

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
2 Mailing Address:	10000 Energy Drive			<input type="checkbox"/>
3 City / State / Zip:	Spring	TX	77389	<input type="checkbox"/>
4 Office Phone:	(346) 443-6316			<input type="checkbox"/>
5 Email:	Gray.Barghols@expandenergy.com			<input type="checkbox"/>
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:	Paul Holiday H UP Unit			
2 Unit Location: <i>Include all counties and townships</i>	Center and Sunsbury Townships, Monroe County, Ohio			
3 Number of Tracts:	48			Supplement <input type="checkbox"/>
4 Total Unit Area: <i>In acres</i>	579.626 acres			<input type="checkbox"/>
5 (a) Number of Proposed Wells:	One			<input type="checkbox"/>
(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	<i>Supplement</i>
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?	478.459 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	<i>Supplement</i>
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
Paul Holiday H UP MNR 10H	15,789	25,926	\$4.8	\$12.3	\$42.4	\$24.1	\$10.9	23.2	<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
Total:	15,789	25,926	\$4.8	\$12.3	\$42.4	\$24.1	\$10.9	23.2	<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
Paul Holiday H UP MNR 10H	2,168	12,305	\$2.8	\$5.5	\$5.3	\$(3.2)	\$(2.6)	3.2	<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
Total:	2,168	12,305	\$2.8	\$5.5	\$5.3	\$(3.2)	\$(2.6)	3.2	<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
Paul Holiday H UP MNR 10H	13,621	13,621	\$2.0	\$6.8	\$37.1	\$27.3	\$13.5	20.0	<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
Total:	13,621	13,621	\$2.0	\$6.8	\$37.1	\$27.3	\$13.5	20.0	<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"/>

Section 7. Attestation Required

If this is the original application or a request to amend an order for unit operations, submit Attestation A.

Attestation A

I Gray Barghols (NAME) on behalf of Expand Operating LLC (APPLICANT) am competent and authorized to testify on the matters contained in this affidavit and application.

Pursuant to Ohio Revised Code 1509.28, Applicant files this application with the Chief of the Division of Oil and Gas Resources Management (DOGRM) requesting an order authorizing unit operations or to amend an order for unit operations as indicated above and in the attachments to this application.

As of the date this application is signed, Applicant is the owner, or has the consent of the owner, as that term is defined in Ohio Revised Code 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.

Further, Applicant has exercised reasonable due diligence in their efforts to identify and locate all mineral interest owners within the proposed unit and ascertain their current addresses prior to filing this application with DOGRM.

These efforts included:

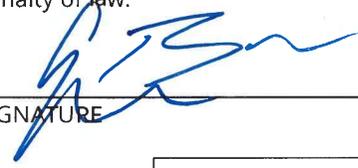
List as applicable: Performing title work, court records, reviewing marriage and birth records, death records, searching county auditor tax records, searching records maintained by the United States Postal Service, utilizing electronic resources, etc.

performing title work, including reviewing court, birth, marriage, and death records and county auditor tax records, and utilizing electronic resources (e.g., telephone and address listings, heirship research).

Where it was not reasonably possible or practicable to identify all of mineral interest owners' identities or addresses, Applicant will provide notice by publication of a hearing.

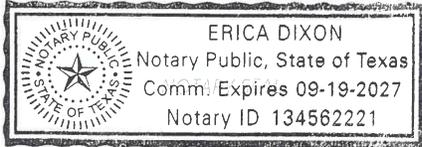
To the best of Applicant's knowledge and belief, the names and addresses of mineral interest owners it provided with this application are accurate. I understand the DOGRM relies on the statements and representations contained in this application to process this application. Nothing in this application constitutes a waiver of right in law or equity by DOGRM or Applicant.

My signature below certifies that the information provided is true and accurate to the best of my knowledge, under penalty of law.

	<u>Gray Barghols</u>	<u>Staff Landman</u>
SIGNATURE	PRINT NAME	TITLE

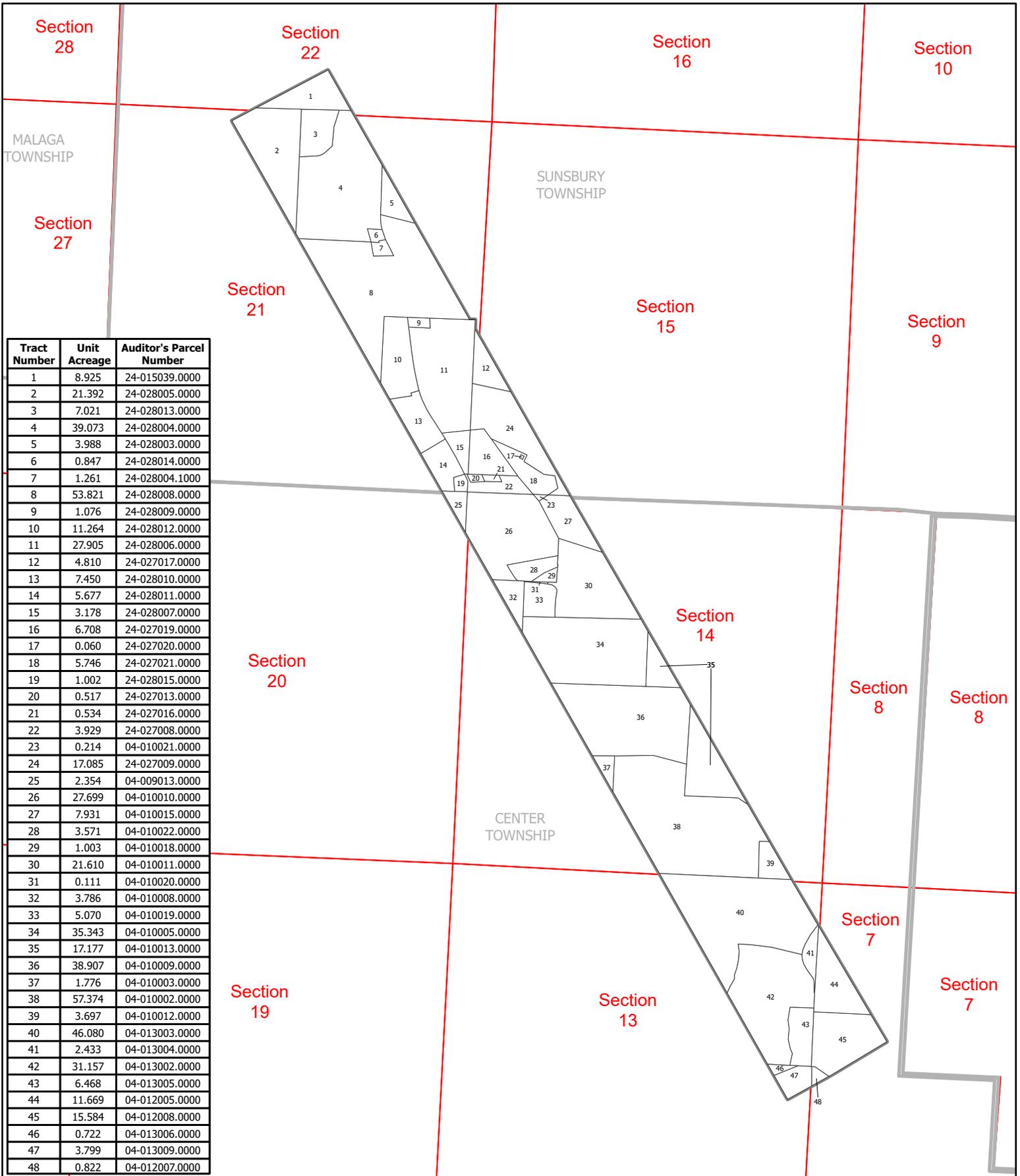
STATE OF	<u>Texas</u>
COUNTY OF	<u>Harris</u>

Sworn to before me and subscribed in my presence on this 16th day of September, 2025.
MONTH YEAR




NOTARY PUBLIC

My commission expires 9/19/2027.



Tract Number	Unit Acreage	Auditor's Parcel Number
1	8.925	24-015039.0000
2	21.392	24-028005.0000
3	7.021	24-028013.0000
4	39.073	24-028004.0000
5	3.988	24-028003.0000
6	0.847	24-028014.0000
7	1.261	24-028004.1000
8	53.821	24-028008.0000
9	1.076	24-028009.0000
10	11.264	24-028012.0000
11	27.905	24-028006.0000
12	4.810	24-027017.0000
13	7.450	24-028010.0000
14	5.677	24-028011.0000
15	3.178	24-028007.0000
16	6.708	24-027019.0000
17	0.060	24-027020.0000
18	5.746	24-027021.0000
19	1.002	24-028015.0000
20	0.517	24-027013.0000
21	0.534	24-027016.0000
22	3.929	24-027008.0000
23	0.214	04-010021.0000
24	17.085	24-027009.0000
25	2.354	04-009013.0000
26	27.699	04-010010.0000
27	7.931	04-010015.0000
28	3.571	04-010022.0000
29	1.003	04-010018.0000
30	21.610	04-010011.0000
31	0.111	04-010020.0000
32	3.786	04-010008.0000
33	5.070	04-010019.0000
34	35.343	04-010005.0000
35	17.177	04-010013.0000
36	38.907	04-010009.0000
37	1.776	04-010003.0000
38	57.374	04-010002.0000
39	3.697	04-010012.0000
40	46.080	04-013003.0000
41	2.433	04-013004.0000
42	31.157	04-013002.0000
43	6.468	04-013005.0000
44	11.669	04-012005.0000
45	15.584	04-012008.0000
46	0.722	04-013006.0000
47	3.799	04-013009.0000
48	0.822	04-012007.0000

0 1,700 3,400 Feet 1 inch = 1,800 feet

County Boundary
 Unit Boundary
 Section Lines

Paul Holiday H UP Unit

EXHIBIT B

Unit Size: 579.626 Acres
Center and Sunsbury Townships, Monroe County OH

Exhibit H - Paul Holiday H UP Unit				
Mineral Owners				
Name	Leased Yes or No	Tract Number(s)	Tax Map Parcel ID(s)	Surface Acres in Unit (Net)
Audrey S. Dillon, Trustee of the Dillon Legacy Trust, dated 8/29/2014	Yes	35	04-010013.0000	17.177
Bounty Minerals, LLC	Yes	37	04-010003.0000	1.421
ATTN: Tracie R. Palmer, President	Yes	38	04-010002.0000	45.899
C. Jerry Phillips	Yes	43	04-013005.0000	6.468
Camden Michael Baugh	Yes	9	24-028009.0000	0.002
	Yes	10	24-028012.0000	0.020
	Yes	11	24-028006.0000	0.048
	Yes	13	24-028010.0000	0.013
	Yes	14	24-028011.0000	0.010
	Yes	19	24-028015.0000	0.002
Carson McCurdy	Yes	10	24-028012.0000	5.632
	Yes	13	24-028010.0000	3.725
	Yes	14	24-028011.0000	2.839
	Yes	19	24-028015.0000	0.501
	Yes	46	04-013006.0000	0.722
Chad Heil	Yes	9	24-028009.0000	0.015
	Yes	10	24-028012.0000	0.156
	Yes	11	24-028006.0000	0.388
	Yes	13	24-028010.0000	0.103
	Yes	14	24-028011.0000	0.079
	Yes	19	24-028015.0000	0.014
Charles J. Schaefer and Linda S. Schaefer, Trustees of the Schaefer Revocable Living Trust, UAD 11/6/1998	Yes	11	24-028006.0000	13.953
Dale E. Feldner and Donella K. Feldner, husband and wife	Yes	41	04-013004.0000	2.433
	Yes	44	04-012005.0000	11.669
David Seladoki	Yes	9	24-028009.0000	0.015
	Yes	10	24-028012.0000	0.156
	Yes	11	24-028006.0000	0.388
	Yes	13	24-028010.0000	0.103
	Yes	14	24-028011.0000	0.079
	Yes	19	24-028015.0000	0.014
Deborah A. Neuhart	Yes	9	24-028009.0000	0.030
	Yes	10	24-028012.0000	0.313
	Yes	11	24-028006.0000	0.775
	Yes	13	24-028010.0000	0.207
	Yes	14	24-028011.0000	0.158
	Yes	19	24-028015.0000	0.028
Del Rio III SPV III, LLC	Yes	40	04-013003.0000	46.080
ATTN: Craig Brede				
Donna D. Hackman	No	9	24-028009.0000	0.090
	Yes	10	24-028012.0000	0.939
	Yes	11	24-028006.0000	2.325
	Yes	13	24-028010.0000	0.621
	Yes	14	24-028011.0000	0.473
	Yes	19	24-028015.0000	0.084
Edward Patrick Ryan (NPRI)	Yes	8	24-028008.0000	53.821
Edward Thomas Ryan (NPRI)	Yes	8	24-028008.0000	53.821
Eric D Moore	Yes	32	04-010008.0000	3.786
George C. Clark	Yes	20	24-027013.0000	0.517
	Yes	21	24-027016.0000	0.534
George Riser and Randall Riser	Yes	22	24-027008.0000	3.929
	Yes	25	04-009013.0000	2.354
	Yes	26	04-010010.0000	27.699
Golden Eagle Resources II-C, LLC	No	47	04-013009.0000	1.900
ATTN: Michael Faust	No	48	04-012007.0000	0.411
Heavens Acres, LLC	Yes	8	24-028008.0000	53.821
ATTN: Christopher Dickson and Karen Dickson				
Horizon Resources III, LLC	Yes	15	24-028007.0000	3.178
ATTN: Jason D. Dean, CEO	Yes	16	24-027019.0000	6.708
	Yes	17	24-027020.0000	0.060
	Yes	18	24-027021.0000	5.746
	Yes	23	04-010021.0000	0.214
	Yes	24	24-027009.0000	17.085
	Yes	27	04-010015.0000	7.931
Jaime Swallie	Yes	9	24-028009.0000	0.269
Janet M. Ryan (NPRI)	Yes	8	24-028008.0000	53.821

Jobe Matthew Stapp a/k/a Jobe Matthew Scott Inman ATTN: Tyler Nicole Inman, as Guardian	No	9	24-028009.0000	0.007
	No	10	24-028012.0000	0.078
	No	11	24-028006.0000	0.194
	No	13	24-028010.0000	0.052
	No	14	24-028011.0000	0.039
Justin Matthew Stapp	No	19	24-028015.0000	0.007
	Yes	9	24-028009.0000	0.002
	Yes	10	24-028012.0000	0.020
	Yes	11	24-028006.0000	0.048
	Yes	13	24-028010.0000	0.013
Koehler Knob Dairy Farms, LLC ATTN: Debbie S. Koehler	Yes	14	24-028011.0000	0.010
	Yes	19	24-028015.0000	0.002
	Yes	5	24-028003.0000	3.988
	Yes	9	24-028009.0000	0.269
	Yes	9	24-028009.0000	0.002
Kris Anthony Stephens Lindsay Adaline Edgington f/k/a Lindsay Adaline Baugh	Yes	10	24-028012.0000	0.020
	Yes	11	24-028006.0000	0.048
	Yes	13	24-028010.0000	0.013
	Yes	14	24-028011.0000	0.010
	Yes	19	24-028015.0000	0.002
Marshall W. Burggraf Michael Seladoki	No	33	04-010019.0000	5.070
	Yes	9	24-028009.0000	0.015
	Yes	10	24-028012.0000	0.156
	Yes	11	24-028006.0000	0.388
	Yes	13	24-028010.0000	0.103
Nancy R. Mick	Yes	14	24-028011.0000	0.079
	Yes	19	24-028015.0000	0.014
	No	9	24-028009.0000	0.090
	Yes	10	24-028012.0000	0.939
	Yes	11	24-028006.0000	2.325
Nathan McKelvey	Yes	13	24-028010.0000	0.621
	Yes	14	24-028011.0000	0.473
	Yes	19	24-028015.0000	0.084
	Yes	9	24-028009.0000	0.030
	Yes	10	24-028012.0000	0.313
Nelson E. Kindall	Yes	11	24-028006.0000	0.775
	Yes	13	24-028010.0000	0.207
	Yes	14	24-028011.0000	0.158
	Yes	19	24-028015.0000	0.028
	Yes	9	24-028009.0000	0.030
Norris F. Whitaker, Jr.	Yes	10	24-028012.0000	0.313
	Yes	11	24-028006.0000	0.775
	Yes	13	24-028010.0000	0.207
	Yes	14	24-028011.0000	0.158
	Yes	19	24-028015.0000	0.028
Pamela Napier-Uhl Pandora J. Neuhart, Trustee of the Pandora J. Neuhart Revocable Living Trust, dated September 26, 2016	Yes	9	24-028009.0000	0.090
	Yes	10	24-028012.0000	0.939
	Yes	11	24-028006.0000	2.325
	Yes	13	24-028010.0000	0.621
	Yes	14	24-028011.0000	0.473
Paul E. Holiday, Jr. Paul E. Holiday, Jr. (Remainderman) Paul E. Holiday, Sr. Paul E. Holiday, Sr. (Life Tenant)	Yes	19	24-028015.0000	0.084
	Yes	39	04-010012.0000	0.462
	Yes	9	24-028009.0000	0.030
	Yes	10	24-028012.0000	0.313
	Yes	11	24-028006.0000	0.775
Raymond W. Bauman Rhonda Ouimet Robert Michael Ryan (NPRD) Roman Catholic Diocese of Steubenville ATTN: Edward M. Lohse, Successor Bishop and Trustee	Yes	13	24-028010.0000	0.207
	Yes	14	24-028011.0000	0.158
	Yes	19	24-028015.0000	0.028
	Yes	4	24-028004.0000	19.537
	Yes	6	24-028014.0000	0.847
Rose Fazekas RT Fin 2023 LLC ATTN: Brad Carpenter	Yes	2	24-028005.0000	21.392
	Yes	6	24-028014.0000	0.847
	Yes	30	04-010011.0000	21.610
	Yes	39	04-010012.0000	0.462
	Yes	8	24-028008.0000	53.821
No	7	24-028004.1000	1.261	

RTB Minerals, LLC ATTN: David E. Beck, Authorized Member	Yes	36	04-010009.0000	38.907
	Yes	37	04-010003.0000	0.355
	Yes	38	04-010002.0000	11.475
	Yes	42	04-013002.0000	31.157
Ruth A. Billiter	Yes	45	04-012008.0000	15.584
Ruth M. Paine (NPRI)	Yes	8	24-028008.0000	53.821
Scott A. Clark	Yes	28	04-010022.0000	3.571
	Yes	29	04-010018.0000	1.003
	Yes	31	04-010020.0000	0.111
Sharon Albrecht (NPRI)	Yes	46	04-013006.0000	0.722
Sherry L. Kelley	No	9	24-028009.0000	0.090
	Yes	10	24-028012.0000	0.939
	Yes	11	24-028006.0000	2.325
	Yes	13	24-028010.0000	0.621
	Yes	14	24-028011.0000	0.473
	Yes	19	24-028015.0000	0.084
Stephen A. Holiday and Lorraine J. Holiday, husband and wife	Yes	3	24-028013.0000	7.021
Stephen Holiday	Yes	4	24-028004.0000	19.537
Stephen Holiday (Remainderman)	Yes	6	24-028014.0000	0.847
T.O. Dickey (NPRI)	Yes	46	04-013006.0000	0.722
Tamara Ripnick	Yes	39	04-010012.0000	0.462
Tree Hugger Minerals, LLC ATTN: Thelma Smith, Managing Member	Yes	1	24-015039.0000	8.925
Unknown Heirs or Assigns of Benjamin Staudt (NPRI)	Yes	8	24-028008.0000	53.821
Unknown Heirs or Assigns of C. W. Kerr (NPRI)	Yes	8	24-028008.0000	53.821
Unknown Heirs or Assigns of Ella Mae LaFollette (NPRI)	Yes	3	24-028013.0000	7.021
	Yes	4	24-028004.0000	19.537
	Yes	4	24-028004.0000	19.537
Unknown Heirs or Assigns of Forrest R. Moore (NPRI)	Yes	3	24-028013.0000	7.021
	Yes	4	24-028004.0000	19.537
	Yes	4	24-028004.0000	19.537
Unknown Heirs or Assigns of Harry C. Smith (NPRI)	Yes	41	04-013004.0000	2.433
	Yes	44	04-012005.0000	11.669
Unknown Heirs or Assigns of John Ramsier (NPRI)	Yes	31	04-010020.0000	0.111
	No	33	04-010019.0000	5.070
	No	34	04-010005.0000	35.343
Unknown Heirs or Assigns of Lawrence Gallaher (NPRI)	Yes	38	04-010002.0000	45.899
	Yes	38	04-010002.0000	11.475
Unknown Heirs or Assigns of Ruth Gillespie	No	34	04-010005.0000	35.343
Unknown Heirs or Assigns of Ruth K. Gillespie (NPRI)	Yes	44	04-012005.0000	11.669
Unknown Heirs or Assigns of T.J. Kremer, Jr. (NPRI)	Yes	44	04-012005.0000	11.669
Unknown Heirs or Assigns of Thomas B. Rouse (NPRI)	Yes	41	04-013004.0000	2.433
Unknown Successors to Matz & Kremer (NPRI)	Yes	41	04-013004.0000	2.433
	Yes	44	04-012005.0000	11.669
V14, LP ATTN: Janine Summers	Yes	39	04-010012.0000	0.231
Venable Royalty, Ltd. ATTN: Janine Summers	Yes	39	04-010012.0000	1.617
W. Jeffrey Tyndall	No	47	04-013009.0000	1.900
	No	48	04-012007.0000	0.411
Westhawk Minerals LLC ATTN: Lester A. Zitkus, Sr. VP of Land	Yes	12	24-027017.0000	1.546
William Dalton Rouse	Yes	9	24-028009.0000	0.002
	Yes	10	24-028012.0000	0.020
	Yes	11	24-028006.0000	0.048
	Yes	13	24-028010.0000	0.013
	Yes	14	24-028011.0000	0.010
	Yes	19	24-028015.0000	0.002

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	24-015039.0000	8.925
	Yes	2	24-028005.0000	21.392
	Yes	3	24-028013.0000	7.021
	Yes	4	24-028004.0000	19.537
	Yes	4	24-028004.0000	19.537
	Yes	5	24-028003.0000	3.988
	Yes	6	24-028014.0000	0.847
	Yes	8	24-028008.0000	53.821
	Yes	9	24-028009.0000	0.002
	Yes	9	24-028009.0000	0.002
	Yes	9	24-028009.0000	0.015

Expand Appalachia LLC
ATTN: Gray Barghols

Yes	9	24-028009.0000	0.030
Yes	9	24-028009.0000	0.030
Yes	9	24-028009.0000	0.030
Yes	9	24-028009.0000	0.030
Yes	9	24-028009.0000	0.002
Yes	9	24-028009.0000	0.015
Yes	9	24-028009.0000	0.015
Yes	9	24-028009.0000	0.002
Yes	9	24-028009.0000	0.269
Yes	9	24-028009.0000	0.269
Yes	9	24-028009.0000	0.090
Yes	10	24-028012.0000	0.020
Yes	10	24-028012.0000	0.020
Yes	10	24-028012.0000	0.939
Yes	10	24-028012.0000	0.156
Yes	10	24-028012.0000	0.020
Yes	10	24-028012.0000	0.020
Yes	10	24-028012.0000	0.939
Yes	10	24-028012.0000	0.313
Yes	10	24-028012.0000	5.632
Yes	10	24-028012.0000	0.313
Yes	10	24-028012.0000	0.939
Yes	10	24-028012.0000	0.313
Yes	10	24-028012.0000	0.313
Yes	10	24-028012.0000	0.156
Yes	10	24-028012.0000	0.156
Yes	10	24-028012.0000	0.939
Yes	10	24-028012.0000	0.939
Yes	11	24-028006.0000	0.048
Yes	11	24-028006.0000	0.048
Yes	11	24-028006.0000	2.325
Yes	11	24-028006.0000	0.388
Yes	11	24-028006.0000	0.048
Yes	11	24-028006.0000	0.048
Yes	11	24-028006.0000	2.325
Yes	11	24-028006.0000	0.775
Yes	11	24-028006.0000	0.775
Yes	11	24-028006.0000	2.325
Yes	11	24-028006.0000	0.775
Yes	11	24-028006.0000	0.775
Yes	11	24-028006.0000	13.953
Yes	11	24-028006.0000	0.388
Yes	11	24-028006.0000	0.388
Yes	11	24-028006.0000	2.325
Yes	12	24-027017.0000	3.264
Yes	12	24-027017.0000	1.546
Yes	13	24-028010.0000	0.013
Yes	13	24-028010.0000	0.013
Yes	13	24-028010.0000	0.621
Yes	13	24-028010.0000	0.103
Yes	13	24-028010.0000	0.013
Yes	13	24-028010.0000	0.013
Yes	13	24-028010.0000	0.621
Yes	13	24-028010.0000	0.207
Yes	13	24-028010.0000	3.725
Yes	13	24-028010.0000	0.207
Yes	13	24-028010.0000	0.621
Yes	13	24-028010.0000	0.207
Yes	13	24-028010.0000	0.207
Yes	13	24-028010.0000	0.103
Yes	13	24-028010.0000	0.103
Yes	13	24-028010.0000	0.621
Yes	14	24-028011.0000	0.010
Yes	14	24-028011.0000	0.010
Yes	14	24-028011.0000	0.473
Yes	14	24-028011.0000	0.079
Yes	14	24-028011.0000	0.010
Yes	14	24-028011.0000	0.010
Yes	14	24-028011.0000	0.473
Yes	14	24-028011.0000	0.158
Yes	14	24-028011.0000	2.839
Yes	14	24-028011.0000	0.158
Yes	14	24-028011.0000	0.473
Yes	14	24-028011.0000	0.158
Yes	14	24-028011.0000	0.158

Expand Appalachia LLC
ATTN: Gray Barghols

Yes	14	24-028011.0000	0.079
Yes	14	24-028011.0000	0.079
Yes	14	24-028011.0000	0.473
Yes	15	24-028007.0000	3.178
Yes	16	24-027019.0000	6.708
Yes	17	24-027020.0000	0.060
Yes	18	24-027021.0000	5.746
Yes	19	24-028015.0000	0.002
Yes	19	24-028015.0000	0.002
Yes	19	24-028015.0000	0.084
Yes	19	24-028015.0000	0.014
Yes	19	24-028015.0000	0.002
Yes	19	24-028015.0000	0.002
Yes	19	24-028015.0000	0.084
Yes	19	24-028015.0000	0.028
Yes	19	24-028015.0000	0.501
Yes	19	24-028015.0000	0.028
Yes	19	24-028015.0000	0.084
Yes	19	24-028015.0000	0.028
Yes	19	24-028015.0000	0.028
Yes	19	24-028015.0000	0.014
Yes	19	24-028015.0000	0.084
Yes	20	24-027013.0000	0.517
Yes	21	24-027016.0000	0.534
Yes	22	24-027008.0000	3.929
Yes	24	24-027009.0000	17.085
Yes	25	04-009013.0000	2.354
Yes	26	04-010010.0000	27.699
Yes	28	04-010022.0000	3.571
Yes	29	04-010018.0000	1.003
Yes	30	04-010011.0000	21.610
Yes	31	04-010020.0000	0.111
Yes	32	04-010008.0000	3.786
Yes	35	04-010013.0000	17.177
Yes	36	04-010009.0000	38.907
Yes	37	04-010003.0000	0.355
Yes	37	04-010003.0000	1.421
Yes	38	04-010002.0000	45.899
Yes	38	04-010002.0000	11.475
Yes	39	04-010012.0000	0.462
Yes	39	04-010012.0000	0.462
Yes	39	04-010012.0000	0.462
Yes	39	04-010012.0000	0.462
Yes	39	04-010012.0000	0.231
Yes	39	04-010012.0000	1.617
Yes	41	04-013004.0000	2.433
Yes	42	04-013002.0000	31.157
Yes	43	04-013005.0000	6.468
Yes	44	04-012005.0000	11.669
Yes	45	04-012008.0000	15.584
Yes	46	04-013006.0000	0.722
Yes	40	04-013003.0000	46.080
Yes	23	04-010021.0000	0.214
Yes	27	04-010015.0000	7.931

Beck Energy Corporation
ATTN: Rick Reeve

Hyridge Energy Partners Resources I, LLC
ATTN: Jessica Dembeck

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)
Gavan Gravesen	No	34	04-010005.0000	35.343
Patrick Gillespie	Yes	34	04-010005.0000	35.343

NPRI = Non-Participating Royalty Interest