



# 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

August 22, 2018

Mr. J. Keith Couvillion  
Chevron U.S.A. Inc.  
1500 Louisiana Street  
Houston, Texas 77002

Dear Mr. Couvillion,

Reference is made to the following plan:

Control No.	S-7903
Type	Supplemental Exploration Plan
Received	June 29, 2018
Lease(s)	OCS-G 34451, Block 607, Mississippi Canyon Area (MC) OCS-G 34454, Block 651, Mississippi Canyon Area (MC)

You are hereby notified that the approval of the subject plan has been granted as of August 22, 2018, in accordance with 30 CFR 550.233(b)(1).

This approval includes the proposed activities for Subsea Wells C, C1, D, E, F, and G in MC Block 607 and Subsea Wells RW2 and RW4 in MC Block 651.

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 [boemrmog@boem.gov](mailto:boemrmog@boem.gov) to determine if additional security is required and comply with any demand for this security.

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 present." Accordingly, comply with the appropriate requirements of 30 CFR 250.490.

Your plan indicates that you anticipate hydrogen sulfide (H<sub>2</sub>S) at a concentration of approximately 15-40 parts per million (ppm). Should you actually encounter H<sub>2</sub>S at a concentration greater than 500 ppm, revise your plan in accordance with 30 CFR 550.285 to include toxic modeling and an analysis of any potential environmental impacts. Contact Dr. Chester Huang, Office of Environment, at (504) 736-3248 to obtain the methodology for modeling an H<sub>2</sub>S plume. You must receive approval of the revised plan before additional permits filed under your plan will be approved.

Exercise caution while drilling due to indications of shallow gas and possible water flow and abnormal pressure zone.

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

- BOEM Notice to Lessees and Operators (NTL) No. 2016-G01, "Vessel Strike Avoidance and Injured/Dead Protected Species Reporting" (available at <http://www.boem.gov/BOEM-NTL-No-2016-G01>);
- BOEM NTL No. 2016-G02, "Implementation of Seismic Survey Mitigation Measures and Protected Species Observer Program" (available at <http://www.boem.gov/BOEM-NTL-2016-G02>); and
- BSEE NTL No. 2015-G03, "Marine Trash and Debris Awareness and Elimination" (available at <https://www.bsee.gov/sites/bsee.gov/files/notices-to-lessees-ntl/alerts/ntl-2015-g03.pdf>)

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 Leslie Wilson at (504)736-2588.

Sincerely,

**MICHELLE  
PICOU**

Digitally signed by  
MICHELLE PICOU  
Date: 2018.08.22  
16:23:07 -05'00'

for Bernadette Thomas  
Acting Regional Supervisor  
Office of Leasing and Plans