

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:	SWN Production Company, LLC			Supplement <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2	Mailing Address:	10000 Energy Drive			
3	City / State / Zip:	Spring	TX	77389	
4	Office Phone:	(346) 443-6432			
5	Email:	Andrew.Smith@expandenergy.com			
6	Landman Name:	Andrew Smith			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
7	Mailing Address:	10000 Energy Drive			
8	City / State / Zip:	Spring	TX	77389	
9	Office Phone:	(346) 443-6432			
10	Email:	Andrew.Smith@expandenergy.com			
<i>If applicable</i>					
11	Attorney Name:	Mark A. Hylton			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12	Firm Name:	Vorys, Sater, Seymour and Pease LLP			
13	Mailing Address:	52 East Gay Street			
14	City / State / Zip:	Columbus	OH	43215	
15	Office Phone:	(614) 464-6303			
16	Email:	mahylton@vorys.com			

Section 2. Unit Information *Required*

1	Unit Name:	Rufener F-M Unit			Supplement <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2	Unit Location: <i>Include all counties and townships</i>	Green and Lee Townships, Monroe County, Ohio			
3	Number of Tracts:	34			
4	Total Unit Area: <i>In acres</i>	395.591 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			

Section 2 Unit Information - continued

6	Identification of the proposed pool or part of a pool:	Top of the Middlesex formation down to the top of the Onondaga Limestone 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?	265.748 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 checked="" type="checkbox"/> Survey <input 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
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

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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
Rufener F-M MNR 14HM	19,497	25,796	\$16.8	\$14.7	\$71.2	\$38.6	\$12.3	15.7	<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
Total:	19,497	25,796	\$16.8	\$14.7	\$71.2	\$38.6	\$12.3	15.7	<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
Rufener F-M MNR 14HM	0	0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	0.0	<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
Total:	0	0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	0.0	<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
Rufener F-M MNR 14HM	19,497	25,796	\$16.8	\$14.7	\$71.2	\$38.6	\$12.3	15.7	<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
Total:	19,497	25,796	\$16.8	\$14.7	\$71.2	\$38.6	\$12.3	15.7	<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

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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, Andrew Smith (NAME) on behalf of SWN Production Company, 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.

	ANDREW SMITH	LANDMAN
SIGNATURE	PRINT NAME	TITLE

STATE OF

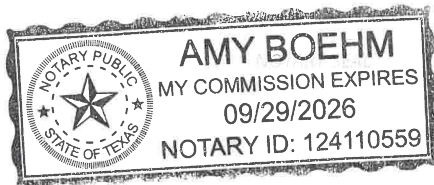
TEXAS

COUNTY OF

HARRIS

Sworn to before me and subscribed in my presence on this

19th day of JUNE, 2025
MONTH YEAR




NOTARY PUBLIC

My commission expires 9/29/2026

Section 7. Attestation Required

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

Attestation B - Supplement

I _____ (NAME) on behalf of _____ (APPLICANT) am competent and authorized to testify on the matters contained in this affidavit and supplemental application.

Pursuant to Ohio Revised Code 1509.28, Applicant files this supplemental 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 supplemental application.

As of the date this supplemental application is signed, Applicant is the owner, or has 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 supplemental 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.

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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 supplemental application are accurate. I understand the DOGRM relies on the statements and representations contained in this supplemental application to process this application. Nothing in this supplemental 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.

SIGNATURE	PRINT NAME	TITLE

STATE OF

--

COUNTY OF

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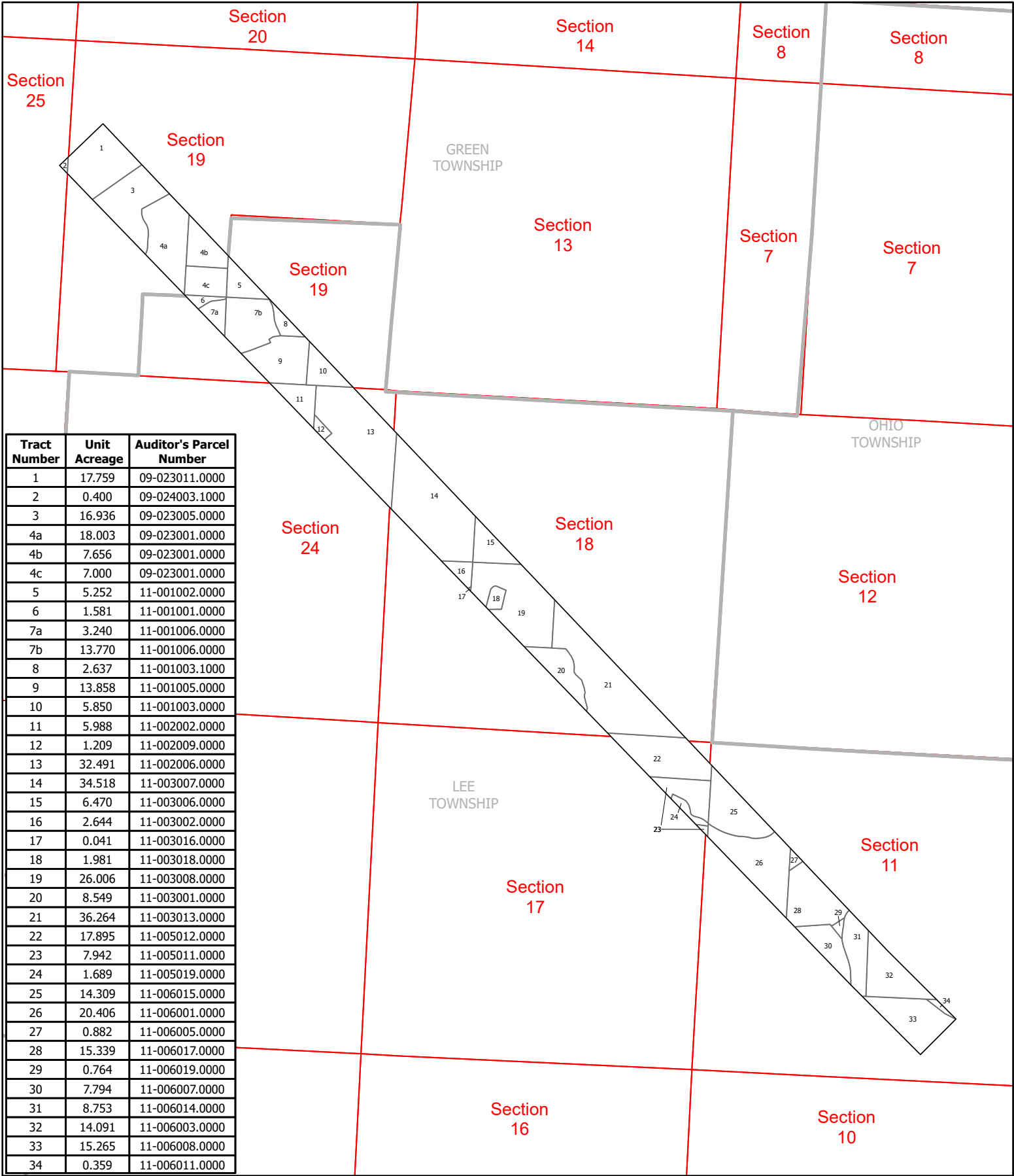
Sworn to before me and subscribed in my presence on this

_____ day of _____, 20____.
MONTH YEAR

NOTARY SEAL

NOTARY PUBLIC

My commission expires _____.



County Boundary

Unit Boundary

Section Lines

019003800 Feet

1 inch = 2,000 feet

N

W

S

E

EXHIBIT B

Unit Size: 395.591 Acres

Green and Lee Townships, Monroe County OH

Rufener F-M Unit

Exhibit H - Rufener F-M Unit				
Mineral Owners				
Name	Leased Yes or No	Tract Number(s)	Tax Map Parcel ID(s)	Surface Acres in Unit (Net)
Alleman Acres, LLC ATTN: Janis Alleman	Yes	4a	09-023001.0000	13.502
	Yes	4b	09-023001.0000	3.828
	Yes	4c	09-023001.0000	7.000
Appalachia Minerals, LLC ATTN: Elyse Wilson, Manager	Yes	9	11-001005.0000	6.929
	Yes	11	11-002002.0000	2.994
	Yes	12	11-002009.0000	1.209
Black Knife Minerals, LLC ATTN: Robert T. Sanders	Yes	33	11-006008.0000	0.153
Bonnie R. Harker	Yes	7a	11-001006.0000	0.017
	Yes	7b	11-001006.0000	0.072
Brake Family Revocable Trust of March 18, 2024 ATTN: William A. Brake and Miriam I. Brake, Trustees	Yes	34	11-006011.0000	0.359
Brenda Altimore	Yes	18	11-003018.0000	1.981
Cheryl L. Brown	Yes	7a	11-001006.0000	0.015
	Yes	7b	11-001006.0000	0.064
Chris L. Starr	Yes	1	09-023011.0000	0.277
	Yes	2	09-024003.1000	0.008
	Yes	3	09-023005.0000	0.265
	Yes	4a	09-023001.0000	0.375
Debora Bannerman	Yes	21	11-003013.0000	7.253
	Yes	22	11-005012.0000	3.579
Denise Callaghan	Yes	21	11-003013.0000	14.506
	Yes	22	11-005012.0000	7.158
Dennis A. Dietrich	Yes	25	11-006015.0000	14.309
	Yes	27	11-006005.0000	0.882
Diego Den Hunt Club Revocable Trust dated October 4, 2002 ATTN: Scott C. Adkins, Trustee	Yes	19	11-003008.0000	26.006
Donald G. Yarman	Yes	21	11-003013.0000	7.253
	Yes	22	11-005012.0000	3.579
Edward Clyde Crouch, III	Yes	7a	11-001006.0000	0.079
	Yes	7b	11-001006.0000	0.335
Edward Clyde Crouch, IV	Yes	7a	11-001006.0000	0.017
	Yes	7b	11-001006.0000	0.072
Frye Family Trust ATTN: Robert L. Frye and Deborah Frye, Trustees	Yes	4b	09-023001.0000	0.638
Gale E. Longwell and Roberta H. Longwell, f/k/a Roberta Hart, husband and wife	Yes	33	11-006008.0000	7.633
Garth Maibach	Yes	28	11-006017.0000	15.339
Gateway Royalty IV, LLC ATTN: Chris Oldham, President	Yes	5	11-001002.0000	5.252
Gateway Royalty V, LLC ATTN: Chris Oldham, President	Yes	32	11-006003.0000	14.091
Homer Daniel Rufener	Yes	1	09-023011.0000	13.319
James Daniel Martin (NPRI)	Yes	2	09-024003.1000	0.300
Janet S. Wade	Yes	8	11-001003.1000	2.637
	Yes	10	11-001003.0000	5.850
Janis Alleman	Yes	6	11-001001.0000	1.581
Jason T. Hathcock and Debbie S. Hathcock, husband and wife	Yes	16	11-003002.0000	2.644
	Yes	17	11-003016.0000	0.041
Jason Williamson	Yes	1	09-023011.0000	2.220
	Yes	2	09-024003.1000	0.067
	Yes	3	09-023005.0000	2.117
	Yes	4a	09-023001.0000	3.001
Jennifer Crouch Lyons	Yes	7a	11-001006.0000	0.017
	Yes	7b	11-001006.0000	0.072
Jeremey R. Tustin	Yes	26	11-006001.0000	20.406
	Yes	30	11-006007.0000	7.794
	Yes	31	11-006014.0000	8.753
Jill R. Hutcherson	Yes	7a	11-001006.0000	0.017
	Yes	7b	11-001006.0000	0.072
Karl M. Crouch	Yes	7a	11-001006.0000	0.017
	Yes	7b	11-001006.0000	0.072
Kevin L. Little and Jennie L. Little, husband and wife	Yes	7a	11-001006.0000	2.835
	Yes	7b	11-001006.0000	12.049
Kevin L. Little and Jennie L. Little, husband and wife (NPRI)	Yes	4c	09-023001.0000	7.000
	Yes	6	11-001001.0000	1.581
Krystal Castle	Yes	21	11-003013.0000	7.253
	Yes	22	11-005012.0000	3.579
Lauraine VanOss	Yes	20	11-003001.0000	1.282
	Yes	20	11-003001.0000	7.267

Laurie Ann King	Yes	7a	11-001006.0000	0.015
	Yes	7b	11-001006.0000	0.064
Leo D. Starr	Yes	1	09-023011.0000	0.277
	Yes	2	09-024003.1000	0.008
	Yes	3	09-023005.0000	0.265
	Yes	4a	09-023001.0000	0.375
LL&B Headwater II, LP ATTN: Gordon Deen, CEO	Yes	3	09-023005.0000	12.702
	Yes	9	11-001005.0000	6.929
	Yes	11	11-002002.0000	2.994
Lois Starr	Yes	1	09-023011.0000	0.277
	Yes	2	09-024003.1000	0.008
	Yes	3	09-023005.0000	0.265
	Yes	4a	09-023001.0000	0.375
Longwell Family Trust, dated October 18, 2021 ATTN: Ronald Alan Longwell and Vickie Leigh Longwell, Trustees	Yes	15	11-003006.0000	6.470
Michael C. Robertson	Yes	7a	11-001006.0000	0.017
	Yes	7b	11-001006.0000	0.072
Nancy Marie Martin (NPRI)	Yes	2	09-024003.1000	0.300
Nelson Kindall	Yes	23	11-005011.0000	0.882
	Yes	24	11-005019.0000	0.188
Pandora J. Neuhart Revocable Living Trust dated 9/27/2016 ATTN: Pandora J. Neuhart, Trustee	Yes	23	11-005011.0000	0.882
	Yes	24	11-005019.0000	0.188
Penni M. Darrah	Yes	2	09-024003.1000	0.300
Rebecca Fuller Cooper	Yes	7a	11-001006.0000	0.023
	Yes	7b	11-001006.0000	0.096
Richard S. Bardon	Yes	7a	11-001006.0000	0.015
	Yes	7b	11-001006.0000	0.064
Rita Ann Young	Yes	1	09-023011.0000	0.277
	Yes	2	09-024003.1000	0.008
	Yes	3	09-023005.0000	0.265
	Yes	4a	09-023001.0000	0.375
Robert Stanley Martin, II (NPRI)	Yes	2	09-024003.1000	0.300
Springbok Energy Partners, LLC ATTN: Ryan Watts, President	Yes	33	11-006008.0000	7.480
Stacy Kukura	Yes	4b	09-023001.0000	0.638
Strategic Energy Income Fund III LP ATTN: Brandon Standifird	Yes	23	11-005011.0000	0.397
	Yes	24	11-005019.0000	0.084
Strategic Energy Income Fund IV LP ATTN: Brandon Standifird	Yes	23	11-005011.0000	0.485
	Yes	24	11-005019.0000	0.103
Swiss Ridge 1855 LLC ATTN: Dean and Emma J. Rufener, Managers	Yes	13	11-002006.0000	32.491
	Yes	14	11-003007.0000	34.518
Trustee of the United Methodist Church ATTN: Randall W. May	Yes	29	11-006019.0000	0.764
Unknown Heirs or Assigns Elizabeth Shaffer Wadsworth (NPRI)	Yes	34	11-006011.0000	0.359
Unknown Heirs or Assigns Harry S. Shaffer, Jr. (NPRI)	Yes	34	11-006011.0000	0.359
Unknown Heirs or Assigns Lauretta Shaffer Bertram (NPRI)	Yes	34	11-006011.0000	0.359
Unknown Heirs or Assigns Martha Helena Shaffer (NPRI)	Yes	34	11-006011.0000	0.359
Unknown Heirs or Assigns of Bernard K. Martin (NPRI)	Yes	2	09-024003.1000	0.300
Unknown Heirs or Assigns of Bonnie Heil	Yes	23	11-005011.0000	2.647
	Yes	24	11-005019.0000	0.563
Unknown Heirs or Assigns of Caroline Tubaugh (NPRI)	Yes	7b	11-001006.0000	0.064
	Yes	7b	11-001006.0000	0.064
	Yes	7b	11-001006.0000	0.096
	Yes	7b	11-001006.0000	0.335
	Yes	7b	11-001006.0000	0.072
	Yes	7b	11-001006.0000	0.072
	Yes	7b	11-001006.0000	0.096
	Yes	7b	11-001006.0000	0.072
	Yes	7b	11-001006.0000	0.072
	Yes	7b	11-001006.0000	0.064
	Yes	7b	11-001006.0000	12.049
	Yes	7b	11-001006.0000	0.072
	Yes	7b	11-001006.0000	0.072
	Yes	7b	11-001006.0000	0.574
	Yes	9	11-001005.0000	6.929
	Yes	9	11-001005.0000	6.929
Unknown Heirs or Assigns of Dorothy Sciuillo	Yes	7a	11-001006.0000	0.135
	Yes	7b	11-001006.0000	0.574
Unknown Heirs or Assigns of Earl G. Fisher (NPRI)	Yes	33	11-006008.0000	7.633
Unknown Heirs or Assigns of Henry R. Tubaugh (NPRI)	Yes	8	11-001003.1000	2.637
Unknown Heirs or Assigns of Marietta M. Stover	No	1	09-023011.0000	1.110
	No	3	09-023005.0000	1.059
Unknown Heirs or Assigns of Roy A. Vetter	No	4b	09-023001.0000	1.276

Unknown Heirs or Assigns of Ruth Ann Price a/k/a Ruth Ann Whaley (NPRI)	Yes	2	09-024003.1000	0.300
Unknown Heirs or Assigns of William L. Vetter	No	4b	09-023001.0000	1.276
Unknown Heirs or Assigns William M. Shaffer (NPRI)	Yes	34	11-006011.0000	0.359
Warren A. Whittaker	Yes	23	11-005011.0000	2.647
	Yes	24	11-005019.0000	0.563
William J. Fuller	Yes	7a	11-001006.0000	0.023
	Yes	7b	11-001006.0000	0.096

Working Interest Owners				
Name	Leased Yes or No	Tract Number(s)	Tax Map Parcel ID(s)	Surface Acres in Unit (Net)
SWN Production Company, LLC ATTN: Andrew Smith	Yes	1	09-023011.0000	13.319
	Yes	1	09-023011.0000	0.277
	Yes	1	09-023011.0000	0.277
	Yes	1	09-023011.0000	0.277
	Yes	1	09-023011.0000	2.220
	Yes	1	09-023011.0000	0.277
	Yes	3	09-023005.0000	0.265
	Yes	3	09-023005.0000	0.265
	Yes	3	09-023005.0000	0.265
	Yes	3	09-023005.0000	2.117
	Yes	3	09-023005.0000	0.265
	Yes	4a	09-023001.0000	13.502
	Yes	4a	09-023001.0000	0.375
	Yes	4a	09-023001.0000	0.375
	Yes	4a	09-023001.0000	0.375
	Yes	4a	09-023001.0000	3.001
	Yes	4a	09-023001.0000	0.375
	Yes	4b	09-023001.0000	3.828
	Yes	4b	09-023001.0000	0.638
	Yes	4b	09-023001.0000	0.638
	Yes	4c	09-023001.0000	7.000
	Yes	6	11-001001.0000	1.581
	Yes	12	11-002009.0000	1.209
	Yes	13	11-002006.0000	32.491
	Yes	14	11-003007.0000	34.518
	Yes	15	11-003006.0000	6.470
	Yes	16	11-003002.0000	2.644
	Yes	17	11-003016.0000	0.041
	Yes	18	11-003018.0000	1.981
	Yes	19	11-003008.0000	26.006
	Yes	20	11-003001.0000	1.282
	Yes	23	11-005011.0000	2.647
	Yes	23	11-005011.0000	0.882
	Yes	23	11-005011.0000	0.882
	Yes	23	11-005011.0000	0.397
	Yes	23	11-005011.0000	0.485
	Yes	23	11-005011.0000	2.647
	Yes	24	11-005019.0000	0.563
	Yes	24	11-005019.0000	0.188
	Yes	24	11-005019.0000	0.188
	Yes	24	11-005019.0000	0.084
	Yes	24	11-005019.0000	0.103
	Yes	24	11-005019.0000	0.563
	Yes	25	11-006015.0000	14.309
	Yes	26	11-006001.0000	20.406
	Yes	27	11-006005.0000	0.882
	Yes	28	11-006017.0000	15.339
	Yes	29	11-006019.0000	0.764
	Yes	30	11-006007.0000	7.794
	Yes	31	11-006014.0000	8.753
	Yes	32	11-006003.0000	14.091
	Yes	33	11-006008.0000	7.633
	Yes	33	11-006008.0000	7.480
	Yes	33	11-006008.0000	0.153
	Yes	34	11-006011.0000	0.359
Rice Drilling D LLC ATTN: Martin Leehr	Yes	3	09-023005.0000	12.702
	Yes	5	11-001002.0000	5.252
	Yes	7a	11-001006.0000	0.015
	Yes	7a	11-001006.0000	0.015
	Yes	7a	11-001006.0000	0.023
	Yes	7a	11-001006.0000	0.079

Rice Drilling D LLC [cont'd]
ATTN: Martin Leehr

Yes	7a	11-001006.0000	0.017
Yes	7a	11-001006.0000	0.017
Yes	7a	11-001006.0000	0.023
Yes	7a	11-001006.0000	0.017
Yes	7a	11-001006.0000	0.017
Yes	7a	11-001006.0000	0.015
Yes	7a	11-001006.0000	2.835
Yes	7a	11-001006.0000	0.017
Yes	7a	11-001006.0000	0.017
Yes	7a	11-001006.0000	0.135
Yes	7b	11-001006.0000	0.064
Yes	7b	11-001006.0000	0.064
Yes	7b	11-001006.0000	0.096
Yes	7b	11-001006.0000	0.335
Yes	7b	11-001006.0000	0.072
Yes	7b	11-001006.0000	0.072
Yes	7b	11-001006.0000	0.096
Yes	7b	11-001006.0000	0.072
Yes	7b	11-001006.0000	0.072
Yes	7b	11-001006.0000	0.064
Yes	7b	11-001006.0000	12.049
Yes	7b	11-001006.0000	0.072
Yes	7b	11-001006.0000	0.072
Yes	7b	11-001006.0000	0.574
Yes	8	11-001003.1000	2.637
Yes	9	11-001005.0000	6.929
Yes	9	11-001005.0000	6.929
Yes	10	11-001003.0000	5.850
Yes	11	11-002002.0000	2.994
Yes	11	11-002002.0000	2.994
Yes	20	11-003001.0000	7.267
Yes	21	11-003013.0000	7.253
Yes	21	11-003013.0000	14.506
Yes	21	11-003013.0000	7.253
Yes	21	11-003013.0000	7.253
Yes	22	11-005012.0000	3.579
Yes	22	11-005012.0000	7.158
Yes	22	11-005012.0000	3.579
Yes	22	11-005012.0000	3.579
Yes	2	09-024003.1000	0.300
Yes	2	09-024003.1000	0.008
Yes	2	09-024003.1000	0.008
Yes	2	09-024003.1000	0.008
Yes	2	09-024003.1000	0.067
Yes	2	09-024003.1000	0.008

C.G.O., Inc.
ATTN: Michael McCormick, Attorney

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)
1803 Resources, LLC (NPRI)	Yes	7b	11-001006.0000	13.770
ATTN: Phillip Guerra	Yes	9	11-001005.0000	13.858
Camden Baugh	Yes	23	11-005011.0000	2.647
	Yes	24	11-005019.0000	0.563
Cathy Horton	No	4b	09-023001.0000	1.276
Chad Heil	Yes	23	11-005011.0000	2.647
	Yes	24	11-005019.0000	0.563
Charles W. Haney	No	1	09-023011.0000	1.110
	No	3	09-023005.0000	1.059
Children's National Hospital Foundation	No	4b	09-023001.0000	1.276
ATTN: Kayla Rowan				
Colin Stevens	No	1	09-023011.0000	1.110
	No	3	09-023005.0000	1.059
Dana L. Whaley (NPRI)	Yes	2	09-024003.1000	0.300
Donald Earl Wagner and Pamela Wagner, husband and wife	Yes	1	09-023011.0000	1.110
	Yes	3	09-023005.0000	1.059
Douglas L. Whaley (NPRI)	Yes	2	09-024003.1000	0.300
Gail Elizabeth Smith	No	1	09-023011.0000	1.110
	No	3	09-023005.0000	1.059
George F. Fithen, IV	No	1	09-023011.0000	1.110
	No	3	09-023005.0000	1.059

Harold Lapp (NPRI)	Yes	7b	11-001006.0000	13.770
	Yes	9	11-001005.0000	13.858
Jennifer A. Stevens	No	1	09-023011.0000	1.110
	No	3	09-023005.0000	1.059
Jobe Mathew Stapp n/k/a Jobe Matthew Scott Inman ATTN: Tyler Inman, Guardian	Yes	23	11-005011.0000	2.647
	Yes	24	11-005019.0000	0.563
Judith G. Cosentino	Yes	1	09-023011.0000	1.110
	Yes	3	09-023005.0000	1.059
Justin Matthew Stapp	Yes	23	11-005011.0000	2.647
	Yes	24	11-005019.0000	0.563
Karen Boston	No	4b	09-023001.0000	1.276
Lance George Glaze and Nancy L. Glaze, husband and wife	Yes	1	09-023011.0000	1.110
	Yes	3	09-023005.0000	1.059
Lindsay Baugh n/k/a Lindsay Edgington	Yes	23	11-005011.0000	2.647
	Yes	24	11-005019.0000	0.563
Malanie Whaley (NPRI)	Yes	2	09-024003.1000	0.300
Margaret Smith	No	1	09-023011.0000	1.110
	No	3	09-023005.0000	1.059
Nan Vetter Perron	No	4b	09-023001.0000	1.276
Rebecca G. Vezina	Yes	1	09-023011.0000	1.110
	Yes	3	09-023005.0000	1.059
Sandra Chesnut	No	4b	09-023001.0000	1.276
Sharon K. Phillips, Trustee of the Dorothy J. Sciallo Trust dtd July 6, 1999	Yes	7a	11-001006.0000	0.135
	Yes	7b	11-001006.0000	0.574
Sylvia Waters (NPRI)	Yes	7b	11-001006.0000	13.770
	Yes	9	11-001005.0000	13.858
Washington Humane Society dba Human Rescue Alliance ATTN: Kimberly Burke	No	4b	09-023001.0000	1.276
Washington National Cathedral ATTN: Katie Cole	No	4b	09-023001.0000	1.276
William Dalton Rouse	Yes	23	11-005011.0000	2.647
	Yes	24	11-005019.0000	0.563
William Patrick Stevens	No	1	09-023011.0000	1.110
	No	3	09-023005.0000	1.059
Yvonne Ross Burdick (NPRI)	Yes	7b	11-001006.0000	13.770
	Yes	9	11-001005.0000	13.858

NPRI = Non-Participating Royalty Interest