



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

July 21, 2017

Ms. Aimee Deady
Arena Offshore, LP
4200 Research Forest Drive
Suite 230
The Woodlands, Texas 77381

Dear Ms. Deady,

Reference is made to the following plan:

Control	N-09976
Type	Initial Development Operations Coordination Document
Received	March 14, 2017, amended April 11, 2017
Lease(s)	OCS-G 33607, Block 341, Vermilion Area (VR) OCS-G 33608, Block 342, Vermilion Area (VR) OCS-G 34259, Block 325, Vermilion Area (VR)

You are hereby notified that the approval of the subject plan has been granted as of July 21, 2017, in accordance with 30 CFR 550.270 (b) (1).

This approval includes the proposed activities for Well A006 in VR Block 325, the sidetrack drilling of Well A002 in VR Block 341, and the revision of air emissions for Platform A (Complex ID 2479) in VR Block 342.

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 to determine if additional security is required and comply with any demand for this security.

The projected NO_x emissions amounts in your plan were calculated using historic run times. Maintain monthly records of the total annual run times for the less than 600 horsepower reciprocating engine with a limit of 84 hours per year for the year 2017 and 208 hours per year for the years 2018 through 2026, 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 2018. 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_x annual emissions may exceed the annual limit approved in your plan or the total annual run time 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.

In response to the request accompanying your plan for a hydrogen sulfide (H₂S) 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 "H₂S absent."

Exercise caution while drilling due to indications of shallow gas.

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 Madonna Montz at (504)736-7532.

Sincerely,

**MICHELLE
PICOU** Digitally signed by
MICHELLE PICOU
Date: 2017.07.21
13:46:32 -05'00'

for Jaron E. Ming
Regional Supervisor
Leasing and Plans