell is requesting to use the following onshore support facilities in Mississippi:

Name	Location	Existing/New/Modified
PHI	Kiln, MS	Existing
C-Logistics	Gulfport, MS	Existing

Aviation operations will take place at Stennis (HAS) Million Air 7250 Stennis Airport Rd, Kiln, MS 39556 and it is being operated by PHI. Our marine terminal is at Port of Gulfport at 1000 30th Ave in Gulfport, MS 39501 and it is being sourced and operated by C-Logistics LLC.

Once the Louisiana facilities resume normal operations, Shell will return to the Louisiana onshore bases.

B. Support Base Construction or Expansion

This does not apply to this EP as Shell does not plan to construct a new onshore support base or expand an existing one to accommodate the activities proposed in this EP.

C. Support Base Construction or Expansion Timetable

Since no onshore support base construction or expansion is planned for these activities, a timetable for land acquisition and construction or expansion is not applicable.

D. Waste Disposal

See Section 7, Tables 7A and 7B.

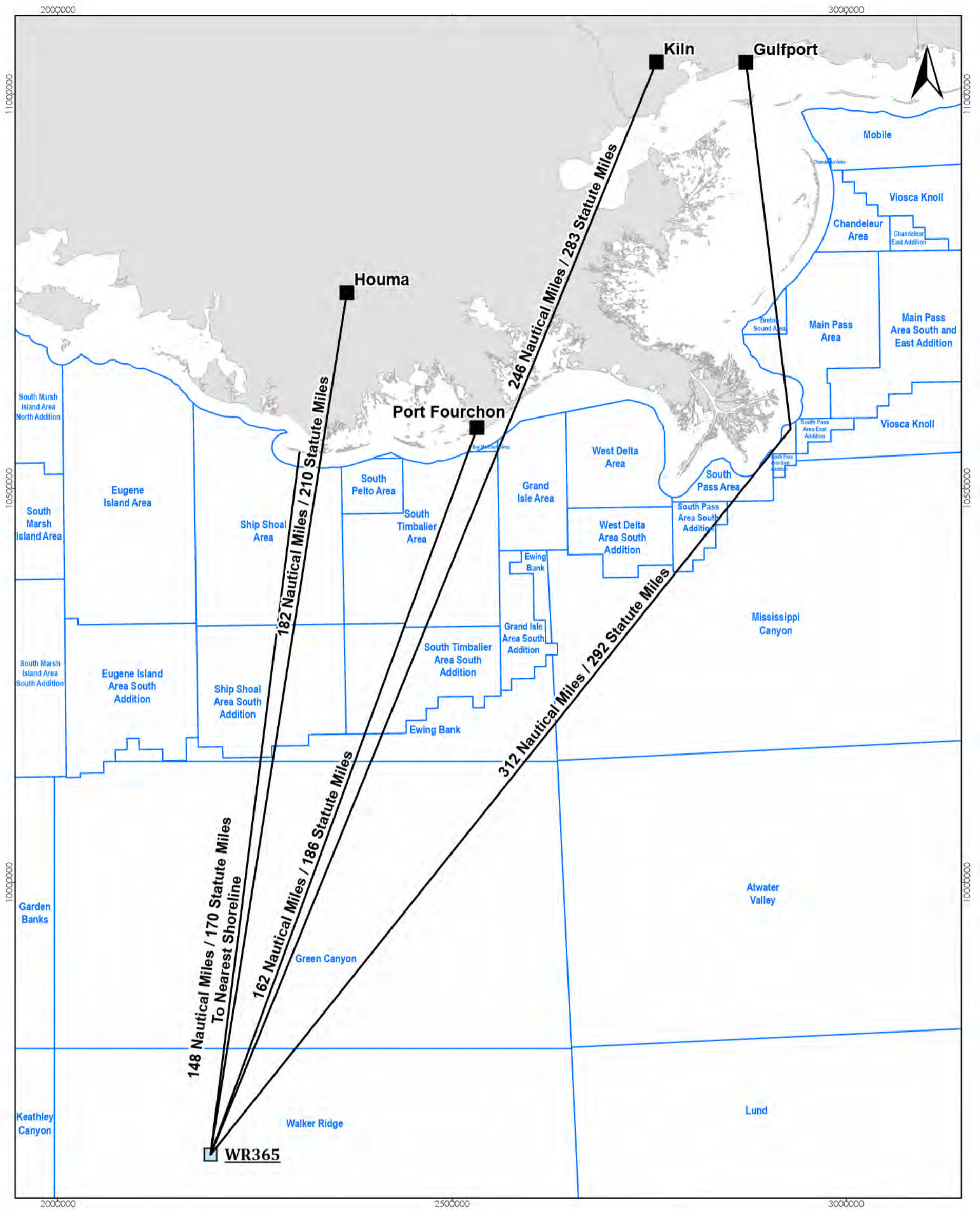
E. Air emissions

Not required by BOEM GoM.

F. Unusual solid and liquid wastes

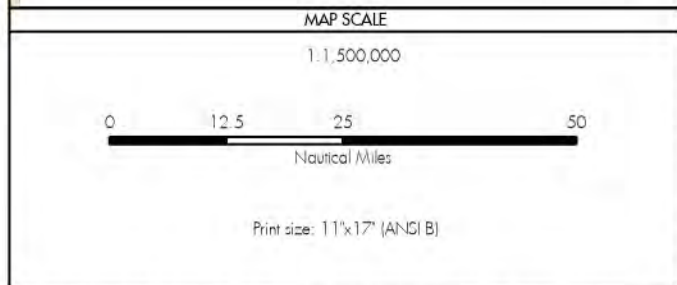
Not required by BOEM GoM.

Vicinity Map



MAP INFORMATION	
	Ports
	Vicinity Lines
	Protraction Area Boundaries
	Target Block
	Gulf of Mexico Blocks

SHELL EXPLORATION & PRODUCTION COMPANY	
RESTRICTED	
UA Geomatics	
Mollerussa (WR365)- Vicinity Approximate Distance Gulf of Mexico	
Walker Ridge Offshore Louisiana	
Author: Robert Heider	Date: 30 Jan 2023
Approved by: Janice Cooley	EP Num: EP202301202038



Horizontal Coordinate Reference System
 CRS name (ESRI): NAD 1927 BLM Zone 15N
 CRS name (Shell): NAD27/BLM zone 15N (FUS) [32065]
 CRS code (EPSG): 32065
 Datum: North American 1927
 Projection: Transverse Mercator
 Page units: Foot US

Vertical Coordinate Reference System
 Vertical datum: Mean Sea Level
 Elevation/Depth: Depth
 Vertical Unit: Foot US

NOTES

All shown distances are approximated from center point of Block WR365. Nearest shoreline location is determined by Near Analysis tool utilizing ESRI landmass vector file. All total distances are rounded to the nearest whole number.

This map has been prepared by Shell from a variety of sources both within Shell and third party information (ESRI, GOM3). The map may be subject to errors of judgement and/or opinion. Information from third party sources can not be confirmed or guaranteed by Shell.

MISSISSIPPI
COASTAL ZONE MANAGEMENT
CONSISTENCY CERTIFICATION

Exploration Plan
Type of Plan

Walker Ridge Block 365 – OCS-G 37019

The proposed activities described in detail in this Plan will comply with Mississippi's approved Coastal Resources Program and Coastal Area Management Program Policies.

We have considered all of Mississippi's Enforceable Policies in making this certification of consistency.

SHELL OFFSHORE INC.
Operator



Tracy Albert
Certifying Official

4/24/2023

Date

Coastal Zone Management Consistency Information For the State of Mississippi

Goal 1. To provide for reasonable industrial expansion in the Coastal Area and to ensure the efficient utilization of waterfront industrial sites so that suitable sites are conserved for the water dependent industry.

The proposed activities are located in OCS Federal Waters, Gulf of Mexico, approximately 170 miles from the nearest Louisiana shoreline. Shell will utilize existing facilities in Fourchon, Louisiana; therefore, there should not be any adverse impacts to the Mississippi coastal areas.

However, if the Louisiana onshore base is not available, Shell will utilize existing facilities in Gulfport, Mississippi. This facility is ~280 miles from the nearest Mississippi shoreline and there should not be any adverse impacts to the Mississippi coastal areas.

Goal 2. To favor the preservation of the coastal wetlands and ecosystems, except where a specific alternation of specific coastal wetlands would serve a higher public interest in compliance with the public purposes of the public trust in which the coastal wetlands are held.

The proposed activities are located in OCS Federal Waters, Gulf of Mexico, approximately 170 miles from the nearest Louisiana shoreline. Shell will utilize existing facilities in Fourchon, Louisiana; therefore, there should not be any adverse impacts to the Mississippi coastal areas.

However, if the Louisiana onshore base is not available, Shell will utilize existing facilities in Gulfport, Mississippi. This facility is ~280 miles from the nearest Mississippi shoreline and there should not be any adverse impacts to the Mississippi coastal areas.

Goal 3. To protect, propagate, and conserve the State's seafood and aquatic life in connection with the revitalization, and conserve the State's seafood and aquatic life in connection with the revitalization of the seafloor industry of the State of Mississippi.

The proposed activities are located in OCS Federal Waters, Gulf of Mexico, approximately 170 miles from the nearest Louisiana shoreline. Shell will utilize existing facilities in Fourchon, Louisiana; therefore, there should not be any adverse impacts to the Mississippi coastal areas.

However, if the Louisiana onshore base is not available, Shell will utilize existing facilities in Gulfport, Mississippi. This facility is ~280 miles from the nearest Mississippi shoreline and there should not be any adverse impacts to the Mississippi coastal areas.

Goal 4. To conserve the air and waters of the State, and to protect, maintain and improve the quality thereof for public use, for the prorogation of wildlife, fish and aquatic life, and for domestic, agricultural, industrial, recreational and other legitimate beneficial uses.

The proposed activities are located in OCS Federal Waters, Gulf of Mexico, approximately 170 miles from the nearest Louisiana shoreline. Shell will utilize existing facilities in Fourchon, Louisiana; therefore, there should not be any adverse impacts to the Mississippi coastal areas.

However, if the Louisiana onshore base is not available, Shell will utilize existing facilities in Gulfport, Mississippi. This facility is ~280 miles from the nearest Mississippi shoreline and there should not be any adverse impacts to the Mississippi coastal areas.

Goal 5. To put the benefit use to the fullest extent of which they are capable to water resources of the State, and to prevent the waste, unreasonable use, or unreasonable method of use of water.

The proposed activities are located in OCS Federal Waters, Gulf of Mexico, approximately 170 miles from the nearest Louisiana shoreline. Shell will utilize existing facilities in Fourchon, Louisiana; therefore, there should not be any adverse impacts to the Mississippi coastal areas.

However, if the Louisiana onshore base is not available, Shell will utilize existing facilities in Gulfport, Mississippi. This facility is ~280 miles from the nearest Mississippi shoreline and there should not be any adverse impacts to the Mississippi coastal areas.

Goal 6. To preserve the State's historical and archaeological resources, to prevent their destruction, and to enhance these resources whenever possible.

The proposed activities are located in OCS Federal Waters, Gulf of Mexico, approximately 170 miles from the nearest Louisiana shoreline. Shell will utilize existing facilities in Fourchon, Louisiana; therefore, there should not be any adverse impacts to the Mississippi coastal areas.

However, if the Louisiana onshore base is not available, Shell will utilize existing facilities in Gulfport, Mississippi. This facility is ~280 miles from the nearest Mississippi shoreline and there should not be any adverse impacts to the Mississippi coastal areas.

Goal 7. To encourage the preservation of natural scenic qualities in the coastal area.

The proposed activities are located in OCS Federal Waters, Gulf of Mexico, approximately 170 miles from the nearest Louisiana shoreline. Shell will utilize existing facilities in Fourchon, Louisiana; therefore, there should not be any adverse impacts to the Mississippi coastal areas.

However, if the Louisiana onshore base is not available, Shell will utilize existing facilities in Gulfport, Mississippi. This facility is ~280 miles from the nearest Mississippi shoreline and there should not be any adverse impacts to the Mississippi coastal areas.

Goal 8. To assist local government in the provision of public facilities services in a manner consistent with the coastal program.

The proposed activities are located in OCS Federal Waters, Gulf of Mexico, approximately 170 miles from the nearest Louisiana shoreline. Shell will utilize existing facilities in Fourchon, Louisiana; therefore, there should not be any adverse impacts to the Mississippi coastal areas.

However, if the Louisiana onshore base is not available, Shell will utilize existing facilities in Gulfport, Mississippi. This facility is ~280 miles from the nearest Mississippi shoreline and there should not be any adverse impacts to the Mississippi coastal areas.