



Ohio Department of Natural Resources

MIKE DEWINE, GOVERNOR

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Eric Vendel, Chief

Division of Oil and Gas Resources Management
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ORDER BY THE CHIEF

December 7, 2020

ORDER NO. 2020-271

**TO: Ascent Resources - Utica, LLC
P.O. Box 13678
Oklahoma City, OK 73113**

**RE: Application for Unitization
Dwayne GRN HR Unit
Harrison and Jefferson Counties, Ohio**

**SUBJECT: Order for Unit Operations of the Utica/Point Pleasant Formations for the
Dwayne GRN HR Unit**

Pursuant to Ohio Revised Code ("R.C.") § 1509.28, the Chief of the Division of Oil and Gas Resources Management ("Chief" or "Division") makes the following Findings and issues the following Order with respect to Ascent Resources - Utica, LLC's ("Ascent") Application for Unit Operations for the Dwayne GRN HR Unit:

DEFINITIONS:

As used in this order:

- 1) "Person" has the same meaning as in R.C. § 1509.01.
- 2) "Application" means the application of Ascent Resources - Utica, LLC for Unit Operation of the Dwayne GRN HR Unit dated July 30, 2020, consisting of a minimum of a Unit Agreement, Model Form Operating Agreement, relevant exhibits, and pre-filed testimony from a geologist, a reservoir engineer, and a landman, and includes all updates, amendments, and supplements to it.
- 3) "Royalty interest owner" means a person or the estate of a person, other than a working interest owner, who owns the right to or interest in any portion of the oil and/or gas, or proceeds from the sale thereof, from a tract.

- 4) "Working interest" means an interest in oil and/or gas in the unit area by virtue of a lease, operating agreement, fee title, or otherwise, including a carried interest, the owner of which is obligated to pay, either in cash or out of production or otherwise a portion of the unit expense.
- 5) "Working interest owner" means a person or the estate of a person who owns an interest in oil and/or gas in the unit area by virtue of a lease, operating agreement, fee title, or otherwise, including a carried interest, the owner of which is obligated to pay, either in cash or out of production or otherwise a portion of the unit expense. "Working interest owner" does not include an unleased mineral owner.
- 6) "Unleased mineral owner" means a royalty interest owner who owns oil and/or gas rights free of a lease or other instrument conveying all or any portion of the working interest in such rights to another. At the time of this order, the unleased mineral owners as identified by Ascent include those listed on Exhibit A for the corresponding tracts in the exhibit.
- 7) "Consenting working interest owner" means any working interest owner who enters into an agreement with Ascent pertaining to the operation of the Dwayne GRN HR Unit.
- 8) "Non-consenting working interest owner" means a working interest owner who does not enter into an agreement with Ascent pertaining to the operation of the Dwayne GRN HR Unit. At the time of this order, there are no non-consenting working interest owners identified by Ascent.
- 9) "Gas" has the same meaning as in R.C. § 1509.01.
- 10) "Oil" has the same meaning as in R.C. § 1509.01.
- 11) "Unit Area" means all of the lands, oil and gas leases and/or oil and gas interests of the tracts as shown in Exhibit B totaling 373.495 acres located in Green, Short Creek, and Smithfield Townships, in Harrison and Jefferson Counties, Ohio as shown in Exhibit C.
- 12) "Unit Participation" means the ratio of the surface acreage of a specific tract in the unit area to the total surface acreage of the unit area as that total surface acreage is specified in paragraph one of the Plan for Unit Operations of this order.
- 13) "Gross Proceeds" means a share of the gross production of oil, gas, condensate, and natural gas liquids free of any and all cost of producing, gathering, storing, separating, treating, dehydrating, compressing, processing, transporting, marketing, or pipeline construction and maintenance. "Gross proceeds" does not include costs that result in enhancing the value of marketable oil, gas, condensate, natural gas liquids, or other products to receive a better price so long as the costs are the actual costs of such enhancement and an unleased mineral rights owner's pro rata part of such cost is less than the amount of the enhanced value of the product.

- 14) "Net Proceeds" means the share of gross production of oil, gas, condensate, or natural gas liquids after payment of all costs of producing, gathering, storing, separating, treating, dehydrating, compressing, processing, transporting, and marketing and taxes.

BACKGROUND:

- 1) Ascent filed the application pursuant to R.C. § 1509.28 to conduct unit operations of the Utica/Point Pleasant Formations. The unit operations will occur at an approximate true vertical depth located from 50 feet above the top of the Utica Shale to 50 feet below the base of the Point Pleasant Formation.
- 2) Pursuant to R.C. § 1509.28, the Division held a hearing on October 7, 2020 via Webex due to the Governor's and Director of Health's orders concerning COVID-19. The hearing was held to consider the need for the operation as a unit of an entire pool or part thereof. Ascent employees provided testimony on the application and answered questions from Division staff.

FINDINGS:

- 1) Based on the application and testimony by Ascent's employees, the Chief finds that Ascent has established that it is the "owner," as that term is defined in R.C. § 1509.01(K), of greater than 65% of the land area overlying the pool in the Dwayne GRN HR Unit as required by R.C. § 1509.28(A).
- 2) Based on the application and testimony by Ascent's employees, the Chief finds that the operation of the Dwayne GRN HR Unit is reasonably necessary to increase substantially the ultimate recovery of oil and gas.
- 3) Based on the application and testimony by Ascent's employees, the Chief finds the value of the estimated additional recovery of oil or gas from the Dwayne GRN HR Unit exceeds the estimated additional cost incident to conducting the operation of the Dwayne GRN HR Unit.

ORDER:

IT IS HEREBY ORDERED:

Pursuant to R.C. § 1509.28, Ascent is authorized to conduct operations within the Dwayne GRN HR Unit in accordance with all of the following:

Plan for Unit Operations

- 1) The unit area is comprised of the tracts totaling 373.495 acres in Green, Short Creek, and Smithfield Townships, in Harrison and Jefferson Counties, Ohio, as shown on Exhibit C.

- 2) Ascent proposes to drill one well in the Dwayne GRN HR Unit for the purpose of recovering oil and gas. Ascent shall drill at least one well to total measured depth as specified in the application in the unit area within 12 months from the date of approval of this Order as prescribed in Paragraph 10 of this order. If Ascent fails to drill at least one well to total measured depth as specified in the application in the unit area within 12 months from the date of approval of this Order as prescribed in Paragraph 10 of this order, the Chief may revoke this order. In order to achieve the stated goal of substantially increasing the ultimate recovery of oil and gas from the Utica/Point Pleasant Formations within the unit area, Ascent shall produce from one well no later than two years after the date of approval of this order. If Ascent fails to drill, complete, and produce at least one well in the unit area, the Chief may amend or terminate this order. Any additional wells permitted by the Chief for the Utica/Point Pleasant Formations in the unit area are subject to this order.
- 3) Evidence introduced by Ascent at the Dwayne GRN HR Unit hearing establishes that the Utica/Point Pleasant Formation uniformly underlies the unit area. Therefore, the allocated share of production to each tract shall be equal to that tract's unit participation.
- 4) Except as provided in Paragraph 9(d) of this order, all charges and credits made for investments in wells, tanks, pumps, machinery, materials, and equipment contributed to the Dwayne GRN HR unit operations shall be allocated among the working interest owners of each tract based on the unit participation. The proportionate share of the expenses attributable to tracts of the unleased mineral owners shall be allocated to Ascent and the working interest owners.
- 5) All unit operation expenses, including capital investment, shall be charged to, and paid by, Ascent and working interest owners in amounts based on the unit participation plus their proportionate share of the expenses attributable to the tracts of unleased mineral owners. All unit operation expenses concerning wells and operating equipment shall be just and reasonable.
- 6) If necessary, Ascent and the consenting working interest owners shall carry, or otherwise finance, any non-consenting working interest owners who are unable to meet their financial obligations in connection with the unit operations. Ascent and all other consenting working interest owners' reasonable interest charge for carrying or financing the non-consenting working interest owners shall be determined by the terms of Ascent's Unit Agreement and Model Form Operating Agreement for the Dwayne GRN HR Unit. Once a specific cost is charged to the initial well, that same cost cannot be charged to subsequent wells in the unit area.
- 7) Ascent shall supervise and conduct all unit operations. Each working interest owner shall have a voting interest equal to its Unit Participation. Approval of unit operations shall be subject to the terms of Ascent's Unit Agreement and Model Form Operating Agreement for the Dwayne GRN HR Unit.

- 8) Unit operations may commence as of 7:00 a.m. on the day following the date of approval of this order as prescribed in Paragraph 10 of this order. Once the initial well is placed into production, operations within the Dwayne GRN HR Unit may continue as long as hydrocarbons are produced from any well in the unit area without a cessation of more than 90 days, unless otherwise approved by the Chief in writing. The Dwayne GRN HR Unit may be terminated if working interest owners owning at least 51% of the working interest in the unit area determine that the unit operations are no longer warranted. If the unit operations are so terminated, Ascent shall provide written notice of the termination to the Division and to all unleased mineral owners. In addition to the notice of termination, Ascent shall provide an affidavit to the Division attesting to the basis of the termination and all dates applicable to that basis. If termination of unit operations occurs prior to drilling and completing for production of one well in the Dwayne GRN HR Unit, the Chief may amend this order.

- 9) The following additional provisions are found to be appropriate:
 - a) No activity associated with the drilling, completion, or operation of the Dwayne GRN HR Unit shall be conducted on the surface of any unleased property without the prior written consent of the owner of the surface rights of the unleased property.

 - b) Unleased mineral owners shall not incur liability for any personal or property damage associated with any drilling, testing, completing, producing, operating, or plugging and restoration activities within the Dwayne GRN HR Unit.

 - c) Each unleased mineral owner shall receive a monthly cash payment equal to a one-eighth share of the gross proceeds from production. Allocation of the one-eighth share shall be based on the unit participation of each unleased mineral owner's tract. Ascent shall make monthly cash payments to all unleased mineral owners at the same time the royalty interest owners are paid.

 - d) In addition to the cash payment specified in paragraph 9(c) of this Order, each unleased mineral owner shall receive a monthly cash payment equal to a seven-eighths share of the net proceeds from production. Allocation of the seven-eighths share shall be based on the unit participation of each unleased mineral owner's tract. After Ascent recovers 200% of the cost of drilling, testing, and completing the initial well, Ascent shall begin making the monthly payments to the unleased mineral owners for that well. For each additional well drilled in the unit area, Ascent shall begin making monthly payments equal to seven-eighths share of net proceeds from production to each unleased mineral owner once the working interest owners have recovered 150% of the cost of drilling, testing, and completing each additional well. Once a specific cost is charged to the initial well, that same cost cannot be charged to subsequent wells in the unit area.

- e) Nothing in this order prohibits an unleased mineral owner from entering into a lease agreement with Ascent or with any other person. An unleased mineral owner who enters into a lease of their mineral interests with any person after the issuance of this order is no longer an unleased mineral owner under this order as of the effective date of the lease. Ascent shall notify the Division upon the execution of a lease agreement with any unleased mineral owner who is subject to this order.
- f) Except as provided in Paragraph 9(d) of this order, no expenses shall be paid by an unleased mineral owner for drilling, testing, completing, producing, or operating any well in the unit area. Moreover, unleased mineral owners are not responsible for any costs related to plugging any well or any restoration in the unit area.
- g) If requested in writing by any unleased mineral owner or by any non-consenting working interest owner, or in any manner by the Division, Ascent shall provide, not later than 30 days after the request, any of the following:
 - i. A monthly statement of all costs incurred, together with the quantity of oil and gas produced, and the amount of proceeds realized from the sale of production during the preceding month; and
 - ii. Any authorization for expenditure (AFE) prepared by Ascent; and
 - iii. A statement of all costs and expenses for purposes of Paragraphs 6 and 9(d) of this order.
- h) Ascent shall notify the Division of the assignment or transfer of any of its working interest in the Dwayne GRN HR Unit. If Ascent assigns or transfers any of its working interest, the assignee or transferee shall comply with this order. Within 60 days of the notice of assignment or transfer, Ascent shall file a copy of the notice with the Harrison and Jefferson Counties (Ohio) Recorder's Office, in the records of each of the tracts that are subject to this order and referenced in Exhibit C of this order. Ascent shall submit a certification of the filing to the Division within 14 days of filing.
- i) Ascent shall notify the Division if a person that is leased by Ascent, or any other consenting working interest owner, for purposes of operating the Dwayne GRN HR Unit becomes unleased. If a person becomes unleased, the person is an unleased owner under this order and paragraphs 9(c) and 9(d) of this order apply.

- j) Ascent shall notify the Division if any consenting working interest owner revokes, rescinds, or otherwise terminates the agreement with Ascent pertaining to the operation of the Dwayne GRN HR Unit. If a consenting working interest owner revokes, rescinds, or otherwise terminates the agreement with Ascent, the working interest owner becomes a non-consenting working interest owner pursuant to this order. Ascent also shall notify the Division if any consenting working interest owner assigns or transfers all or part of its working interest in the Dwayne GRN HR Unit. All such assignees or transferees are subject to this order.
 - k) Ascent shall notify the Division if any non-consenting working interest owner enters into an agreement with Ascent pertaining to the operation of the Dwayne GRN HR Unit. If a non-consenting working interest owner enters into an agreement with Ascent, the non-consenting working interest owner becomes a consenting working interest owner pursuant to this order.
 - l) If at any point Ascent and consenting working interest owners own less than 65% of the unit, the Chief may amend or terminate this order.
- 10) This order becomes effective on the date Ascent provides the Chief with final written approval of the unit operations as prescribed in this order by Ascent and consenting working interest owners, and also by the royalty interest owners or, with respect to unleased acreage, unleased mineral owners of 65% of the acreage to be included in the unit. Unit operations may commence as set forth in Paragraph 8 of this Order. If Ascent fails to provide all required approvals by June 7, 2021, the order is revoked, and the Chief shall provide notice of the revocation to Ascent and to all persons listed in Exhibit B to this order.
 - 11) If this Chief's Order is appealed, the time periods specified in this order are tolled pending final determination of the appeal.
 - 12) Within 21 days of this order becoming effective, Ascent shall file a copy of this order with the Harrison and Jefferson Counties (Ohio) Recorder's Office, in the records of each of the tracts that are subject to this order and referenced in Exhibit C of this order. Ascent shall submit a certification of the filing to the Division within 14 days of filing. The certification shall include a reference to the volume and page number corresponding to each record where the Chief's Order is recorded.
 - 13) The Chief of the Division retains continuing jurisdiction over the Dwayne GRN HR Unit as is consistent with the Chief's powers and duties as established by R.C. Chapter 1509 and Ohio Admin. Code 1501:9. The Chief reserves the right to amend or terminate this Order subsequent to the commencement of unit operations within the unit area.
 - 14) Except as specifically set forth in the terms of this order, nothing herein shall be construed as a release or waiver of any private right, obligation, duty, claim, or cause of action.

- 15) If there is a conflict between this Chief's Order and Ascent's Unit Agreement and Model Form Operating Agreement attached to the application, this Chief's Order takes precedence.

December 7, 2020

Date

/s/ *Eric Vendel*

Eric Vendel, Chief

Division of Oil and Gas Resources Management

Addressee is hereby notified that this action is final and effective and may be appealed pursuant to Section 1509.36 of the Ohio Revised Code. If the Order is appealed to the Ohio Oil and Gas Commission, the appeal must be in writing and must set forth the Orders complained of and the grounds upon which the appeal is based. Such appeal must be filed with the Oil and Gas Commission, 2045 Morse Road, Building A-2, Columbus, Ohio 43229-6693, within 30 days after receipt of this Order.

In addition, within three days after the appeal is filed with the Oil and Gas Commission, notice of the filing must be submitted to Eric Vendel, Chief, Division of Oil and Gas Resources Management, Ohio Department of Natural Resources, 2045 Morse Road, Building F, Columbus, Ohio 43229-6693.

Enclosures: Exhibit A
Exhibit B
Exhibit C

Exhibit A

Unleased Mineral Owners

Tract Number	Lease ID Number (optional)	Unleased Mineral Owner	Leased Yes or No	Decimal Interest in Tract	Surface Acres in Unit	Tract Participation in Unit	Tax Map Parcel ID	Tract Surface Use	Township	County	Address	City	State	Zip
19	UNLEASED	G & M Smith Family, LLC Attn: Gary Smith	No	1.000000	0.318000	0.085142%	31-02292-000	Residential	Smithfield	Harrison	P.O. Box 2334	Wintersville	OH	43943
35	UNLEASED	General Holdings Trust Attn: Julius Simon	No	1.000000	0.152000	0.040697%	31-02217-000	Residential	Smithfield	Harrison	112 North Main Street	Van Buren	OH	45889
36	UNLEASED	General Holdings Trust Attn: Julius Simon	No	1.000000	0.156000	0.041768%	31-02216-000	Residential	Smithfield	Harrison	112 North Main Street	Van Buren	OH	45889
46	UNLEASED	William Coleman and Linda Ann Coleman, husband and wife, JTWROs	No	1.000000	0.310000	0.083000%	31-02390-000	Residential	Smithfield	Harrison	76 Hamilton Street	Adena	OH	43901
					Total Unit Acres:	373.495								
					Total Unleased Acres:	0.936								
					Total Unleased Percentage:	0.250606%								

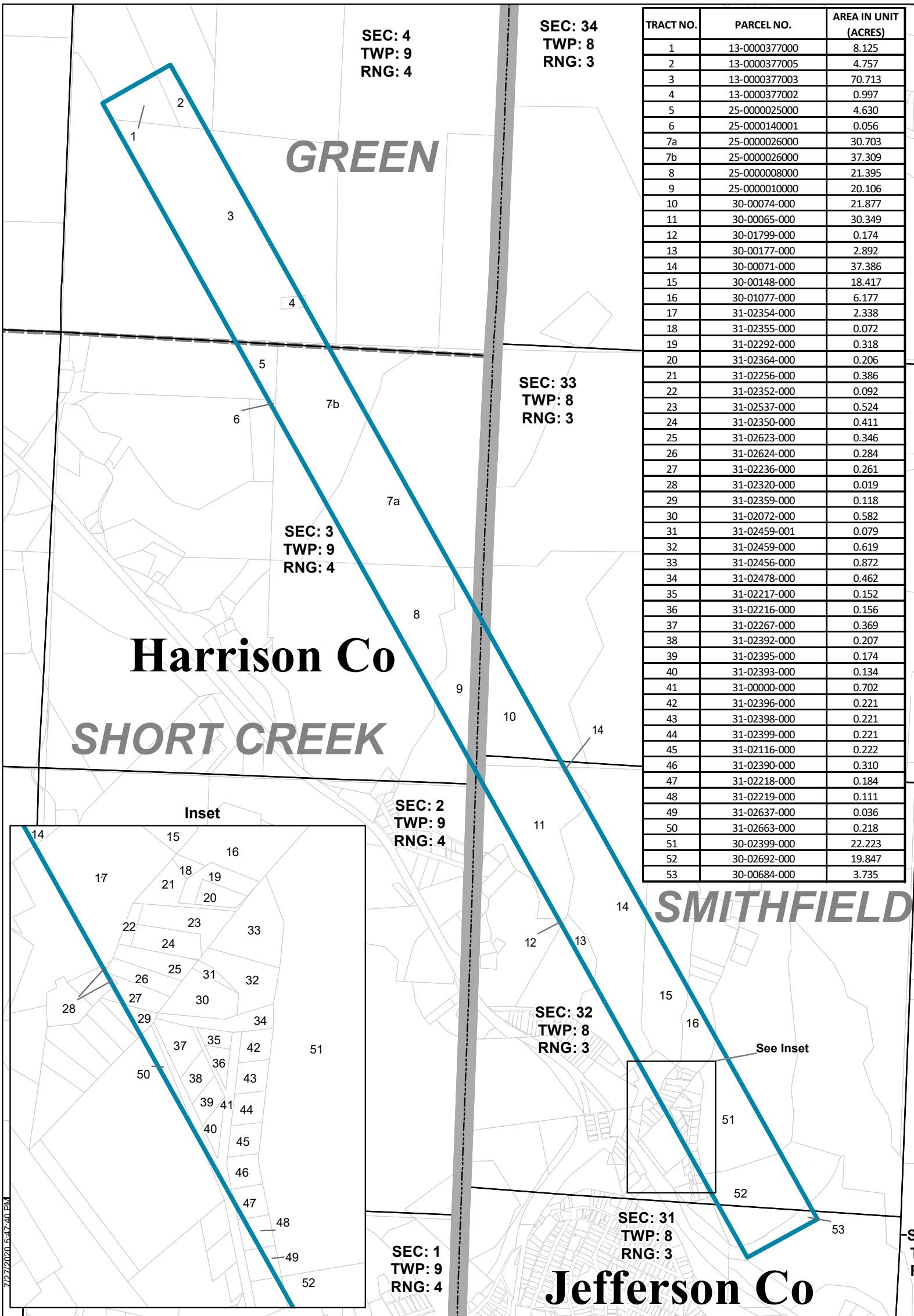
Exhibit B

Tract Number	Lease ID Number (optional)	Mineral Owner	Leased Yes or No	Decimal Interest in Tract	Surface Acres in Unit	Tract Participation in Unit	Tax Map Parcel ID	Township	County	Committed Working Interest Percentage	Applicant Working Interest Percentage	XTO Energy, Inc. Working Interest Percentage	Address	City	State	Zip
1	UTC018103001	Janice Marie Tweedy Living Trust 2018 Attn: Janice Marie Tweedy, Trustor and Trustee	Yes	0.500000	4.062500	1.087699%	13-0000377000	Green	Harrison	1.087699%	1.087699%	0.000000%	155 Horseshoe Hill Road	Bolinas	CA	94924
1	UTC018103002	AMP IV, LP ATTN: Mark Phillip Thomas, Jr., Chief Operating Officer	Yes	0.500000	4.062500	1.087699%	13-0000377000	Green	Harrison	1.087699%	1.087699%	0.000000%	225 Ross Street, Sutie 301	Pittsburgh	PA	15219
2	UTC018103001	Janice Marie Tweedy Living Trust 2018 Attn: Janice Marie Tweedy, Trustor and Trustee	Yes	0.500000	2.378500	0.636822%	13-0000377005	Green	Harrison	0.636822%	0.636822%	0.000000%	155 Horseshoe Hill Road	Bolinas	CA	94924
2	UTC018103002	AMP IV, LP Attn: Mark Phillip Thomas, Jr., Chief Operating Officer	Yes	0.500000	2.378500	0.636822%	13-0000377005	Green	Harrison	0.636822%	0.636822%	0.000000%	225 Ross Street, Sutie 301	Pittsburgh	PA	15219
3	UTC018103001	Janice Marie Tweedy Living Trust 2018 Attn: Janice Marie Tweedy, Trustor and Trustee	Yes	0.500000	35.356500	9.466391%	13-0000377003	Green	Harrison	9.466391%	9.466391%	0.000000%	155 Horseshoe Hill Road	Bolinas	CA	94924
3	UTC018103002	AMP IV, LP Attn: Mark Phillip Thomas, Jr., Chief Operating Officer	Yes	0.500000	35.356500	9.466391%	13-0000377003	Green	Harrison	9.466391%	9.466391%	0.000000%	225 Ross Street, Sutie 301	Pittsburgh	PA	15219
4	UTC018103001	Janice Marie Tweedy Living Trust 2018 Attn: Janice Marie Tweedy, Trustor and Trustee	Yes	0.500000	0.498500	0.133469%	13-0000377002	Green	Harrison	0.133469%	0.133469%	0.000000%	155 Horseshoe Hill Road	Bolinas	CA	94924
4	UTC018103002	AMP IV, LP ATTN: Mark Phillip Thomas, Jr., Chief Operating Officer	Yes	0.500000	0.498500	0.133469%	13-0000377002	Green	Harrison	0.133469%	0.133469%	0.000000%	225 Ross Street, Sutie 301	Pittsburgh	PA	15219
5	UTC018055000	Gateway Royalty V, LLC Attn: Chris Oldham, President	Yes	1.000000	4.630000	1.239642%	25-0000025000	Short Creek	Harrison	1.239642%	1.239642%	0.000000%	Box 637	Carrollton	OH	44050
6	UTC018509000	The John L. Tabacchi Revocable Trust dated October 6, 1997 Attn: John L. Tabacchi, Trustee	Yes	0.312500	0.017500	0.004685%	25-0000140001	Short Creek	Harrison	0.004685%	0.004685%	0.000000%	123 Broadview Dr.	Cadiz	OH	43907
6	LEASE # NOT ASSIGNED	Conella Marie Tabacchi Bielanski and Durk A. Bielanski, wife and husband	Yes	0.200000	0.011200	0.002999%	25-0000140001	Short Creek	Harrison	0.002999%	0.002999%	0.000000%	314 Salt Creek Dr.	North Port	FL	44615
6	LEASE # NOT ASSIGNED	Bruno Tabacchi, Jr. and Julie M. Tabacchi, husband and wife	Yes	0.150000	0.008400	0.002249%	25-0000140001	Short Creek	Harrison	0.002249%	0.002249%	0.000000%	5145 N. State Route 559	Lewisburg	OH	80904
6	LEASE # NOT ASSIGNED	Marci R. Tabacchi Wojcik and Brian Wojcik, wife and husband	Yes	0.150000	0.008400	0.002249%	25-0000140001	Short Creek	Harrison	0.002249%	0.002249%	0.000000%	P.O. Box 7846	Bloomfield Hills	MI	98292
6	UTC018509000	John O. Tabacchi Revocable Trust Attn: John O. Tabacchi, Trustee	Yes	0.062500	0.003500	0.000937%	25-0000140001	Short Creek	Harrison	0.000937%	0.000937%	0.000000%	145 S. Main St.	Cadiz	OH	43907
6	UTC018509000	Sara M. Tabacchi	Yes	0.062500	0.003500	0.000937%	25-0000140001	Short Creek	Harrison	0.000937%	0.000937%	0.000000%	4445 N. 36th Street, #424	Phoenix	AZ	85018
6	UTC018509000	Amelia G. Ryan and Todd Ryan, a/k/a Todd P. Ryan, wife and husband	Yes	0.062500	0.003500	0.000937%	25-0000140001	Short Creek	Harrison	0.000937%	0.000937%	0.000000%	320 Wynne Ridge Court	Columbus	OH	43230
7A	UTC018056000	The Angela Rose Schlabach Family Trust Attn: Angela Rose Schlabach, Trustee	Yes	1.000000	30.703000	8.220458%	25-0000026000	Short Creek	Harrison	8.220458%	8.220458%	0.000000%	5321 Pinedale Street NE	Hartville	OH	44432
7B	UTC015557000	Gerard L. Harwell	Yes	0.133333	4.974533	1.331887%	25-0000026000	Short Creek	Harrison	1.331887%	1.331887%	0.000000%	2721 W. Unitah St.	Colorado Springs	CO	80904
7B	UTC015560000	Robert L. Vadasz and Susan Vadasz, husband and wife	Yes	0.133333	4.974533	1.331887%	25-0000026000	Short Creek	Harrison	1.331887%	1.331887%	0.000000%	6031 183rd St.	Stanwood	WA	98292
7B	UTC013653000	Howard S. Vadasz and Judy F. Vadasz, husband and wife	Yes	0.133333	4.974533	1.331887%	25-0000026000	Short Creek	Harrison	1.331887%	1.331887%	0.000000%	13249 Ravenna Ave. NE	Hartville	OH	44632
7B	UTC013651000	Paul A. Vadasz and Roseann Vadasz, husband and wife	Yes	0.133333	4.974533	1.331887%	25-0000026000	Short Creek	Harrison	1.331887%	1.331887%	0.000000%	P.O. Box 266	Hartville	OH	44632
7B	UTC013652000	Barbara J. Thompson	Yes	0.133333	4.974533	1.331887%	25-0000026000	Short Creek	Harrison	1.331887%	1.331887%	0.000000%	49725 Blairmont Road	Adena	OH	43901
7B	UTC015555000	Deanna J. Harwell and Mohammad J. Baksh, wife and husband	Yes	0.133333	4.974533	1.331887%	25-0000026000	Short Creek	Harrison	1.331887%	1.331887%	0.000000%	2474 Coe St.	Perrysburg	OH	43551
7B	UTC022561000	LIDIANBELL SPENDTHRIFT TRUST Attn: Cecilia B. Dacillo, Initial Trustee	Yes	0.050000	1.865450	0.499458%	25-0000026000	Short Creek	Harrison	0.499458%	0.499458%	0.000000%	274 S. Fayette Park Pl., Apt. 108	Los Angeles	CA	90057
7B	UTC015562000	Angelo Bellino	Yes	0.050000	1.865450	0.499458%	25-0000026000	Short Creek	Harrison	0.499458%	0.499458%	0.000000%	222 Wilcox Rd.	Youngstown	OH	44515
7B	UTC015560000	Marilyn L. Chamberlain	Yes	0.031250	1.165906	0.312161%	25-0000026000	Short Creek	Harrison	0.312161%	0.312161%	0.000000%	14012 FM 3025	Stephenville	TX	76401
7B	UTC15561000	Barbara J. Heddon	Yes	0.031250	1.165906	0.312161%	25-0000026000	Short Creek	Harrison	0.312161%	0.312161%	0.000000%	1456 E. Philadelphia St., SPC 275	Ontario	CA	91761
7B	UTC015575000	Charlene Lois Winn	Yes	0.037500	1.399088	0.374593%	25-0000026000	Short Creek	Harrison	0.374593%	0.374593%	0.000000%	8370 Monaco Ct.	Fontanna	CA	92335
8	UTC018071000	William C. Axlford, III	Yes	1.000000	21.395000	5.728323%	25-0000080000	Short Creek	Harrison	5.728323%	5.728323%	0.000000%	18270 Rt. 301	LaGrange	OH	43901
9	UTC018071000	William C. Axlford, III	Yes	1.000000	20.106000	5.383204%	25-0000010000	Short Creek	Harrison	5.383204%	5.383204%	0.000000%	18270 Rt. 301	LaGrange	OH	43901
10	UTC011325000	Golden Eagle Resources II, LLC Attn: Michael Faust	Yes	0.333333	7.292333	1.952458%	30-00074-000	Smithfield	Jefferson	1.952458%	1.952458%	0.000000%	1801 Smith St., Suite 2000	Houston	TX	77002
10	UTC011326000	Heritage Resources - Utica Minerals, LLC Attn: Kristen Rogstad	Yes	0.666667	14.584667	3.904916%	30-00074-000	Smithfield	Jefferson	3.904916%	3.904916%	0.000000%	P.O. Box 14890	Oklahoma City	OK	73113
11	UTC018297000	Tony Basich and Irene Basich, husband and wife	Yes	1.000000	30.349000	8.125677%	30-00065-000	Smithfield	Jefferson	8.125677%	8.125677%	0.000000%	9735 Harrisville-Adena Rd.	Adena	OH	43901
12	UTC012264000	John Pilla	Yes	0.500000	0.087000	0.023293%	30-01799-000	Smithfield	Jefferson	0.023293%	0.023293%	0.000000%	13194 Meadow St.	Alliance	OH	44601
12	UTC012266000	Glenda Debick	Yes	0.500000	0.087000	0.023293%	30-01799-000	Smithfield	Jefferson	0.023293%	0.023293%	0.000000%	1129 Chaparral Drive	Lade Lakes	FL	32159
13	UTC023041000	Louis G. Benedict and Judith L. Benedict, husband and wife	Yes	0.500000	1.446000	0.387154%	30-00177-000	Smithfield	Jefferson	0.387154%	0.387154%	0.000000%	420 N. Wood Avenue	Pen Argyl	PA	44432
13	UTC002922000	Marie Luke	Yes	0.500000	1.446000	0.387154%	30-00177-000	Smithfield	Jefferson	0.387154%	0.387154%	0.000000%	6418 Del Rio Road	Charlotte	NC	28277
14	UTC011325000	Heritage Resources - Utica Minerals, LLC Attn: Kristen Rogstad	Yes	0.666667	24.924012	6.673185%	30-00071-000	Smithfield	Jefferson	6.673185%	6.673185%	0.000000%	P.O. Box 14890	Oklahoma City	OK	73113

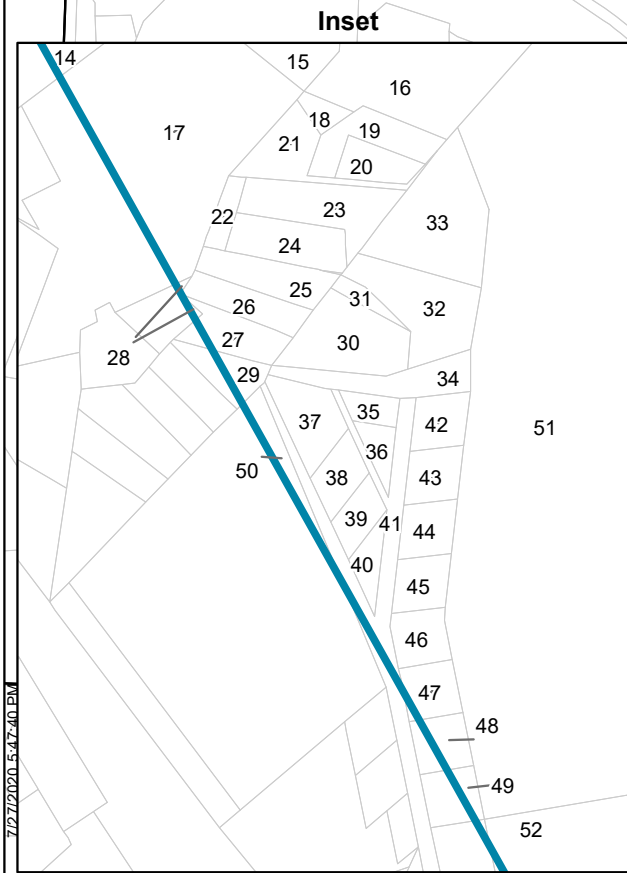
Tract Number	Lease ID Number (optional)	Mineral Owner	Leased Yes or No	Decimal Interest in Tract	Surface Acres in Unit	Tract Participation in Unit	Tax Map Parcel ID	Township	County	Committed Working Interest Percentage	Applicant Working Interest Percentage	XTO Energy, Inc. Working Interest Percentage	Address	City	State	Zip
14	LEASE # NOT ASSIGNED	Golden Eagle Resources II, LLC Attn: Michael Faust	Yes	0.333333	12.462000	3.336591%	30-00071-000	Smithfield	Jefferson	3.336591%	3.336591%	0.000000%	1801 Smith St., Suite 2000	Houston	TX	77002
15	UTC006722000 XTO 0469716	Bedway Land and Minerals Company Attn: Jonathan Bedway	Yes	1.000000	18.417000	4.930990%	30-00148-000	Smithfield	Jefferson	4.930990%	4.684440%	0.246549%	67877 Pancoast Road North	Belmont	OH	43718
16	AMD000006001 AMD000006002	Ascent Utica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000000	6.177000	1.653837%	30-01077-000	Smithfield	Jefferson	1.653837%	1.653837%	0.000000%	3501 N.W. 63rd St.	Oklahoma City	OK	73116
17	UTC018187000	Frank L. Zeroski and Mary Ann Zeroski, husband and wife	Yes	1.000000	2.338000	0.625979%	31-02354-000	Smithfield	Jefferson	0.625979%	0.625979%	0.000000%	P.O. Box 342	Adena	OH	43901
18	AMD000006001 AMD000006002	Ascent Utica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000000	0.072000	0.019277%	31-02355-000	Smithfield	Jefferson	0.019277%	0.019277%	0.000000%	3501 N.W. 63rd St.	Oklahoma City	OK	73116
19	UNLEASED	G & M Smith Family, LLC Attn: Gary Smith	No	1.000000	0.318000	0.085142%	31-02292-000	Smithfield	Jefferson	0.000000%	0.000000%	0.000000%	P.O. Box 2334	Wintersville	OH	43953
20	UTC018213000	Jefferson County Land Reutilization Corporation Attn: Raymond Agresta as Board President	Yes	1.000000	0.206000	0.055155%	31-02364-000	Smithfield	Jefferson	0.055155%	0.055155%	0.000000%	301 Market Street, Room 105	Steubenville	OH	43952
21	UTC003733000	Richard B. Woods and Patricia M. Woods, husband and wife,	Yes	1.000000	0.386000	0.103348%	31-02256-000	Smithfield	Jefferson	0.103348%	0.103348%	0.000000%	348 N. Mill Street	Adena	OH	43901
22	UTC018187000	Frank L. Zeroski and Mary Ann Zeroski aka Maryann Zeroski, husband and wife	Yes	1.000000	0.092000	0.024632%	31-02352-000	Smithfield	Jefferson	0.024632%	0.024632%	0.000000%	P.O. Box 342	Adena	OH	43901
23	UTC003733000	Richard B. Woods and Patricia M. Woods, husband and wife,	Yes	1.000000	0.524000	0.140296%	31-02537-000	Smithfield	Jefferson	0.140296%	0.140296%	0.000000%	348 N. Mill Street	Adena	OH	43901
24	UTC018399000	Barbara J. Young, a single woman	Yes	0.500000	0.205500	0.055021%	31-02350-000	Smithfield	Jefferson	0.055021%	0.055021%	0.000000%	249 1/2 E. Main Street	St. Clairsville	OH	43950
24	UTC018377000	Robert G. Young and Stephanie R. Young, husband and wife	Yes	0.500000	0.205500	0.055021%	31-02350-000	Smithfield	Jefferson	0.055021%	0.055021%	0.000000%	596 County Road 71	Adena	OH	43901
25	UTC018399000	Barbara J. Young, a single woman	Yes	0.500000	0.173000	0.046319%	31-02623-000	Smithfield	Jefferson	0.046319%	0.046319%	0.000000%	249 1/2 E. Main Street	St. Clairsville	OH	43950
25	UTC018377000	Robert G. Young and Stephanie R. Young, husband and wife	Yes	0.500000	0.173000	0.046319%	31-02623-000	Smithfield	Jefferson	0.046319%	0.046319%	0.000000%	596 County Road 71	Adena	OH	43901
26	UTC018399000	Barbara J. Young, a single woman	Yes	0.500000	0.142000	0.038019%	31-02624-000	Smithfield	Jefferson	0.038019%	0.038019%	0.000000%	249 1/2 E. Main Street	St. Clairsville	OH	43950
26	UTC018377000	Robert G. Young and Stephanie R. Young, husband and wife	Yes	0.500000	0.142000	0.038019%	31-02624-000	Smithfield	Jefferson	0.038019%	0.038019%	0.000000%	596 County Road 71	Adena	OH	43901
27	UTC019734000	Bryan Lynn Harubin, a single man	Yes	1.000000	0.261000	0.069880%	31-02236-000	Smithfield	Jefferson	0.069880%	0.069880%	0.000000%	296 N. Mill Street	Adena	OH	43901
28	UTC019887000	Jo Ann Holland and Gibson Kent Holland, wife and husband	Yes	1.000000	0.019000	0.005087%	31-02320-000	Smithfield	Jefferson	0.005087%	0.005087%	0.000000%	692 W. Main Street	Cadiz	OH	43907
29	UTC012641000	Nellie L. Carpenter and Paul Carpenter, wife and husband	Yes	1.000000	0.118000	0.031593%	31-02359-000	Smithfield	Jefferson	0.031593%	0.031593%	0.000000%	34 Roby Street	Adena	OH	43901
30	UTC004170000	Cindy and Ronald Clark, husband and wife	Yes	1.000000	0.582000	0.155825%	31-02072-000	Smithfield	Jefferson	0.155825%	0.155825%	0.000000%	331 N. Mill Street	Adena	OH	43901
31	LEASE # NOT ASSIGNED	Cynthia Clark	Yes	1.000000	0.079000	0.021152%	31-02459-001	Smithfield	Jefferson	0.021152%	0.021152%	0.000000%	331 N. Mill Street	Adena	OH	43901
32	UTC022838000	Raymond L. Jeskey, Jr., a single man	Yes	1.000000	0.619000	0.165732%	31-02459-000	Smithfield	Jefferson	0.165732%	0.165732%	0.000000%	P.O. Box 312	Adena	OH	43901
33	UTC021244000	James J. Kruszeniak and Lucille Kruszeniak, husband and wife	Yes	1.000000	0.872000	0.233470%	31-02456-000	Smithfield	Jefferson	0.233470%	0.233470%	0.000000%	14956 W. Angel Basin Way	Surprise	AZ	85374
34	AMD000006001 AMD000006002	Ascent Utica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000000	0.462000	0.123696%	31-02478-000	Smithfield	Jefferson	0.123696%	0.123696%	0.000000%	3501 N.W. 63rd St.	Oklahoma City	OK	73116
35	UNLEASED	General Holdings Trust Attn: Julius Simon	No	1.000000	0.152000	0.040697%	31-02217-000	Smithfield	Jefferson	0.000000%	0.000000%	0.000000%	112 North Main Street	Van Buren	OH	45889
36	UNLEASED	General Holdings Trust Attn: Julius Simon	No	1.000000	0.156000	0.041768%	31-02216-000	Smithfield	Jefferson	0.000000%	0.000000%	0.000000%	112 North Main Street	Van Buren	OH	45889
37	UTC018213000	Jefferson County Land Reutilization Corporation Attn: Raymond Agresta as Board President	Yes	1.000000	0.369000	0.098797%	31-02267-000	Smithfield	Jefferson	0.098797%	0.098797%	0.000000%	301 Market Street Room 105	Steubenville	OH	43952
38	UTC018797000	Joseph Nagy, a single man	Yes	1.000000	0.207000	0.055422%	31-02392-000	Smithfield	Jefferson	0.055422%	0.055422%	0.000000%	46 Hamilton Street	Adena	OH	43901
39	UTC018288000	Bonnie J. Harris aka Bonnie J. Stock, a single woman	Yes	1.000000	0.174000	0.046587%	31-02395-000	Smithfield	Jefferson	0.046587%	0.046587%	0.000000%	68 Hamilton Street	Adena	OH	43901
40	UTC018288000	Bonnie J. Harris aka Bonnie J. Stock, a single woman	Yes	1.000000	0.134000	0.035877%	31-02393-000	Smithfield	Jefferson	0.035877%	0.035877%	0.000000%	68 Hamilton Street	Adena	OH	43901
41	UTC025157000	Village of Adena Attn: Brenda Roski, Mayor	Yes	1.000000	0.702000	0.187954%	31-00000-000_SMF_SE_32_1	Smithfield	Jefferson	0.187954%	0.187954%	0.000000%	P.O. Box 507	Adena	OH	43901-0507
42	UTC022836000	Joseph Stock and Tiffany Stock, husband and wife	Yes	1.000000	0.221000	0.059171%	31-02396-000	Smithfield	Jefferson	0.059171%	0.059171%	0.000000%	P.O. Box 131	Adena	OH	43901
43	UTC018483000	Windy Davia, a single woman	Yes	1.000000	0.221000	0.059171%	31-02398-000	Smithfield	Jefferson	0.059171%	0.059171%	0.000000%	141 Buckeye Street	Adena	OH	43901
44	UTC018483000	Windy Davia, a single woman	Yes	1.000000	0.221000	0.059171%	31-02399-000	Smithfield	Jefferson	0.059171%	0.059171%	0.000000%	141 Buckeye Street	Adena	OH	43901
45	UTC018409000	Louis S. Blake and Teresa J. Blake, husband and wife	Yes	1.000000	0.222000	0.059439%	31-02116-000	Smithfield	Jefferson	0.059439%	0.059439%	0.000000%	873 Township Road 195	Dillonvale	OH	43901
46	UNLEASED	William Coleman and Linda Ann Coleman, husband and wife, JTWROS	No	1.000000	0.310000	0.083000%	31-02390-000	Smithfield	Jefferson	0.000000%	0.000000%	0.000000%	76 Hamilton Street	Adena	OH	43901
47	UTC018638000	Gary A. Zeroski and Debra J. Zeroski, husband and wife	Yes	1.000000	0.184000	0.049264%	31-02218-000	Smithfield	Jefferson	0.049264%	0.049264%	0.000000%	150 Hamilton Street	Adena	OH	43901
48	UTC018638000	Gary A. Zeroski and Debra J. Zeroski, husband and wife	Yes	1.000000	0.111000	0.029719%	31-02219-000	Smithfield	Jefferson	0.029719%	0.029719%	0.000000%	150 Hamilton Street	Adena	OH	43901
49	UTC007035000 XTO 0472475	Gary A. Zeroski and Debra J. Zeroski, husband and wife	Yes	1.000000	0.036000	0.009639%	31-02637-000	Smithfield	Jefferson	0.009639%	0.009157%	0.000482%	150 Hamilton Street	Adena	OH	43901
50	UTC012944000	Buckeye Local School District Attn: Merri Matthews, Superintendent	Yes	1.000000	0.218000	0.058368%	31-02663-000	Smithfield	Jefferson	0.058368%	0.058368%	0.000000%	6899 State Route 150	Dillonvale	OH	43917
51	AMD000006001 AMD000006002	Ascent Utica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000000	22.223000	5.950013%	30-02399-000	Smithfield	Jefferson	5.950013%	5.950013%	0.000000%	3501 N.W. 63rd St.	Oklahoma City	OK	73116
52	AMD000006001 AMD000006002	Ascent Utica Minerals, LLC Attn: Mike McLaughlin	Yes	1.000000	19.847000	5.313859%	30-02692-000	Smithfield	Jefferson	5.313859%	5.313859%	0.000000%	3501 N.W. 63rd St.	Oklahoma City	OK	73116

Tract Number	Lease ID Number (optional)	Mineral Owner	Leased Yes or No	Decimal Interest in Tract	Surface Acres in Unit	Tract Participation in Unit	Tax Map Parcel ID	Township	County	Committed Working Interest Percentage	Applicant Working Interest Percentage	XTO Energy, Inc. Working Interest Percentage	Address	City	State	Zip
53	UTC017300000	LL&B Headwater II, LP ATTN: Gordon H. Deen , President of LL&B Headwater II LP, LLC, its general partner	Yes	1.000000	3.735000	1.000013%	30-00684-000	Smithfield	Jefferson	1.000013%	1.000013%	0.000000%	11412 Bee Cave Road Suite 301	Austin	TX	78738
				Total Unit Acres:	373.495				Total:	99.749394%	99.502363%	0.247031%				
				Total Leased Acres:	372.559											

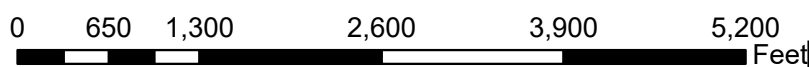
* NPRI = Non-Participating Royalty Interest



TRACT NO.	PARCEL NO.	AREA IN UNIT (ACRES)
1	13-0000377000	8.125
2	13-0000377005	4.757
3	13-0000377003	70.713
4	13-0000377002	0.997
5	25-000025000	4.630
6	25-0000140001	0.056
7a	25-000026000	30.703
7b	25-000026000	37.309
8	25-000008000	21.395
9	25-000010000	20.106
10	30-00074-000	21.877
11	30-00065-000	30.349
12	30-01799-000	0.174
13	30-00177-000	2.892
14	30-00071-000	37.386
15	30-00148-000	18.417
16	30-01077-000	6.177
17	31-02354-000	2.338
18	31-02355-000	0.072
19	31-02292-000	0.318
20	31-02364-000	0.206
21	31-02256-000	0.386
22	31-02352-000	0.092
23	31-02537-000	0.524
24	31-02350-000	0.411
25	31-02623-000	0.346
26	31-02624-000	0.284
27	31-02236-000	0.261
28	31-02320-000	0.019
29	31-02359-000	0.118
30	31-02072-000	0.582
31	31-02459-001	0.079
32	31-02459-000	0.619
33	31-02456-000	0.872
34	31-02478-000	0.462
35	31-02217-000	0.152
36	31-02216-000	0.156
37	31-02267-000	0.369
38	31-02392-000	0.207
39	31-02395-000	0.174
40	31-02393-000	0.134
41	31-00000-000	0.702
42	31-02396-000	0.221
43	31-02398-000	0.221
44	31-02399-000	0.221
45	31-02116-000	0.222
46	31-02390-000	0.310
47	31-02218-000	0.184
48	31-02219-000	0.111
49	31-02637-000	0.036
50	31-02663-000	0.218
51	30-02399-000	22.223
52	30-02692-000	19.847
53	30-00684-000	3.735



DWAYNE GRN HR
Exhibit C



1 INCH = 1,372 FEET
Dwayne GRN HR Unit

Legend	
	Dwayne GRN HR - 373.495
	Municipal Townships
	PLSS Section