

Notice of Hearing

ON AN APPLICATION FOR UNIT OPERATIONS



OHIO DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS RESOURCES MANAGEMENT
2045 Morse Road, F-3 • Columbus, OH 43229

NOTICE DATE:

Why Am I Receiving this Notice?

You are receiving this notice because the Division of Oil and Gas Resources Management (Division) has received an application pursuant to Ohio Revised Code 1509.28 for a unitization order. The applicant listed you in its application as having an interest or potential interest within the proposed oil and gas drilling unit.

A virtual hearing on the unitization application will be held on Webex, and you may choose to join. Hearings may last up to two hours. Any changes to the hearing date and time, such as cancellations or continuances, will be posted to the Division's website:

<https://oilandgas.ohiodnr.gov/unitization>

What Happens at the Hearing?

At the hearing, the applicant will present witnesses in support of its application for unitization. Then, anyone with an interest or potential interest in the proposed unit and anyone else who may be adversely affected by an order on the application will have an opportunity to present questions and concerns to the Division. A court reporter will create a record of the hearing.

Do I Have to Attend the Hearing?

Your attendance at the hearing is optional.

How Do I Attend the Hearing?

You can join the hearing up to 15 minutes before its start time, from a device connected to the internet or by calling in via telephone.

- You do not have to speak if you join the hearing.
- If you join the hearing over an internet connection using a phone or tablet, you will need to download the Webex app.
- If you call in using your phone, or if you are using a web browser on a desktop computer, you do not need to download the Webex app.

Attend Hearing via Webex

[HTTPS://SIGNIN.WEBEX.COM/JOIN](https://signin.webex.com/join)

MEETING #:

MEETING PASSWORD:

Attend Hearing via Phone United States Toll-free

CALL:

ACCESS CODE:

How Do I Include My Comments on the Record?

If you speak at the hearing, your comments will be recorded. If you are unable to attend or uncomfortable speaking at the hearing but would like to include comments in the record, you may submit comments on this application by mail or email:

ODNR Division of Oil & Gas Resources Management
Unitization Section
2045 Morse Road, F-3
Columbus, Ohio 43229 or via email to unitization@dnr.ohio.gov

Who Filed

APPLICANT:

Proposed Drilling Location

UNIT NAME:

UNIT LOCATION:

Hearing Information

HEARING DATE:

HEARING TIME:

ATTACHMENTS:

SCAN TO JOIN MEETING



DEADLINE FOR COMMENTS

What Happens after the Hearing Is Held?

State law requires that within 60 days after the hearing the Division must issue an order approving or denying the application. All Chief's Orders are posted to the Division's website. The Chief of the Division must issue an order approving unitization if the applicant demonstrates that (1) the operation is reasonably necessary to increase substantially the ultimate recovery of oil and gas; and (2) the value of the estimated additional recovery of oil or gas exceeds the estimated additional cost incident to conducting the operation.

More Information

The Division has authority over the permitting, drilling, operating and plugging of oil and gas wells in Ohio. This authority ensures uniform statewide regulation of oil and gas activities and promotes conservation through the effective development of oil and gas resources for the "unitization" of tracts of lands.

Ohio law, like the laws of many oil and gas producing states, provides a means to combine mineral rights from individual tracts of land to form a drilling unit to efficiently and effectively develop the oil and/or gas resources beneath those tracts. Ohio Revised Code Section 1509.28 is commonly known as Ohio's unitization law.

Unitization is available when the owners of sixty-five percent of the land overlying a pool (or part of a pool) of oil and/or gas apply to the Division to operate the pool (or part of a pool) as a drilling unit.

After receiving a unitization application, the Division reviews it and, if it has been properly submitted, the Division sets a time for a hearing.

After the hearing, the Division considers all testimony presented at the hearing and any written comments received, and then decides if the application should be granted based upon the law. An order is then issued approving or denying the application. If the application is approved, the order establishing the unit will specify the terms and conditions for unit operation on a just and reasonable basis. An order approving the application allows the applicant to drill inside the unit once all other necessary permits have been obtained.

Following an approved application, an applicant may later request an amendment to the order. Amendments to a unit order must be made in the same manner and are subject to the same conditions as the order for unit operations, including that a hearing must be held on the request.

If You Have Questions Regarding Your Interest in the Proposed Unit:

General Information

<https://oilandgas.ohiodnr.gov/unitization>

Unitization@dnr.ohio.gov

(614) 265-6922



Ohio Revised Code 1509.28 Application for Unit Operations

Section 1. Applicant Information *Required*

1 Applicant Name:	Expand Operating LLC			Supplement <input type="checkbox"/>
2 Mailing Address:	10000 Energy Drive			
3 City / State / Zip:	Spring	TX	77389	
4 Office Phone:	(346) 443-6316			
5 Email:	Gray.Barghols@expandenergy.com			
6 Landman Name:	Gray Barghols			<input type="checkbox"/>
7 Mailing Address:	10000 Energy Drive			<input type="checkbox"/>
8 City / State / Zip:	Spring	TX	77389	<input type="checkbox"/>
9 Office Phone:	(346) 443-6316			<input type="checkbox"/>
10 Email:	Gray.Barghols@expandenergy.com			<input type="checkbox"/>
<i>If applicable</i>				
11 Attorney Name:	Mark A. Hylton			<input type="checkbox"/>
12 Firm Name:	Vorys, Sater, Seymour and Pease LLP			<input type="checkbox"/>
13 Mailing Address:	52 East Gay Street			<input type="checkbox"/>
14 City / State / Zip:	Columbus	OH	43215	<input type="checkbox"/>
15 Office Phone:	(614) 464-6303			<input type="checkbox"/>
16 Email:	mahylton@vorys.com			<input type="checkbox"/>

Section 2. Unit Information *Required*

1 Unit Name:	McFrederick G UP Unit			Supplement <input type="checkbox"/>
2 Unit Location: <i>Include all counties and townships</i>	Wayne Township, Belmont County, Ohio			
3 Number of Tracts:	24			
4 Total Unit Area: <i>In acres</i>	414.361 acres			
5 (a) Number of Proposed Wells:	One			
(b) Number of Existing Permitted & Drilled Wells: <i>Please identify by API Number and Well Name.</i>	N/A			<input type="checkbox"/>

Section 2 Unit Information - continued

6	Identification of the proposed pool or part of a pool:	Utica/Point Pleasant Formation	Supplement
7	Is this a request to amend an order for unit operations?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/>
8	If yes to question 7, explain why the request for amendment is being submitted:		
9	If yes to question 7, please identify the Chief's Order to be amended:		
10	Is the applicant the owner, or have the consent of the owner(s), (as defined in R.C. 1509.01 (K)) of at least 65% of the land overlying the pool or part of a pool that is the subject of the unitization request?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/>
11	If yes to question 10, what is the total acreage applicant is the owner of, and has the consent of the owner(s) of, in the proposed unit?	391.278 acres	<input type="checkbox"/>
12	If 70% or less of the acreage in the proposed unit is consenting acreage in the unit, identify the method that was used to determine the area:	<input type="checkbox"/> GPS <input type="checkbox"/> Survey <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Other: 	<input type="checkbox"/>
13	Does the unit include mineral interest owned by the State of Ohio? <i>If so, indicate the state agenc(ies) that own the mineral interest. If the state agency is unknown, list "unknown."</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 	<input type="checkbox"/>

Section 3. Exhibits Required

Exhibit A	A list identifying all mineral owners in the proposed unit, leased or unleased, including all working interest owners, in PDF and Excel format	Supplement <input type="checkbox"/>
Exhibit B	A plat map of the unit, identifying the counties, townships, section numbers, parcel boundaries, and all parcels in the unit, including the tract and corresponding parcel number	<input type="checkbox"/>
Exhibit C	A list identifying all parcels subject to pending ownership litigation or potential adverse ownership claims	<input type="checkbox"/>
Exhibit D	A color-coded map	<input type="checkbox"/>
Exhibit E	Gamma Ray Density or Gamma Ray resistivity geophysical type log <i>Optional only for requests to amend orders for unit operations</i>	<input type="checkbox"/>
Exhibit F	Cross-Section Location Map <i>Optional only for requests to amend orders for unit operations</i>	<input type="checkbox"/>
Exhibit G	Leasing Efforts & Affidavit of Leasing Efforts	<input type="checkbox"/>
Exhibit H	Owner List for Notice Purposes	<input type="checkbox"/>

Section 4. Mailing List (Excel) Required

Supplement

Section 5. Economic Calculation Summaries *Required*

Unitized Scenario

Well Name	Lateral Length (ft)	Measured Depth (ft)	Operating Costs (MM\$)	Capital Costs (MM\$)	Undiscounted Value of Estimated Recovery (MM\$)	PV0 (MM\$)	PV10 (MM\$)	Estimated Gross Recovery (BCFe)	Supplement
McFrederick G UP BLT 7H A	13,802	23,495	\$8.2	\$13.4	\$38.3	\$15.8	\$5.8	20.7	<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
Total:	13,802	23,495	\$8.2	\$13.4	\$38.3	\$15.8	\$5.8	20.7	<input type="checkbox"/>

Non-Unitized Scenario

Well Name	Lateral Length (ft)	Measured Depth (ft)	Operating Costs (MM\$)	Capital Costs (MM\$)	Undiscounted Value of Estimated Recovery (MM\$)	PV0 (MM\$)	PV10 (MM\$)	Estimated Gross Recovery (BCFe)	Supplement
McFrederick G UP BLT 7H A	940	11,023	\$2.6	\$6.5	\$2.5	\$(6.7)	\$(5.2)	1.4	<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
Total:	940	11,023	\$2.6	\$6.5	\$2.5	\$(6.7)	\$(5.2)	1.4	<input type="checkbox"/>

Difference

Well Name	Lateral Length (ft)	Measured Depth (ft)	Operating Costs (MM\$)	Capital Costs (MM\$)	Undiscounted Value of Estimated Recovery (MM\$)	PV0 (MM\$)	PV10 (MM\$)	Estimated Gross Recovery (BCFe)	Supplement
McFrederick G UP BLT 7H A	12,862	12,472	\$5.6	\$6.9	\$35.8	\$22.5	\$11.0	19.3	<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
Total:	12,862	12,472	\$5.6	\$6.9	\$35.8	\$22.5	\$11.0	19.3	<input type="checkbox"/>

Section 6. Attachments *Required*

Working Interest Approvals Form(s)

Applicant's Operating Agreement

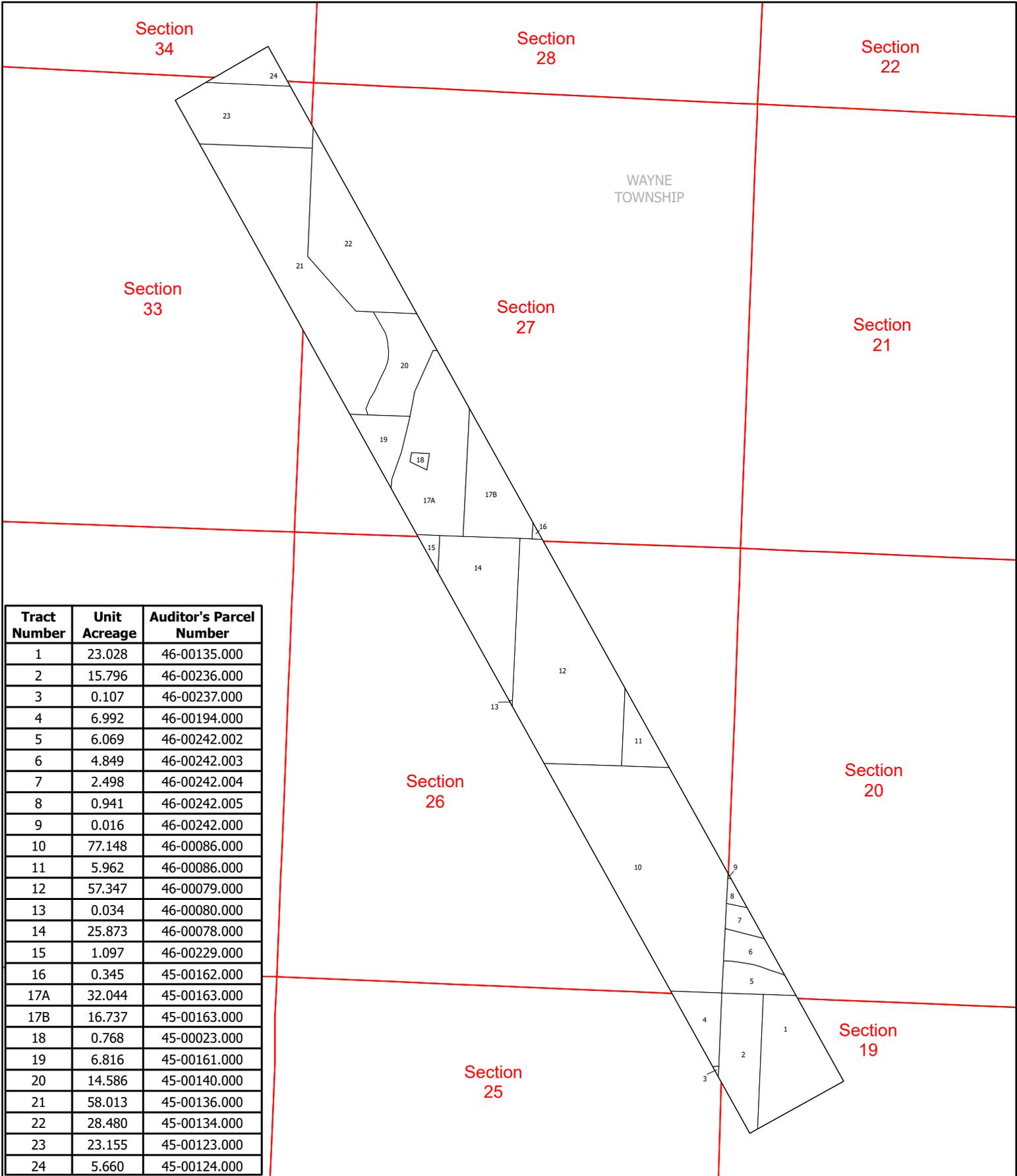
Affidavit of Operating Agreement (*if applicable*)

Georeferenced File

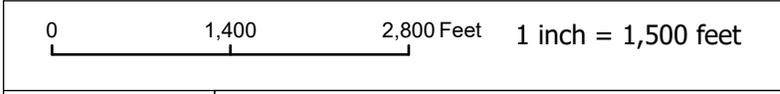
Optional only for requests to amend orders for unit operations

Supplement

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>



Tract Number	Unit Acreage	Auditor's Parcel Number
1	23.028	46-00135.000
2	15.796	46-00236.000
3	0.107	46-00237.000
4	6.992	46-00194.000
5	6.069	46-00242.002
6	4.849	46-00242.003
7	2.498	46-00242.004
8	0.941	46-00242.005
9	0.016	46-00242.000
10	77.148	46-00086.000
11	5.962	46-00086.000
12	57.347	46-00079.000
13	0.034	46-00080.000
14	25.873	46-00078.000
15	1.097	46-00229.000
16	0.345	45-00162.000
17A	32.044	45-00163.000
17B	16.737	45-00163.000
18	0.768	45-00023.000
19	6.816	45-00161.000
20	14.586	45-00140.000
21	58.013	45-00136.000
22	28.480	45-00134.000
23	23.155	45-00123.000
24	5.660	45-00124.000



 County Boundary
 Unit Boundary
 Section Lines

McFrederick G UP Unit

EXHIBIT B
 Unit Size: 414.361 Acres
 Wayne Township, Belmont County OH

Exhibit H - McFrederick G UP Unit				
Mineral Owners				
Name	Leased Yes or No	Tract Number(s)	Tax Map Parcel ID(s)	Surface Acres in Unit (Net)
AMP V, LP ATTN: Mark Phillip Thomas, Jr., COO	No	5	46-00242.002	5.690
Black Hawk Royalty III, LP ATTN: Ryan Cole	No	23	45-00123.000	2.862
	No	24	45-00124.000	0.700
Brenda Miller	Yes	5	46-00242.002	0.008
	Yes	6	46-00242.003	0.006
	Yes	7	46-00242.004	0.003
	Yes	8	46-00242.005	0.001
	Yes	9	46-00242.000	0.00001
BRI Enterprises, LLC ATTN: Isaac Beardmore	No	23	45-00123.000	0.232
	No	24	45-00124.000	0.057
Brushy Farm, LLC ATTN: Margaret D. Malanuk, Member	Yes	12	46-00079.000	57.347
	Yes	13	46-00080.000	0.034
	Yes	14	46-00078.000	25.873
Charles A. Winland and Regina L. Winland	Yes	2	46-00236.000	15.796
	Yes	3	46-00237.000	0.107
	Yes	4	46-00194.000	6.992
Charles L. Bowersock	No	5	46-00242.002	0.016
	No	6	46-00242.003	0.013
	No	7	46-00242.004	0.007
	No	8	46-00242.005	0.001
	No	9	46-00242.000	0.00002
Connie S. Ackerman	No	5	46-00242.002	0.042
	No	6	46-00242.003	0.034
	No	7	46-00242.004	0.017
	No	8	46-00242.005	0.003
Curve Resources, LLC ATTN: Matt Whitaker	No	9	46-00242.000	0.0001
	No	23	45-00123.000	2.209
	No	24	45-00124.000	0.540
David A. DiPerna	Yes	8	46-00242.005	0.0001
	Yes	9	46-00242.000	0.000002
David L. Detling and Nancy I. Detling	Yes	23	45-00123.000	11.578
	Yes	24	45-00124.000	2.830
Deborah Pearcy f/k/a Deborah Mahon	Yes	8	46-00242.005	0.0001
	Yes	9	46-00242.000	0.000002
Dennis G. Dalpiaz	Yes	5	46-00242.002	0.011
	Yes	6	46-00242.003	0.008
	Yes	7	46-00242.004	0.004
	Yes	8	46-00242.005	0.001
	Yes	9	46-00242.000	0.00001
Denzil O. LaFaber and Jane A. LaFaber Diane Cross	Yes	1	46-00135.000	23.028
	Yes	5	46-00242.002	0.021
	Yes	6	46-00242.003	0.017
	Yes	7	46-00242.004	0.009
	Yes	8	46-00242.005	0.002
Durga Minerals, LLC ATTN: Fred A. Adams, Member Emilia Dalpiaz Fluharty	Yes	9	46-00242.000	0.00003
	Yes	10	46-00086.000	77.148
	Yes	11	46-00086.000	5.962
	Yes	5	46-00242.002	0.011
	Yes	6	46-00242.003	0.008
Eric J. Wetter and Michele A. Wetter Gary L. Schafer	Yes	7	46-00242.004	0.004
	Yes	8	46-00242.005	0.001
	Yes	9	46-00242.000	0.00001
	Yes	9	46-00242.000	0.015
	No	5	46-00242.002	0.014
George J. Pavell IV	No	6	46-00242.003	0.011
	No	7	46-00242.004	0.006
	No	8	46-00242.005	0.001
	Yes	9	46-00242.000	0.00002
	No	8	46-00242.005	0.0002
GT Mineral Holdings, LLC ATTN: Ryan Searle	No	9	46-00242.000	0.000003
	No	23	45-00123.000	0.204
	No	24	45-00124.000	0.050
Helen Doudna	No	5	46-00242.002	0.014
	No	6	46-00242.003	0.011
	No	7	46-00242.004	0.006
	No	8	46-00242.005	0.001
	No	9	46-00242.000	0.00002
Helis Royalty Company LLC ATTN: David A. Kerstein	No	23	45-00123.000	1.553
	No	24	45-00124.000	0.380

James A. Wilson	No	7	46-00242.004	2.342
James R. DiPerna	No	8	46-00242.005	0.0001
	Yes	9	46-00242.000	0.000002
Jason Pavell	Yes	8	46-00242.005	0.0002
	Yes	9	46-00242.000	0.000003
Lou Anne Starkey	No	5	46-00242.002	0.016
	No	6	46-00242.003	0.013
	No	7	46-00242.004	0.007
	No	8	46-00242.005	0.001
Mary D. Oakes	No	9	46-00242.000	0.00002
	Yes	8	46-00242.005	0.0005
Matthew Dalpiaz	Yes	9	46-00242.000	0.00001
	Yes	5	46-00242.002	0.011
Matthew Pavell	Yes	6	46-00242.003	0.008
	Yes	7	46-00242.004	0.004
	Yes	8	46-00242.005	0.001
	Yes	9	46-00242.000	0.00001
	Yes	8	46-00242.005	0.0002
OGI, Inc. ATTN: Ryan Searle	Yes	9	46-00242.000	0.000003
	No	23	45-00123.000	0.552
Paula Boniphant Moreland	No	24	45-00124.000	0.135
	Yes	5	46-00242.002	0.021
Peggy Boniphant Briggs	Yes	6	46-00242.003	0.017
	Yes	7	46-00242.004	0.009
	Yes	8	46-00242.005	0.002
	Yes	9	46-00242.000	0.00003
	Yes	5	46-00242.002	0.021
Percy Holdings, LLC ATTN: Jim Percy	Yes	6	46-00242.003	0.017
	Yes	7	46-00242.004	0.009
	Yes	8	46-00242.005	0.002
	Yes	9	46-00242.000	0.00003
Richard D. Gibson	No	23	45-00123.000	0.920
	No	24	45-00124.000	0.225
	No	5	46-00242.002	0.063
	No	6	46-00242.003	0.051
	No	7	46-00242.004	0.026
Robin Thomas	No	8	46-00242.005	0.005
	No	9	46-00242.000	0.0001
	No	8	46-00242.005	0.0001
	No	9	46-00242.000	0.000002
	Yes	21	45-00136.000	58.013
Steed Family Trust, dated June 11, 2025 ATTN: Marvin D. Steed and Michele K. Steed, Co-Trustees	Yes	22	45-00134.000	28.480
	No	5	46-00242.002	0.016
Stephen B. Copeland	No	6	46-00242.003	0.013
	No	7	46-00242.004	0.007
	No	8	46-00242.005	0.001
	No	9	46-00242.000	0.00002
Strategic Energy Income Fund III LP ATTN: Brandon Standifird, CFO	Yes	6	46-00242.003	2.046
Strategic Energy Income Fund IV LP ATTN: Brandon Standifird, CFO	Yes	6	46-00242.003	2.500
Sunshine Minerals, LLC ATTN: Larry Eikleberry, Member	Yes	18	45-00023.000	0.768
	Yes	20	45-00140.000	14.586
Ted R. and Tracey L. Ujvari, fka Tracey L. Smith	Yes	8	46-00242.005	0.882
Teresa L. Babka	Yes	5	46-00242.002	0.008
	Yes	6	46-00242.003	0.006
	Yes	7	46-00242.004	0.003
	Yes	8	46-00242.005	0.001
	Yes	9	46-00242.000	0.00001
Unknown Heirs or Assigns of A. W. Cowgill	No	8	46-00242.005	0.003
	No	9	46-00242.000	0.0001
Unknown Heirs or Assigns of E.C. Young	No	8	46-00242.005	0.003
	No	9	46-00242.000	0.0001
Unknown Heirs or Assigns of F.C. Young	No	8	46-00242.005	0.003
	No	9	46-00242.000	0.0001
Unknown Heirs or Assigns of George Minch	No	8	46-00242.005	0.003
	No	9	46-00242.000	0.0001
Unknown Heirs or Assigns of George W. Wright	No	8	46-00242.005	0.002
	No	9	46-00242.000	0.00003
Unknown Heirs or Assigns of Ida V. Wright	No	8	46-00242.005	0.002
	No	9	46-00242.000	0.00003

Unknown Heirs or Assigns of Jessie Mann	No	5	46-00242.002	0.032
	No	6	46-00242.003	0.025
	No	7	46-00242.004	0.013
	No	8	46-00242.005	0.002
	No	9	46-00242.000	0.00004
Unknown Heirs or Assigns of John F. Rehm	No	8	46-00242.005	0.006
	No	9	46-00242.000	0.0001
Unknown Heirs or Assigns of John S. Coffland	No	8	46-00242.005	0.006
	No	9	46-00242.000	0.0001
Unknown Heirs or Assigns of M. L. Truax (NPRI)	Yes	17B	45-00163.000	16.737
Unknown Heirs or Assigns of Norma Lee Rossiter	No	8	46-00242.005	0.0005
	No	9	46-00242.000	0.00001
Unknown Heirs or Assigns of Ruth Nicholes Clark	No	5	46-00242.002	0.042
	No	6	46-00242.003	0.034
	No	7	46-00242.004	0.017
	No	8	46-00242.005	0.003
	No	9	46-00242.000	0.0001
Vickie Schafer Clayton	No	5	46-00242.002	0.014
	No	6	46-00242.003	0.011
	No	7	46-00242.004	0.006
	No	8	46-00242.005	0.001
	No	9	46-00242.000	0.00002
Viking Minerals, LLC ATTN: William Ransome Oliver	No	23	45-00123.000	0.920
	No	24	45-00124.000	0.225
Walter Production, Inc. ATTN: Ron A. Wilson	No	23	45-00123.000	1.553
	No	24	45-00124.000	0.380
Warfield Properties, LLC ATTN: Daniel Warfield, Member	Yes	15	46-00229.000	1.097
	Yes	16	45-00162.000	0.345
	Yes	17A	45-00163.000	32.044
	Yes	17B	45-00163.000	16.737
	Yes	19	45-00161.000	6.816
Wind River Resources, Inc. ATTN: William Heiss	No	23	45-00123.000	0.572
	No	24	45-00124.000	0.140

Working Interest Owners				
Name	Leased Yes or No	Tract Number(s)	Tax Map Parcel ID(s)	Surface Acres in Unit (Net)
Expand Appalachia LLC ATTN: Gray Barghols	Yes	1	46-00135.000	23.028
	Yes	2	46-00236.000	15.796
	Yes	3	46-00237.000	0.107
	Yes	4	46-00194.000	6.992
	Yes	5	46-00242.002	0.008
	Yes	5	46-00242.002	0.008
	Yes	5	46-00242.002	0.021
	Yes	5	46-00242.002	0.021
	Yes	5	46-00242.002	0.021
	Yes	5	46-00242.002	0.011
	Yes	5	46-00242.002	0.011
	Yes	5	46-00242.002	0.011
	Yes	6	46-00242.003	2.500
	Yes	6	46-00242.003	2.046
	Yes	6	46-00242.003	0.006
	Yes	6	46-00242.003	0.006
	Yes	6	46-00242.003	0.017
	Yes	6	46-00242.003	0.017
	Yes	6	46-00242.003	0.017
	Yes	6	46-00242.003	0.008
	Yes	6	46-00242.003	0.008
	Yes	6	46-00242.003	0.008
	Yes	7	46-00242.004	0.003
	Yes	7	46-00242.004	0.003
	Yes	7	46-00242.004	0.009
	Yes	7	46-00242.004	0.009
	Yes	7	46-00242.004	0.009
	Yes	7	46-00242.004	0.004
	Yes	7	46-00242.004	0.004
	Yes	7	46-00242.004	0.004
	Yes	8	46-00242.005	0.882
	Yes	8	46-00242.005	0.001
Yes	8	46-00242.005	0.001	
Yes	8	46-00242.005	0.002	
Yes	8	46-00242.005	0.002	
Yes	8	46-00242.005	0.002	

Expand Appalachia LLC [cont'd]
 ATTN: Gray Barghols

Yes	8	46-00242.005	0.001
Yes	8	46-00242.005	0.001
Yes	8	46-00242.005	0.001
Yes	8	46-00242.005	0.0005
Yes	8	46-00242.005	0.0002
Yes	8	46-00242.005	0.0002
Yes	8	46-00242.005	0.0001
Yes	8	46-00242.005	0.0001
Yes	9	46-00242.000	0.015
Yes	9	46-00242.000	0.00001
Yes	9	46-00242.000	0.00001
Yes	9	46-00242.000	0.00003
Yes	9	46-00242.000	0.00003
Yes	9	46-00242.000	0.00003
Yes	9	46-00242.000	0.00001
Yes	9	46-00242.000	0.00001
Yes	9	46-00242.000	0.00001
Yes	9	46-00242.000	0.00002
Yes	9	46-00242.000	0.00001
Yes	9	46-00242.000	0.000003
Yes	9	46-00242.000	0.000003
Yes	9	46-00242.000	0.000002
Yes	9	46-00242.000	0.000002
Yes	9	46-00242.000	0.000002
Yes	9	46-00242.000	0.000002
Yes	10	46-00086.000	77.148
Yes	11	46-00086.000	5.962
Yes	12	46-00079.000	57.347
Yes	13	46-00080.000	0.034
Yes	14	46-00078.000	25.873
Yes	15	46-00229.000	1.097
Yes	16	45-00162.000	0.345
Yes	17A	45-00163.000	32.044
Yes	17B	45-00163.000	16.737
Yes	18	45-00023.000	0.768
Yes	19	45-00161.000	6.816
Yes	20	45-00140.000	14.586
Yes	21	45-00136.000	58.013
Yes	22	45-00134.000	28.480
Yes	23	45-00123.000	11.578
Yes	24	45-00124.000	2.830

Potential Mineral Interest and Working Interest Owners				
Name	Leased Yes or No	Tract Number(s)	Tax Map Parcel ID(s)	Potential Surface Acres in Unit (Net)
Amy Mann Baker	No	5	46-00242.002	0.032
	No	6	46-00242.003	0.025
	No	7	46-00242.004	0.013
	No	8	46-00242.005	0.002
	No	9	46-00242.000	0.00004
Andrew Ainslie	No	8	46-00242.005	0.003
	No	9	46-00242.000	0.0001
Ann A. Kaczmarowski	No	8	46-00242.005	0.003
	No	9	46-00242.000	0.0001
Barbara A. Hartlieb	Yes	8	46-00242.005	0.006
	Yes	9	46-00242.000	0.0001
Barbara Mann Triplett	Yes	5	46-00242.002	0.032
	Yes	6	46-00242.003	0.025
	Yes	7	46-00242.004	0.013
	Yes	8	46-00242.005	0.002
	Yes	9	46-00242.000	0.00004
Bruce Ainslie	No	8	46-00242.005	0.003
	No	9	46-00242.000	0.0001
Cheryl Rogers	Yes	8	46-00242.005	0.006
	Yes	9	46-00242.000	0.0001
Darren Mann	No	5	46-00242.002	0.032
	No	6	46-00242.003	0.025
	No	7	46-00242.004	0.013
	No	8	46-00242.005	0.002
	No	9	46-00242.000	0.00004
Deborah S. Rogers	No	8	46-00242.005	0.006
	No	9	46-00242.000	0.0001

George Robert Ainslie, Jr.	No	8	46-00242.005	0.003
	No	9	46-00242.000	0.0001
James S. Rogers Jr.	No	8	46-00242.005	0.006
	No	9	46-00242.000	0.0001
Jean A. Richardson	No	8	46-00242.005	0.003
	No	9	46-00242.000	0.0001
Jeffrey Jackson	No	8	46-00242.005	0.002
	No	8	46-00242.005	0.002
	No	9	46-00242.000	0.00003
	No	9	46-00242.000	0.00003
Josephine Halterman	No	8	46-00242.005	0.002
	No	8	46-00242.005	0.002
	No	9	46-00242.000	0.00003
	No	9	46-00242.000	0.00003
K. Drake Klotzman	No	8	46-00242.005	0.003
	No	9	46-00242.000	0.0001
Laurie Lyn Makoski	No	8	46-00242.005	0.002
	No	8	46-00242.005	0.002
	No	9	46-00242.000	0.00003
	No	9	46-00242.000	0.00003
Linda M. Kenneback	Yes	8	46-00242.005	0.006
	Yes	9	46-00242.000	0.0001
Malcolm Ainslie	No	8	46-00242.005	0.003
	No	9	46-00242.000	0.0001
Mary Ann Lucas	Yes	5	46-00242.002	0.042
	Yes	6	46-00242.003	0.034
	Yes	7	46-00242.004	0.017
	Yes	8	46-00242.005	0.003
	Yes	9	46-00242.000	0.0001
Michael Jackson	No	8	46-00242.005	0.002
	No	8	46-00242.005	0.002
	No	9	46-00242.000	0.00003
	No	9	46-00242.000	0.00003
Nancy Wright	No	8	46-00242.005	0.002
	No	8	46-00242.005	0.002
	No	9	46-00242.000	0.00003
	No	9	46-00242.000	0.00003
Patricia D. Mann	Yes	5	46-00242.002	0.032
	Yes	6	46-00242.003	0.025
	Yes	7	46-00242.004	0.013
	Yes	8	46-00242.005	0.002
	Yes	9	46-00242.000	0.00004
Patricia L. Clark	Yes	5	46-00242.002	0.042
	Yes	6	46-00242.003	0.034
	Yes	7	46-00242.004	0.017
	Yes	8	46-00242.005	0.003
	Yes	9	46-00242.000	0.0001
Paul Clark	Yes	5	46-00242.002	0.042
	Yes	6	46-00242.003	0.034
	Yes	7	46-00242.004	0.017
	Yes	8	46-00242.005	0.003
	Yes	9	46-00242.000	0.0001
Paul H. Cowgill	No	8	46-00242.005	0.003
	No	9	46-00242.000	0.0001
Richard C. Clark	Yes	5	46-00242.002	0.042
	Yes	6	46-00242.003	0.034
	Yes	7	46-00242.004	0.017
	Yes	8	46-00242.005	0.003
	Yes	9	46-00242.000	0.0001
Richard M. Searpulla	No	8	46-00242.005	0.006
	No	9	46-00242.000	0.0001
Roger L. Clark	Yes	5	46-00242.002	0.042
	Yes	6	46-00242.003	0.034
	Yes	7	46-00242.004	0.017
	Yes	8	46-00242.005	0.003
	Yes	9	46-00242.000	0.0001
Sally A. Hogan	No	8	46-00242.005	0.006
	No	9	46-00242.000	0.0001
Scott Ainslie	No	8	46-00242.005	0.003
	No	9	46-00242.000	0.0001
Terry L. Wright	No	8	46-00242.005	0.002
	No	8	46-00242.005	0.002
	No	9	46-00242.000	0.00003
	No	9	46-00242.000	0.00003

Terry Mann	Yes	5	46-00242.002	0.032
	Yes	6	46-00242.003	0.025
	Yes	7	46-00242.004	0.013
	Yes	8	46-00242.005	0.002
	Yes	9	46-00242.000	0.00004
Tim Clark	No	5	46-00242.002	0.042
	No	6	46-00242.003	0.034
	No	7	46-00242.004	0.017
	No	8	46-00242.005	0.003
	No	9	46-00242.000	0.0001
Tracy J. Chittester	No	5	46-00242.002	0.032
	No	6	46-00242.003	0.025
	No	7	46-00242.004	0.013
	No	8	46-00242.005	0.002
	No	9	46-00242.000	0.00004
Tricia J. Senger	No	5	46-00242.002	0.032
	No	6	46-00242.003	0.025
	No	7	46-00242.004	0.013
	No	8	46-00242.005	0.002
	No	9	46-00242.000	0.00004
Unknown Heirs or Assigns of Charles Wright	No	8	46-00242.005	0.002
	No	8	46-00242.005	0.002
	No	9	46-00242.000	0.00003
	No	9	46-00242.000	0.00003
Unknown Heirs or Assigns of Dorothy Wright	No	8	46-00242.005	0.002
	No	8	46-00242.005	0.002
	No	9	46-00242.000	0.00003
	No	9	46-00242.000	0.00003
Unknown Heirs or Assigns of Edith Rose Fitch	No	8	46-00242.005	0.003
	No	9	46-00242.000	0.0001
Unknown Heirs or Assigns of Elizabeth Patton	No	8	46-00242.005	0.002
	No	8	46-00242.005	0.002
	No	9	46-00242.000	0.00003
	No	9	46-00242.000	0.00003
Unknown Heirs or Assigns of George Ainslie III	No	8	46-00242.005	0.003
	No	9	46-00242.000	0.0001
Unknown Heirs or Assigns of George Dean Minch	No	8	46-00242.005	0.003
	No	9	46-00242.000	0.0001
Unknown Heirs or Assigns of Howard J. Coffland	No	8	46-00242.005	0.006
	No	9	46-00242.000	0.0001
Unknown Heirs or Assigns of Howard Minch	No	8	46-00242.005	0.003
	No	9	46-00242.000	0.0001
Unknown Heirs or Assigns of Larry Mann	No	5	46-00242.002	0.032
	No	6	46-00242.003	0.025
	No	7	46-00242.004	0.013
	No	8	46-00242.005	0.002
	No	9	46-00242.000	0.00004
Unknown Heirs or Assigns of Lois G. Woodruff	No	8	46-00242.005	0.006
	No	9	46-00242.000	0.0001
Unknown Heirs or Assigns of Marjorie Knight	No	8	46-00242.005	0.002
	No	8	46-00242.005	0.002
	No	9	46-00242.000	0.00003
	No	9	46-00242.000	0.00003
Unknown Heirs or Assigns of Norma Fry	No	8	46-00242.005	0.002
	No	8	46-00242.005	0.002
	No	9	46-00242.000	0.00003
	No	9	46-00242.000	0.00003
Valerie Dean Moore	No	8	46-00242.005	0.002
	No	8	46-00242.005	0.002
	No	9	46-00242.000	0.00003
	No	9	46-00242.000	0.00003
Wilson D. Klotzman, Jr.	No	8	46-00242.005	0.003
	No	9	46-00242.000	0.0001

NPRI = Non-Participating Royalty Interest