



# United States Department of the Interior

## BUREAU OF OCEAN ENERGY MANAGEMENT

Gulf of Mexico OCS Region  
1201 Elmwood Park Boulevard  
New Orleans, LA 70123-2394

In Reply Refer To: GM 235D

February 19, 2021

Ms. Susan Alonso  
Cantium, LLC  
111 Park Place Drive  
Suite 100  
Covington, Louisiana 70433

Dear Ms. Alonso,

Reference is made to the following plan:

Control No. S-8032  
Type Supplemental Development Operations Coordination Document  
Received October 19, 2020, amended November 24, 2020  
Lease(s) OCS 00379, Block 59, Main Pass Area (MP)  
OCS-G 03194, Block 59, Main Pass Area (MP)  
OCS-G 08461, Block 59, Main Pass Area (MP)

The Minerals Management Service Main Pass Area, Block 059 Unit(s) Agreement Number is 754300007.

You are hereby notified that the approval of the subject plan has been granted as of February 19, 2021, in accordance with 30 CFR 550.270(b)(1).

This approval includes the activities proposed for the below listed wells and revised of air emissions for the below listed platforms.

Well	Area and Block	Lease No.
A018	MP 59	OCS- 00379
I003	MP 59	OCS- 00379
A020	MP 59	OCS-G 03194
A021	MP 59	OCS-G 03194
A021ALT	MP 59	OCS-G 08461

Structure	Area and Block	Complex ID	Lease No.
A	MP 59	22603-1	OCS-G 03194
I	MP 59	2400-1	OCS-G 03194

In accordance with 30 CFR 556.901(d), additional security may be required for your proposed activities. Prior to conducting activities in which you need to obtain approvals and/or permits described in 30 CFR 550.281(a) from the appropriate District Manager or BSEE Regional Supervisor, you must contact BOEM Risk Management Operations Group by email at [boermog@boem.gov](mailto:boermog@boem.gov) to determine if additional security is required and comply with any demand for this security.

The projected NO<sub>x</sub> emissions amounts in your plan were calculated using historic fuel consumption rates. Maintain monthly records of the total annual fuel consumption for the drilling rig only with a limit of 333,880 gallons/year and provide the information to the BOEM Regional Supervisor, Office of Leasing and Plans, Plans Section (GM 235D) annually by February 1st of each year, beginning in the year 2022. If no activities were conducted during a calendar year, provide a statement to that effect in lieu of the required records. If at any time during your activities these records indicate that your NO<sub>x</sub> annual emissions may exceed the annual limit approved in your plan or the total annual fuel consumption limit, you must immediately prepare a revised plan pursuant to 30 CFR 550.283 to include the recalculated emissions amounts. You will not proceed with the actions that could cause the potential annual increase in emissions until the revised plan has been submitted to and approved by BOEM.

Exercise caution while drilling due to indications of shallow gas, faulting, and possible water flow.

In response to the request accompanying your plan for a hydrogen sulfide (H<sub>2</sub>S) classification, the area in which the proposed drilling operations are to be conducted is hereby classified, in accordance with 30 CFR 250.490(c), as "H<sub>2</sub>S absent."

You must comply with the following species protective measures in all activities conducted pursuant to the plan:

- **COMPLIANCE WITH BIOLOGICAL OPINION TERMS AND CONDITIONS AND REASONABLE AND PRUDENT MEASURES:** This approval is conditioned upon compliance with the Reasonable and Prudent Measures and implementing Terms and Conditions of the Biological Opinion issued by the National Marine Fisheries Service (NMFS) on March 13, 2020. This includes mitigation, particularly any appendices to Terms and Conditions applicable to the plan, as well as record-keeping and reporting sufficient to allow BOEM and BSEE to comply with reporting and monitoring requirements under the Biological Opinion; and any additional reporting required by BOEM or BSEE developed as a result of Biological Opinion implementation. The NMFS Biological Opinion may be found here: <https://www.fisheries.noaa.gov/resource/document/biological-opinion-federally-regulated-oil-and-gas-program-activities-gulf-mexico>. The Appendices and protocols may be found here: <https://www.fisheries.noaa.gov/resource/document/appendices-biological-opinion-federally-regulated-oil-and-gas-program-gulf-mexico>.
- **SUPPORT BASES AND VESSEL TRANSIT ROUTES:** Approval of your plan is conditioned upon your use of the support bases and vessel transit routes as described in your plan. BOEM/BSEE must be notified at least 15 days prior to any vessel route

changes that require transit of the Bryde's Whale area, and you must receive prior approval for that transit from BOEM/BSEE.

- **MARINE TRASH AND DEBRIS AWARENESS AND ELIMINATION:** The applicant will follow the guidance provided under Appendix B. Gulf of Mexico Marine Trash and Debris Awareness and Elimination Survey Protocols found in the Biological Opinion issued by the NMFS on March 13, 2020. The guidance can be accessed on the National Oceanic and Atmospheric Administration (NOAA) Fisheries internet website at <https://www.fisheries.noaa.gov/resource/document/appendices-biological-opinion-federally-regulated-oil-and-gas-program-gulf-mexico>.
- **VESSEL-STRIKE AVOIDANCE/REPORTING:** The applicant will follow the guidance provided under Appendix C. Gulf of Mexico Vessel Strike Avoidance and Injured/Dead Aquatic Protected Species Reporting Protocols found in the Biological Opinion issued by the NMFS on March 13, 2020. The guidance can be accessed on the NOAA Fisheries internet site at <https://www.fisheries.noaa.gov/resource/document/appendices-biological-opinion-federally-regulated-oil-and-gas-program-gulf-mexico>.
- **SEISMIC SURVEY OPERATION, MONITORING, AND REPORTING GUIDELINES:** The applicant will follow the guidance provided under Appendix A. Seismic Survey Mitigation and Protected Species Observer Protocols found in the Biological Opinion issued by the NMFS on March 13, 2020. The guidance can be accessed on the NOAA Fisheries internet site at <https://www.fisheries.noaa.gov/resource/document/appendices-biological-opinion-federally-regulated-oil-and-gas-program-gulf-mexico>.
- **SEA TURTLE RESUSCITATION GUIDELINES:** The applicant will follow the guidance provided under Appendix J. Sea Turtle Handling and Resuscitation Guidelines found in the Biological Opinion issued by the NMFS on March 13, 2020. The guidance can be accessed on the NOAA Fisheries internet site at <https://www.fisheries.noaa.gov/resource/document/appendices-biological-opinion-federally-regulated-oil-and-gas-program-gulf-mexico>.
- **SLACK-LINE PRECAUTIONS AND REPORTING REQUIREMENT:** If operations require the use of flexible, small diameter (<1 inch) nylon, plastic, or fiber lines to support operations (with or without divers), operators and contractors must reduce the slack in the line to prevent accidental entanglement of Endangered Species Act (ESA) listed species. The following measures are required (noting that diver safety is paramount, and the following measures should be followed only in cases where they do not jeopardize human safety).
  - Operators must utilize tensioning tools and/or other appropriate procedures to reduce unnecessary looseness in the lines and/or potential looping.
  - The lines must remain taut.
  - A line tender must be present at all times during dive operations and must monitor the line(s) the entire time a diver is in the water
  - Should the line tender and/or diver become aware of any ESA listed species entanglement, the following protocols must be followed as soon as safety permits.

Should an ESA listed species interaction resulting in entanglement, entrapment and/or injury occur, the interaction must be reported immediately or after diver safety (if present) is ensured.

For assistance with marine mammals contact the number(s) below:

<b>Marine Mammals</b>	
<b>State Stranding Network</b>	<b>Telephone</b>
Texas	(800) 962-6625
Louisiana	(504) 235-3005
Mississippi	(888) 767-3657
Alabama	(877) 942-5343
Florida	(888) 404-3922

\* Note: If you do not receive a response, go to the following website to ensure the listed number is correct:

<https://www.fisheries.noaa.gov/report>.

For assistance with sea turtles contact the number(s) below:

<b>Sea Turtles</b>	
<b>State Stranding Network</b>	<b>Telephone</b>
Texas	(361) 949-8173 x 226
Louisiana	(844) 732-8785
Mississippi	(228) 369-4796
Alabama	(866) 732-8878
Florida	(888) 404-3922

\* Note: If you do not receive a response, go to the following website to ensure the listed number is correct:

<https://www.fisheries.noaa.gov/report>.

Assistance with other ESA listed species (e.g., giant manta ray, oceanic whitetip shark, or Gulf sturgeon) should contact the ESA section 7 biologist at (301) 427-8413 ([nmfs.psoreview@noaa.gov](mailto:nmfs.psoreview@noaa.gov)) and report all incidents to [takereport.nmfsser@noaa.gov](mailto:takereport.nmfsser@noaa.gov).

After the appropriate stranding networks have been contacted for assistance, you may call BSEE at (985) 722-7902 for questions or additional guidance on recovery assistance needs (if still required), continued monitoring requirements, and incidental report information which at minimum is detailed below.

Within 24 hours of any event or observation, notify NMFS at [nmfs.psoreview@noaa.gov](mailto:nmfs.psoreview@noaa.gov) and BSEE at [protectedspecies@bsee.gov](mailto:protectedspecies@bsee.gov) with the following information:

1. Time, date, water depth, and location (latitude/longitude) of the first discovery of the interaction;
2. Name, type, and call sign of the vessel (or platform) in which the event occurred;
3. Species identification (if known) or description of the animal involved;
4. Condition of the animal during the event;
5. Photographs or video footage of the animal;

6. Stranding network line that was contacted for assistance; and
7. General narrative and timeline describing the events that took place.

These measures are designed to promote environmental protection, consistent environmental policy, compliance with environmental laws, and safety.

If you have any questions or comments concerning this approval, please contact Ronald O'Connor at (504)736-2889.

Sincerely,

for Bernadette Thomas  
Regional Supervisor  
Office of Leasing and Plans