

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF OCEAN ENERGY MANAGEMENT**

Atlantic OCS Region

(Insert Appropriate Regional Office)

GOM OCS REGION, BOEM
FEB 20 2018
New Orleans, LA
RESOURCE EVALUATION

**APPLICATION FOR PERMIT TO CONDUCT GEOLOGICAL OR GEOPHYSICAL
EXPLORATION FOR MINERAL RESOURCES OR SCIENTIFIC RESEARCH ON
THE OUTER CONTINENTAL SHELF**

(Section 11, Outer Continental Shelf Lands Act of August 7, 1953, as amended on September 18, 1978, by Public Law 95-372, 92 Statute 629, 43 U.S.C. 1340; and 30 CFR Parts 551 and 251)

ABI Holdings Limited (Austin Exploration)

Name of Applicant

10333 Westoffice Drive

Number and Street

Houston Texas, 77042

City, State, and Zip Code

Application is made for the following activity: (check one)

Geological exploration for mineral resources

Geological scientific research

Geophysical exploration for mineral resources

Geophysical scientific research

Submit: Original plus three copies, totaling four copies, which include one digital copy, and one public information copy.

To be completed by BOEM

Permit Number:

E18-001

Date:

21-Feb-2018

A. General Information

1. The activity will be conducted by:

ABI Holdings Limited

Service Company Name

26 Linford Forum, Rockingham Drive

Address

Milton Keynes, MK14 6LY UK.

City, State, Zip

+441980 667014/ +441908661338

Telephone/FAX Numbers

d.bolger@austinbridgeporth.com

E-Mail Address

For ABI Holdings Limited (Austin Exploration)

Purchaser(s) of the Data

10333 Westoffice Drive

Address

Houston, TX. 77042 USA

City, State, Zip

713-780-7141/ 713-780-3118

Telephone/FAX Numbers

d.richardson@austinbridgeporth.com

E-Mail Address

2. The purpose of the activity is: Mineral exploration
 Scientific research

3. Describe your proposed survey activities (i.e., vessel use, benthic impacts, acoustic sources, etc.) and describe the environmental effects of the proposed activity, including potential adverse effects on marine life. Describe what steps are planned to minimize these adverse effects (mitigation measures). For example: 1) Potential Effect: Excessive sound level Mitigation; Soft Start, Protected Species Observers (PSO's), mammal exclusion zone or 2) Potential Effect: Bottom disturbance; Mitigation: ROV deployment/retrieval of bottom nodes) (use continuation sheets as necessary or provide a separate attachment):

Airborne Gravity Gradiometry and Magnetic data survey. All recording is passive.

Data will be acquired at a height of ~600ft ASL. Lines spaced 4-20 miles apart.

4. The expected commencement date is: April 2018

The expected completion date is: April 2019

5. The name of the individual(s) in charge of the field operation is:

David Bolger

May be contacted at:

10333 Westoffice Drive, Houston TX 77042

Telephone (Local) 713-780-7141 (Marine) _____

Email Address: d.bolger@austinbridgeporth.com

6. The vessel(s) to be used in the operation is (are):

| Vessel Name (s) | Registry Number(s) | Radio Call Sign(s) | Registered Owner(s) |
|-------------------------|--------------------|--------------------|---------------------|
| De Havilland Twin Otter | N162DE | | Rampart Aviation |
| | | | |
| | | | |

7. The port from which the vessel(s) will operate is: Various along the length of the program

8. Briefly describe the navigation system (vessel navigation only):

GPS, Radar Altimeter

B. Complete for Geological Exploration for Mineral Resources or Geological Scientific Research

1. The type of operation(s) to be employed is: (check one)

- a. _____ Deep stratigraphic test, or
- b. _____ Shallow stratigraphic test with proposed total depth of _____, or
- c. _____ Other _____

2. Attach a page-size plat showing: 1) The generalized proposed location for each test, where appropriate, a polygon enclosing the test sites may be used, 2) BOEM protraction areas; coastline; point of reference; 3) Distance and direction from a point of reference to area of Activity; 4) Label as "**Public Information.**"

C. Complete for Geophysical Exploration for Mineral Resources or Geophysical Scientific Research

1. The proposed operation: _____
a. Acquisition method (OBN, OBC, Streamer): Airborne
b. Type of acquisition: (High Resolution Seismic, 2D Seismic, 3D Seismic, gravity, magnetic, CSEM, etc.)
eFTG, FTG, Gravity, Magnetic

2. Attach a page-size plat showing:
a. The generalized proposed location of the activity with a representative polygon,
b. BOEM protraction areas; coastline; point of reference,
c. Distance and direction from a point of reference to area of activity, and
d. Label as "**Public Information.**"

3. List all energy source types to be used in the operation(s): (Air gun, air gun array(s), sub-bottom profiler, sparker, towed dipole, side scan sonar, etc.).

Passive data collection only. No energy sources are to be used.

4. Explosive charges will ___ will not X be used. If applicable, indicate the type of Explosive and maximum charge size (in pounds) to be used: NA

Type NA Pounds NA Equivalent Pounds of TNT NA

D. Proprietary Information Attachments

Use the appropriate form on page 9 for a "geological" permit application or the form on page 11 for a "geophysical" permit application. You must submit a separate Form BOEM-0327 to apply for each geological or geophysical permit.

E. Certification

I hereby certify that foregoing and attached information are true and correct.

Print Name: Derric Richardson

SIGNED *D Richardson* DATE Feb 07, 2018

TITLE North American Business Development Manager

COMPANY NAME: Austinbridgeporth

TO BE COMPLETED BY BOEM

Permit No. E18-001 Assigned by *Terece C. Campbell* Date 21 Feb 2018
of BOEM

This application is hereby:

- a. X Accepted
- b. ___ Returned for reasons in the attached

SIGNED *Donald M. Madef* TITLE *for* Regional Supervisor DATE 2/21/18

