

Commonwealth of Pennsylvania  
Department of Conservation and Natural Resources  
Bureau of Forestry, Minerals Division  
P.O. Box 8552  
Harrisburg, PA 17105-8552

**STREAMBED TRACT NO. 1021**

CONTRACT NO.  
M-1101021-20

**SECOND AMENDMENT TO**  
**OIL AND GAS LEASE AND UNITIZATION AGREEMENT NONDEVELOPMENT**  
**STATE RIVER TRACT 1021**

This Second Amendment to Oil and Gas Lease and Unitization Agreement Nondevelopment State River Tract 1021 (“Second Amendment”), is made this 14<sup>th</sup> day of June, 2023, with an effective date of 3<sup>rd</sup> day of November, 2023 (“Effective Date”), by and between the COMMONWEALTH OF PENNSYLVANIA (“Commonwealth”), acting through the DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES (“Department”), and CHESAPEAKE APPALACHIA, L.L.C., an Oklahoma limited liability company with its principle place of business at P.O. Box 18496, Oklahoma City, Oklahoma 73154-0496 (“Chesapeake”), EQUINOR USA ONSHORE PROPERTIES INC., with its principle place of business at 2107 City West Boulevard, Suite 100, Houston, TX 77042 (“Equinor”), EQT AMD LLC, with its principle place of business at 625 Liberty Avenue, Suite 1700, Pittsburgh, PA 15222 (“EQT”), and MITSUI E&P USA LLC, with its principle place of business at 1300 Post Oak Boulevard, Suite 1800, Houston, TX 77055 (“Mitsui”), and authorized to do business within the Commonwealth of Pennsylvania (collectively “Lessee”).

**WITNESSETH:**

**WHEREAS**, on May 3, 2010, the Department, as Lessor, entered into an Oil and Gas Lease and Unitization Agreement Nondevelopment State River Tract 1021 for approximately 1,538 acres of the publicly owned streambed of the Susquehanna River located in Bradford County, Contract No. M-1101021-20 (“Lease”), with the Lessee by virtue of its authority under Section 302(a)(13) of the Conservation and Natural Resources Act, Act of June 28, 1995, P.L. 89, No. 18, 71 P.S. §§ 1340.101, *et seq.*, 71 P.S. § 1340.302(a)(13);

**WHEREAS**, on June 29, 2022, the Department and Lessee entered into an Agreement of Consent to Assignment where Chesapeake partially assigned oil and gas leasehold rights to EQT, Equinor, and Mitsui;

**WHEREAS**, on June 29, 2022, the Department and Lessee entered into a First Amendment to Oil and Gas Lease and Unitization Agreement Nondevelopment State River Tract 1021 (“First Amendment”); and

**WHEREAS**, the Department and Lessee desire to correct the boundary of the leased premises through this Second Amendment.

**NOW THEREFORE**, intending to be legally bound, and incorporating the above recitals as if fully set forth in the terms and conditions of this Lease, the parties hereby agree as follows:

**FIRST**, "Exhibit A" in the Lease is removed and replaced with "Second Amendment Exhibit A" which is attached hereto and made a part hereof.

**SECOND**, "Exhibit B" in the Lease is removed and replaced with "Second Amendment Exhibit B", which is attached hereto and made a part hereof.

**THIRD**, paragraph 1.02 shall be added to the Lease with the following language:

**1.02** The Lease does not grant any right to withdraw water from or otherwise use the surface of the leased premises; nor does the Lease grant any natural gas storage rights, or rights to minerals other than the oil, natural gas and liquid hydrocarbons encountered.

**FOURTH**, paragraph 39.01 of the First Amendment shall be removed and replaced with the following language:

**39.01** Except as set forth in this Second Amendment, any terms not changed in the Lease and First Amendment shall remain in fully force and effect.

*The remainder of this page is left intentional blank.*

IN WITNESS WHEREOF, the Department and the Lessee have caused this Amendment to be duly executed by their proper officers, all hereunto duly authorized, on the date first above written.

CHESAPEAKE APPALACHIA, L.L.C.

*lm*

(Principal Name)

By: (Signature)

*Julie Woodard*

Name: Julie Woodard (Print or Typed)

Attorney-In-Fact for Chesapeake Energy Corporation, Title: Manager of Chesapeake Appalachia, L.L.C. (Member or Manager)

*JMK*

Federal Identification No.: \_\_\_\_\_

**ACKNOWLEDGMENT**

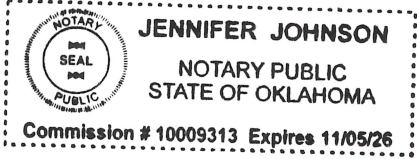
STATE OF Oklahoma, :  
: ss.  
COUNTY OF Oklahoma :

On this, the 14<sup>th</sup> day of June, 2023, before me, the undersigned officer, personally appeared Julie Woodard, known to me or satisfactorily proven to be the person whose name is subscribed to the foregoing instrument, acknowledged that s/he, being authorized to do so, executed this instrument in her/his capacity as Attorney-In-Fact of Chesapeake Energy Corporation, Manger of Chesapeake Appalachia, L.L.C., and that the same was executed for the purposes contained therein as the act and deed of said company.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

*Jennifer Johnson*  
Notary Public

My Commission Expires:





EQT AMD LLC

By: \_\_\_\_\_  
(Signature)

*[Handwritten Signature]*

Name: Corey C. Peck  
(Print or Typed)

Title: Authorized Agent  
(Member or Manager)

Federal Identification No.: \_\_\_\_\_

**ACKNOWLEDGMENT**

**COMMONWEALTH**  
**STATE OF PENNSYLVANIA**, :

**COUNTY OF WASHINGTON** :

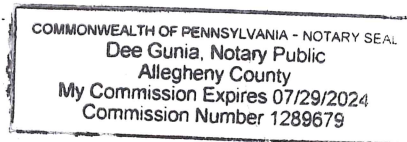
:  
: ss.  
:

On this, the 20 day of June, 2023, before me, the undersigned officer, personally appeared Corey C. Peck, known to me or satisfactorily proven to be the person whose name is subscribed to the foregoing instrument, acknowledged that s/he, being authorized to do so, executed this instrument in her/his capacity as Authorized Agent of EQT AMD LLC, and that the same was executed for the purposes contained therein as the act and deed of said company.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

*[Handwritten Signature]*  
\_\_\_\_\_  
Notary Public

My Commission Expires: 7/29/2024





MITSUI E&P USA LLC

By: [Signature] JO  
(Signature)

Name: Katie LaRue  
(Print or Typed) **Land Manager**

Title: \_\_\_\_\_  
(Member or Manager)

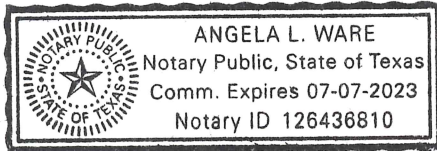
Federal Identification No.: 80-0544226

**ACKNOWLEDGMENT**

STATE OF Texas,  
COUNTY OF Harris :  
: ss.  
:

On this, the 27th day of June, 2023, before me, the undersigned officer, personally appeared Katie LaRue, known to me or satisfactorily proven to be the person whose name is subscribed to the foregoing instrument, acknowledged that s/he, being authorized to do so, executed this instrument in her/his capacity as Manager Land of Mitsui E&P USA LLC, and that the same was executed for the purposes contained therein as the act and deed of said company.


IN WITNESS WHEREOF, I hereunto set my hand and official seal.



[Signature]  
Notary Public

My Commission Expires: 07-07-2023

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF CONSERVATION AND  
NATURAL RESOURCES**


  
John W. Norbeck  
Deputy Secretary for Parks and Forestry

**ACKNOWLEDGMENT**

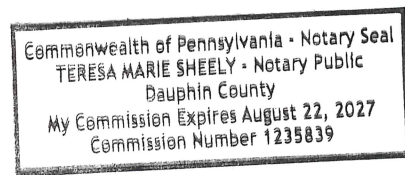
**COMMONWEALTH OF PENNSYLVANIA** :  
: **ss.**  
**COUNTY OF DAUPHIN** :

On this, the 18 day of August, 2023, before me, the undersigned officer, personally appeared John W. Norbeck, Deputy Secretary for Parks and Forestry, Commonwealth of Pennsylvania, Department of Conservation and Natural Resources, known to me or satisfactorily proven to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed the same in the capacity therein stated and for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

  
\_\_\_\_\_  
Notary Public

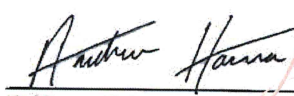
My Commission Expires: 8/22/27

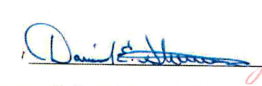


**APPROVED AS TO LEGALITY AND FORM:**



Chief/Assistant Counsel  
Department of Conservation and Natural Resources

 2023.10.02  
16:37:57 -04'00'  
Office of General Counsel

 Digitally signed by David E. Stover,  
Assistant Chief Deputy Attorney  
General  
Date: 2023.11.03 13:53:28 -04'00'

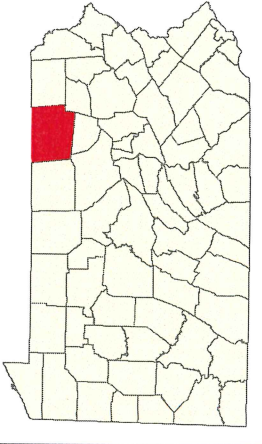
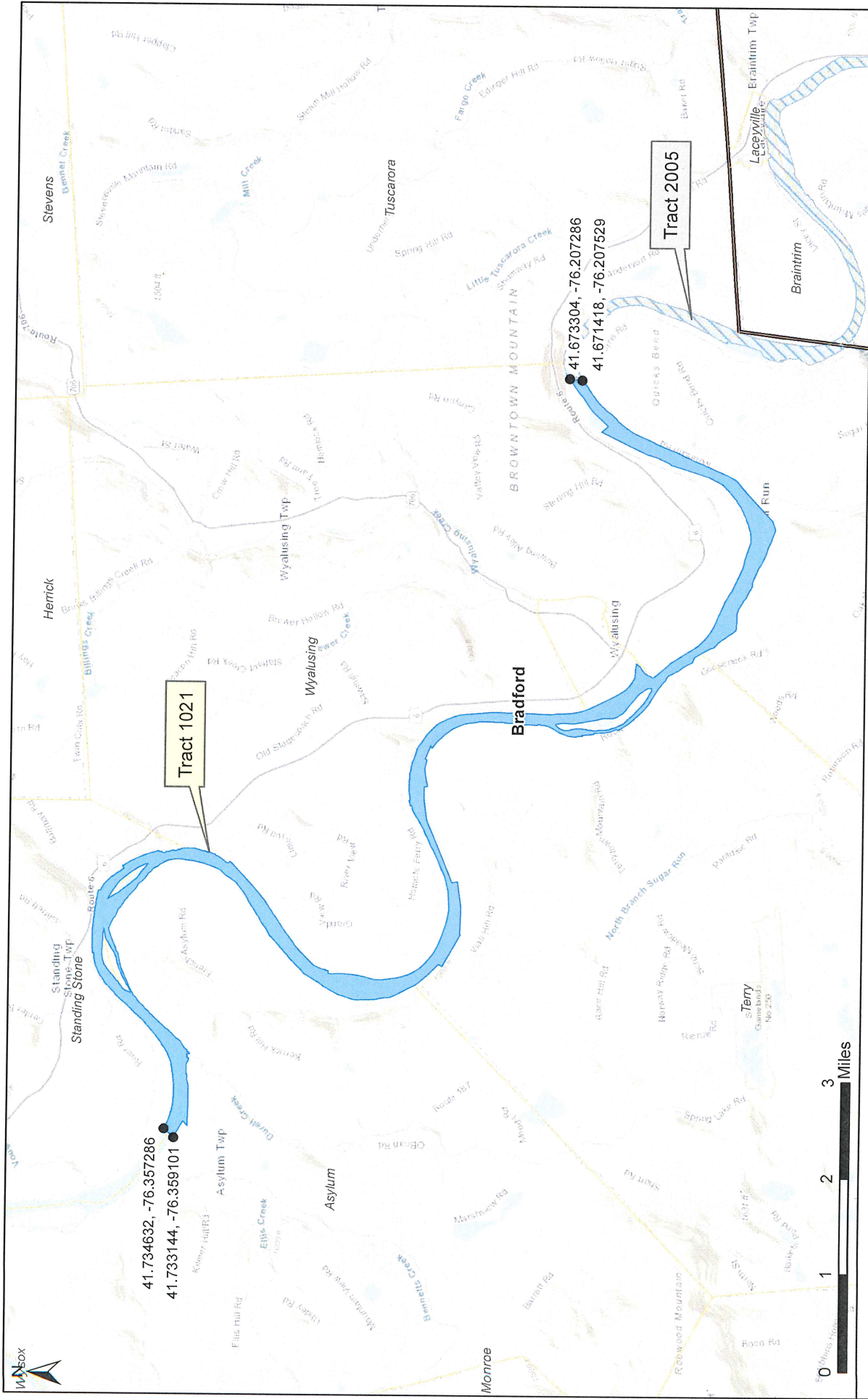
Office of Attorney General

APPROVED:



GOVERNOR OF PENNSYLVANIA





- Bounding Coordinates
- Leased Premises
- PA Municipalities
- PA Counties

**Second Amendment Exhibit A**  
**State River Tract 1021**  
**Susquehanna River**  
**Contract No. M-1101021-20**  
**Total Lease Area: 1,538 Acres**



Coordinate System: NAD 1983 Lambert Conformal Conic  
 Projection: Lambert Conformal Conic

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES**

**SECOND AMENDMENT EXHIBIT "B"**

**DESCRIPTION OF LEASED PREMISES FOR TRACT 1021**

Attached to and made a part of that certain Second Amendment to Oil and Gas Lease and Unitization Agreement Nondevelopment State River Tract 1021, Contract No. M-1101021-20, by and between: **COMMONWEALTH OF PENNSYLVANIA**, Lessor, **CHESAPEAKE APPALACHIA L.L.C., EQT AMD LLC, MITSUI E&P USA LLC, and EQUINOR USA ONSHORE PROPERTIES, INC.**, Lessee.

The following parcel contain approximately 1,538 acres of submerged lands lying within the bed of Susquehanna River between the ordinary low water marks in Bradford County, Pennsylvania bounded and described as follows:

Leased Premises

Beginning at a point on the east bank of Susquehanna River, in Standing Stone Township, Bradford County, (approximate latitude 41.734632, longitude -76.357286); thence crossing the river to a point on the west bank of Susquehanna River in Asylum Township, Bradford County (approximate latitude 41.733144, longitude -76.359101); thence continuing south along the west bank of the Susquehanna River to a point in Wilmot Township, Bradford County (approximate latitude 41.671418, longitude -76.207529); thence crossing Susquehanna River to a point on the east bank of Susquehanna River located in Wyalusing Township, Bradford County (latitude 41.673304, longitude -76.207286); thence continuing north along the east bank of Susquehanna River, to the place of beginning, containing approximately 1,538 acres, LESS AND EXCEPT the following described river islands location within the river tract:

Property Tax Parcel Identification Number: 46-114-28-1  
Record Owner: Commonwealth of Pennsylvania Game Commission  
Acres: 46.83  
Township/County: Terry Township, Bradford County, PA

Property Tax Parcel Identification Number: 4-88-2  
Record Owner: Commonwealth of Pennsylvania Game Commission  
Acres: 22.34  
Township/County: Asylum Township, Bradford County, PA