

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:	Randall E-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, Lee, and Ohio Townships, Monroe County, Ohio			
3	Number of Tracts:	56			
4	Total Unit Area: <i>In acres</i>	505.937 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?	435.156 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 <div style="border: 1px solid black; height: 20px; margin-top: 2px;"></div>	<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"/>

Supplement

Section 4. Mailing List (Excel) Required

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
Randall E-M MNR 4HM	24,529	31,528	\$22.5	\$18.4	\$95.6	\$52.6	\$18.4	20.9	<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
Total:	24,529	31,528	\$22.5	\$18.4	\$95.6	\$52.6	\$18.4	20.9	<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
Randall E-M MNR 4HM	2,234	9,153	\$3.2	\$8.2	\$7.7	\$(3.9)	\$(5.0)	1.7	<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
Total:	2,234	9,153	\$3.2	\$8.2	\$7.7	\$(3.9)	\$(5.0)	1.7	<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
Randall E-M MNR 4HM	22,295	22,375	\$19.3	\$10.2	\$87.9	\$56.5	\$23.4	19.2	<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
Total:	22,295	22,375	\$19.3	\$10.2	\$87.9	\$56.5	\$23.4	19.2	<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

☐
☐
☐

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.

	<u>ANDREW SMITH</u>	<u>LANDMAN</u>
SIGNATURE	PRINT NAME	TITLE

STATE OF

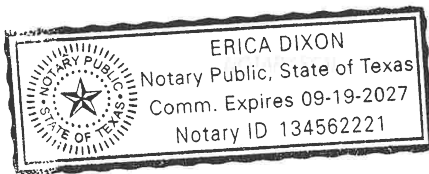
TEXAS

COUNTY OF

HARRIS

Sworn to before me and subscribed in my presence on this

12th day of may, 2025
MONTH YEAR




NOTARY PUBLIC

My commission expires 9/19/2027

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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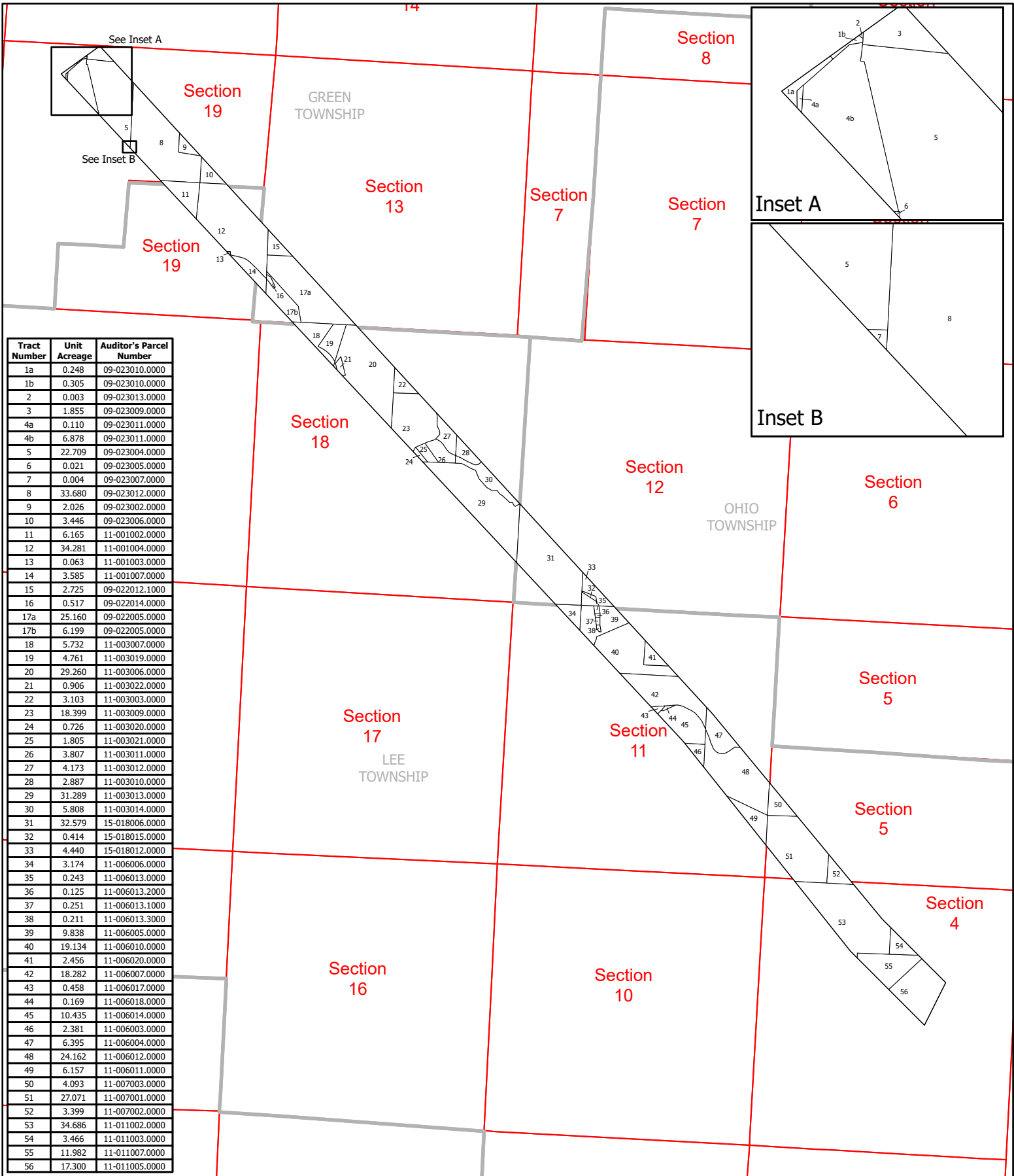
Sworn to before me and subscribed in my presence on this

_____ day of _____, 20____.
MONTH YEAR

NOTARY SEAL

NOTARY PUBLIC

My commission expires _____.



Tract Number	Unit Acreage	Auditor's Parcel Number
1a	0.248	09-023010.0000
1b	0.305	09-023010.0000
2	0.003	09-023013.0000
3	1.855	09-023009.0000
4a	0.110	09-023011.0000
4b	6.878	09-023011.0000
5	22.709	09-023004.0000
6	0.021	09-023005.0000
7	0.004	09-023007.0000
8	33.680	09-023012.0000
9	2.026	09-023002.0000
10	3.446	09-023006.0000
11	6.165	11-001002.0000
12	34.281	11-001004.0000
13	0.063	11-001003.0000
14	3.585	11-001007.0000
15	2.725	09-022012.1000
16	0.517	09-022014.0000
17a	25.160	09-022005.0000
17b	6.199	09-022005.0000
18	5.732	11-003007.0000
19	4.761	11-003019.0000
20	29.260	11-003006.0000
21	0.906	11-003022.0000
22	3.103	11-003003.0000
23	18.399	11-003009.0000
24	0.726	11-003020.0000
25	1.805	11-003021.0000
26	3.807	11-003011.0000
27	4.173	11-003012.0000
28	2.887	11-003010.0000
29	31.289	11-003013.0000
30	5.808	11-003014.0000
31	32.579	15-018006.0000
32	0.414	15-018015.0000
33	4.440	15-018012.0000
34	3.174	11-006006.0000
35	0.243	11-006013.0000
36	0.125	11-006013.2000
37	0.251	11-006013.1000
38	0.211	11-006013.3000
39	9.838	11-006005.0000
40	19.134	11-006010.0000
41	2.456	11-006020.0000
42	18.282	11-006007.0000
43	0.458	11-006017.0000
44	0.169	11-006018.0000
45	10.435	11-006014.0000
46	2.381	11-006003.0000
47	6.395	11-006004.0000
48	24.162	11-006012.0000
49	6.157	11-006011.0000
50	4.093	11-007003.0000
51	27.071	11-007001.0000
52	3.399	11-007002.0000
53	34.686	11-011002.0000
54	3.466	11-011003.0000
55	11.982	11-011007.0000
56	17.300	11-011005.0000

0

2,000

4,000 Feet

1 inch = 2,500 feet

N

E

S

W

County Boundary

Unit Boundary

Section Lines

Randall E-M Unit

EXHIBIT B

Unit Size: 505.937 Acres

Green, Lee, and Ohio Townships, Monroe County OH

Exhibit H - Randall E-M Unit				
Mineral Owners				
Name	Leased Yes or No	Tract Number(s)	Tax Map Parcel ID(s)	Surface Acres in Unit (Net)
Annette Wills	Yes	23	11-003009.0000	0.028
Becky Lyn Butler	Yes	33	15-018012.0000	1.110
Board of Trustees of Lee Township ATTN: John Pyles, President	Yes	36	11-006013.2000	0.125
	Yes	37	11-006013.1000	0.251
	Yes	38	11-006013.3000	0.211
	Yes	23	11-003009.0000	0.110
Bob Kaufman	Yes	33	15-018012.0000	1.110
Bonnie L. Gossett	Yes	30	11-003014.0000	5.808
Bounty Minerals, LLC ATTN: Tracie R. Palmer, President	Yes	17a	09-022005.0000	25.160
Carlene Whittaker Hess (NPRI)	Yes	51	11-007001.0000	6.768
Cathy J. Zimmerman	Yes	17a	09-022005.0000	25.160
Chad Heil (NPRI) Chris L. Starr	Yes	1a	09-023010.0000	0.005
	Yes	1b	09-023010.0000	0.002
	Yes	2	09-023013.0000	0.00002
	Yes	3	09-023009.0000	0.010
	Yes	4a	09-023011.0000	0.002
	Yes	4b	09-023011.0000	0.036
	Yes	5	09-023004.0000	0.118
	Yes	6	09-023005.0000	0.0003
Connie Jo Lehman	Yes	52	11-007002.0000	1.275
	Yes	53	11-011002.0000	13.007
Crash Farms, LLC ATTN: Stanley A. Stalder, Member, and Marcia Stalder, Member	Yes	22	11-003003.0000	3.103
	Yes	27	11-003012.0000	4.173
	Yes	28	11-003010.0000	2.887
Dana Kerrigan	Yes	23	11-003009.0000	0.407
Dana Ray Foutz	Yes	23	11-003009.0000	0.032
Deborah A. Neuhart (NPRI)	Yes	17a	09-022005.0000	25.160
Deborah Bannerman	Yes	29	11-003013.0000	6.258
Denise Callaghan	Yes	29	11-003013.0000	12.516
Dennis A. Dietrich	Yes	39	11-006005.0000	9.838
Donald G. Yarman	Yes	29	11-003013.0000	6.258
Donald Johnson	No	23	11-003009.0000	0.043
Donna Dean Crist	Yes	23	11-003009.0000	0.438
Douglas Billman	Yes	23	11-003009.0000	0.487
Edward Foutz	No	23	11-003009.0000	0.032
Garth Maibach	Yes	43	11-006017.0000	0.458
Gateway Royalty IV, LLC ATTN: Chris Oldham, President	Yes	11	11-001002.0000	6.165
Gateway Royalty V, LLC ATTN: Chris Oldham, President	Yes	46	11-006003.0000	2.381
Gauding Family Farm, LLC ATTN: Betty J. Gauding	Yes	47	11-006004.0000	6.395
Homer Daniel Rufener	Yes	4a	09-023011.0000	0.083
	Yes	4b	09-023011.0000	6.448
Jacqueline Barr	Yes	23	11-003009.0000	0.272
James Bunin	No	23	11-003009.0000	0.146
James Kaufman	Yes	23	11-003009.0000	0.714
James Schaff	Yes	23	11-003009.0000	0.219
Jane Louise Hughes	Yes	23	11-003009.0000	0.272
Janet S. Wade	Yes	13	11-001003.0000	0.063
Jason E. Williamson	Yes	1a	09-023010.0000	0.041
	Yes	1b	09-023010.0000	0.013
	Yes	2	09-023013.0000	0.0001
	Yes	3	09-023009.0000	0.077
	Yes	4a	09-023011.0000	0.014
	Yes	4b	09-023011.0000	0.287
	Yes	5	09-023004.0000	0.946
	Yes	6	09-023005.0000	0.003
Jean Louise Austin	Yes	23	11-003009.0000	0.146
Jeffrey P. Morrow	Yes	1a	09-023010.0000	0.093
	Yes	1b	09-023010.0000	0.143
Jeremey R. Tustin	Yes	44	11-006018.0000	0.169
	Yes	45	11-006014.0000	10.435
Jobe Mathew Stapp (NPRI)	Yes	17a	09-022005.0000	25.160
John Foutz, Jr.	Yes	23	11-003009.0000	0.032
John J. Fernau and Wendy Rufener Fernau	Yes	7	09-023007.0000	0.004
	Yes	8	09-023012.0000	33.680
John J. Kaufman, Trustee of the Brian R. Kaufman Wholly Discretionary Trust	Yes	23	11-003009.0000	0.487

John J. Kaufman, Trustee of the John J. Kaufman and Nancy L. Kaufman Revocable Trust	Yes	23	11-003009.0000	0.487
John S. Rufener and Kimberly M. Rufener	Yes	2	09-023013.0000	0.003
Jozelle Ward	Yes	23	11-003009.0000	0.028
Judy Cutler	Yes	23	11-003009.0000	0.110
Judy Twinem	Yes	55	11-011007.0000	11.982
Judy Williams	Yes	23	11-003009.0000	0.014
Julianne Joy Clark	Yes	23	11-003009.0000	0.407
Katherine Gale Stapp (NPRI)	Yes	17a	09-022005.0000	25.160
Kathy J. Kaufman Miller and James E. Miller	Yes	23	11-003009.0000	0.487
Keith Eisenbarth	Yes	32	15-018015.0000	0.414
Keith Schrader	Yes	23	11-003009.0000	0.407
Kenny Kaufman	Yes	23	11-003009.0000	0.110
Kimberly Lynn Ferrise	Yes	23	11-003009.0000	1.460
Krystal Castle	Yes	29	11-003013.0000	6.258
Leland D. Eisenbarth and Keith Eisenbarth	Yes	31	15-018006.0000	32.579
	Yes	34	11-006006.0000	3.174
Leo D. Starr	Yes	1a	09-023010.0000	0.005
	Yes	1b	09-023010.0000	0.002
	Yes	2	09-023013.0000	0.00002
	Yes	3	09-023009.0000	0.010
	Yes	4a	09-023011.0000	0.002
	Yes	4b	09-023011.0000	0.036
	Yes	5	09-023004.0000	0.118
	Yes	6	09-023005.0000	0.0003
LL&B Headwater II, LP ATTN: Gordon Deen, CEO	Yes	6	09-023005.0000	0.016
Lois Starr	Yes	1a	09-023010.0000	0.005
	Yes	1b	09-023010.0000	0.002
	Yes	2	09-023013.0000	0.00002
	Yes	3	09-023009.0000	0.010
	Yes	4a	09-023011.0000	0.002
	Yes	4b	09-023011.0000	0.036
	Yes	5	09-023004.0000	0.118
Mary Lipstate	Yes	23	11-003009.0000	1.221
	Yes	23	11-003009.0000	1.971
Mary Louise McKisson	Yes	24	11-003020.0000	0.726
Michael Aaron Driggs	Yes	25	11-003021.0000	1.805
Michelle R. Driggs	Yes	25	11-003021.0000	1.805
Mike Green	No	23	11-003009.0000	0.085
Monica Burleson, a/k/a Mary Monica Burleson	No	23	11-003009.0000	0.043
Nelson Kindall (NPRI)	Yes	17a	09-022005.0000	25.160
Nora M. Nichols	Yes	42	11-006007.0000	18.282
Pandora J. Neuhart Revocable Living Trust dated September 27, 2016 (NPRI) ATTN: Pandora J. Neuhart	Yes	17a	09-022005.0000	25.160
Phillip J. Percel and Jane E. Percel	Yes	9	09-023002.0000	2.026
Priscilla Sprang	Yes	23	11-003009.0000	0.973
Rebecca Rufener Morrow	Yes	1a	09-023010.0000	0.093
	Yes	1b	09-023010.0000	0.143
Richard Melvin Butler	Yes	33	15-018012.0000	1.110
Richard Schaff	Yes	23	11-003009.0000	0.219
Richard Ward	Yes	23	11-003009.0000	0.028
Riggenbach Family Farm, LLC ATTN: Wayne D. Riggenbach, Managing Director	Yes	54	11-011003.0000	3.466
Rita Ann Young	Yes	1a	09-023010.0000	0.005
	Yes	1b	09-023010.0000	0.002
	Yes	2	09-023013.0000	0.00002
	Yes	3	09-023009.0000	0.010
	Yes	4a	09-023011.0000	0.002
	Yes	4b	09-023011.0000	0.036
	Yes	5	09-023004.0000	0.118
	Yes	6	09-023005.0000	0.0003
Rodney Carlton	No	23	11-003009.0000	0.014
Ronald Alan Longwell and Vickie Leigh Longwell, Co-Trustees of the Longwell Family Trust, dated October 18, 2021	Yes	20	11-003006.0000	29.260
Roselin Coxey	Yes	23	11-003009.0000	0.407
Ross Peter Mayo	Yes	23	11-003009.0000	0.407
Russell Carlton	No	23	11-003009.0000	0.014
Salem United Church of Christ Cemetery Association, successor in interest to the Evangelist Presbyterian Church ATTN: Dennis Dietrich, President	Yes	35	11-006013.0000	0.243
Scott Lehman	Yes	52	11-007002.0000	1.275
	Yes	53	11-011002.0000	13.007
Scott Lehman and Connie Jo Lehman, Co-Trustees of the Lehman Family Revocable Family Trust	Yes	52	11-007002.0000	0.425
	Yes	53	11-011002.0000	4.336

Shannon Huffman	Yes	21	11-003022.0000	0.906
Shannon Kay Slusser	Yes	23	11-003009.0000	0.272
Shannon Lewis	Yes	23	11-003009.0000	0.014
Sheleta Lewis	Yes	23	11-003009.0000	0.014
Stephen E. Rufener	Yes	3	09-023009.0000	1.739
	Yes	5	09-023004.0000	21.290
Susan Roderick	Yes	23	11-003009.0000	0.272
Swiss Ridge 1855 LLC ATTN: Dean and Emma J. Rufener, Managers	Yes	10	09-023006.0000	3.446
	Yes	12	11-001004.0000	34.281
	Yes	14	11-001007.0000	3.585
	Yes	15	09-022012.1000	2.725
	Yes	16	09-022014.0000	0.517
	Yes	17a	09-022005.0000	25.160
	Yes	17b	09-022005.0000	6.199
	Yes	18	11-003007.0000	5.732
	Yes	19	11-003019.0000	4.761
Tammie K. Shreve	Yes	52	11-007002.0000	0.425
	Yes	53	11-011002.0000	4.336
Thomas Moreland	Yes	23	11-003009.0000	3.505
Tom Kaufman	Yes	23	11-003009.0000	0.110
Tommy Lewis	Yes	23	11-003009.0000	0.014
Unknown Heirs or Assigns of Elizabeth Shaffer Wadsworth (NPRI)	Yes	49	11-006011.0000	6.157
Unknown Heirs or Assigns of Harry S. Shaffer, Jr. (NPRI)	Yes	49	11-006011.0000	6.157
Unknown Heirs or Assigns of Jacob Albert Yoss, Jr. (NPRI)	Yes	30	11-003014.0000	5.808
Unknown Heirs or Assigns of John J. Hinderlong and Annie Hinderlong (NPRI)	Yes	55	11-011007.0000	11.982
Unknown Heirs or Assigns of Laurretta Shaffer Bertram (NPRI)	Yes	49	11-006011.0000	6.157
Unknown Heirs or Assigns of Marietta M. Stover	No	4a	09-023011.0000	0.007
	No	6	09-023005.0000	0.001
Unknown Heirs or Assigns of Martha Helena Shaffer (NPRI)	Yes	49	11-006011.0000	6.157
Unknown Heirs or Assigns of William M. Shaffer (NPRI)	Yes	49	11-006011.0000	6.157
Valdemar Prince	Yes	23	11-003009.0000	0.272
Vertical Acres, LLC ATTN: Richard Stalder, Stanley Stalder, and Clara B. Stalder, Members	Yes	56	11-011005.0000	17.300
Vine Royalty (YC) L.P. ATTN: Adam R. Cox, Agent	Yes	26	11-003011.0000	0.267
Vine Royalty L.P. ATTN: Adam R. Cox, Agent	Yes	26	11-003011.0000	3.540
Violet Pugh	Yes	23	11-003009.0000	0.049
Wallis Metts, Jr.	Yes	23	11-003009.0000	0.407
William A. Brake and Miriam I. Brake, Trustees of the Brake Family Revocable Trust of March 18, 2024	Yes	40	11-006010.0000	19.134
	Yes	41	11-006020.0000	2.456
	Yes	49	11-006011.0000	6.157
	Yes	50	11-007003.0000	4.093
	Yes	51	11-007001.0000	20.303
William Dean Grether and Margaret S. Grether	Yes	48	11-006012.0000	24.162
William E. Butler, Jr.	Yes	33	15-018012.0000	1.110
William Kaufman	No	23	11-003009.0000	0.714

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	1a	09-023010.0000	0.093
	Yes	1a	09-023010.0000	0.093
	Yes	1a	09-023010.0000	0.005
	Yes	1a	09-023010.0000	0.005
	Yes	1a	09-023010.0000	0.005
	Yes	1a	09-023010.0000	0.041
	Yes	1a	09-023010.0000	0.005
	Yes	1b	09-023010.0000	0.143
	Yes	1b	09-023010.0000	0.143
	Yes	1b	09-023010.0000	0.002
	Yes	1b	09-023010.0000	0.002
	Yes	1b	09-023010.0000	0.002
	Yes	1b	09-023010.0000	0.013
	Yes	1b	09-023010.0000	0.002
	Yes	2	09-023013.0000	0.003
	Yes	2	09-023013.0000	0.00002
	Yes	2	09-023013.0000	0.00002
	Yes	2	09-023013.0000	0.00002
	Yes	2	09-023013.0000	0.0001
	Yes	2	09-023013.0000	0.00002
	Yes	3	09-023009.0000	1.739

SWN Production Company, LLC [cont'd]
ATTN: Andrew Smith

Yes	3	09-023009.0000	0.010
Yes	3	09-023009.0000	0.010
Yes	3	09-023009.0000	0.010
Yes	3	09-023009.0000	0.077
Yes	3	09-023009.0000	0.010
Yes	4a	09-023011.0000	0.083
Yes	4a	09-023011.0000	0.002
Yes	4a	09-023011.0000	0.002
Yes	4a	09-023011.0000	0.002
Yes	4a	09-023011.0000	0.014
Yes	4a	09-023011.0000	0.002
Yes	4b	09-023011.0000	6.448
Yes	4b	09-023011.0000	0.036
Yes	4b	09-023011.0000	0.036
Yes	4b	09-023011.0000	0.036
Yes	4b	09-023011.0000	0.287
Yes	4b	09-023011.0000	0.036
Yes	5	09-023004.0000	21.290
Yes	5	09-023004.0000	0.118
Yes	5	09-023004.0000	0.118
Yes	5	09-023004.0000	0.118
Yes	5	09-023004.0000	0.946
Yes	5	09-023004.0000	0.118
Yes	6	09-023005.0000	0.0003
Yes	6	09-023005.0000	0.0003
Yes	6	09-023005.0000	0.0003
Yes	6	09-023005.0000	0.003
Yes	6	09-023005.0000	0.0003
Yes	7	09-023007.0000	0.004
Yes	8	09-023012.0000	33.680
Yes	9	09-023002.0000	2.026
Yes	10	09-023006.0000	3.446
Yes	12	11-001004.0000	34.281
Yes	14	11-001007.0000	3.585
Yes	15	09-022012.1000	2.725
Yes	16	09-022014.0000	0.517
Yes	17a	09-022005.0000	25.160
Yes	17b	09-022005.0000	6.199
Yes	18	11-003007.0000	5.732
Yes	19	11-003019.0000	4.761
Yes	20	11-003006.0000	29.260
Yes	21	11-003022.0000	0.906
Yes	22	11-003003.0000	3.103
Yes	23	11-003009.0000	0.272
Yes	23	11-003009.0000	0.407
Yes	23	11-003009.0000	0.110
Yes	23	11-003009.0000	0.407
Yes	23	11-003009.0000	0.014
Yes	23	11-003009.0000	1.221
Yes	23	11-003009.0000	0.407
Yes	23	11-003009.0000	0.272
Yes	23	11-003009.0000	0.272
Yes	23	11-003009.0000	0.407
Yes	23	11-003009.0000	0.407
Yes	24	11-003020.0000	0.726
Yes	25	11-003021.0000	1.805
Yes	26	11-003011.0000	3.540
Yes	26	11-003011.0000	0.267
Yes	27	11-003012.0000	4.173
Yes	28	11-003010.0000	2.887
Yes	30	11-003014.0000	5.808
Yes	31	15-018006.0000	32.579
Yes	33	15-018012.0000	1.110
Yes	33	15-018012.0000	1.110
Yes	33	15-018012.0000	1.110
Yes	33	15-018012.0000	1.110
Yes	35	11-006013.0000	0.243
Yes	36	11-006013.2000	0.125
Yes	37	11-006013.1000	0.251
Yes	38	11-006013.3000	0.211
Yes	39	11-006005.0000	9.838
Yes	40	11-006010.0000	19.134
Yes	41	11-006020.0000	2.456

SWN Production Company, LLC [cont'd]
ATTN: Andrew Smith

Yes	42	11-006007.0000	18.282
Yes	43	11-006017.0000	0.458
Yes	44	11-006018.0000	0.169
Yes	45	11-006014.0000	10.435
Yes	46	11-006003.0000	2.381
Yes	47	11-006004.0000	6.395
Yes	48	11-006012.0000	24.162
Yes	49	11-006011.0000	6.157
Yes	50	11-007003.0000	4.093
Yes	51	11-007001.0000	20.303
Yes	51	11-007001.0000	6.768
Yes	52	11-007002.0000	1.275
Yes	52	11-007002.0000	1.275
Yes	52	11-007002.0000	0.425
Yes	52	11-007002.0000	0.425
Yes	53	11-011002.0000	13.007
Yes	53	11-011002.0000	13.007
Yes	53	11-011002.0000	4.336
Yes	53	11-011002.0000	4.336
Yes	56	11-011005.0000	17.300
Yes	6	09-023005.0000	0.016
Yes	11	11-001002.0000	6.165
Yes	13	11-001003.0000	0.063
Yes	23	11-003009.0000	0.146
Yes	23	11-003009.0000	0.487
Yes	23	11-003009.0000	0.407
Yes	23	11-003009.0000	0.438
Yes	23	11-003009.0000	1.460
Yes	23	11-003009.0000	0.032
Yes	23	11-003009.0000	0.032
Yes	23	11-003009.0000	0.272
Yes	23	11-003009.0000	0.110
Yes	23	11-003009.0000	0.110
Yes	23	11-003009.0000	0.110
Yes	23	11-003009.0000	0.714
Yes	23	11-003009.0000	0.487
Yes	23	11-003009.0000	0.487
Yes	23	11-003009.0000	0.014
Yes	23	11-003009.0000	0.014
Yes	23	11-003009.0000	1.971
Yes	23	11-003009.0000	0.487
Yes	23	11-003009.0000	3.505
Yes	23	11-003009.0000	0.049
Yes	23	11-003009.0000	0.219
Yes	23	11-003009.0000	0.219
Yes	23	11-003009.0000	0.272
Yes	23	11-003009.0000	0.973
Yes	23	11-003009.0000	0.028
Yes	23	11-003009.0000	0.028
Yes	23	11-003009.0000	0.014
Yes	23	11-003009.0000	0.028
Yes	29	11-003013.0000	6.258
Yes	29	11-003013.0000	12.516
Yes	29	11-003013.0000	6.258
Yes	29	11-003013.0000	6.258
Yes	32	15-018015.0000	0.414
Yes	34	11-006006.0000	3.174
Yes	54	11-011003.0000	3.466
Yes	55	11-011007.0000	11.982

Rice Drilling D LLC
ATTN: Martin Leehr

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)
Charles W. Haney	No	4a	09-023011.0000	0.007
	No	6	09-023005.0000	0.001
Colin Stevens	No	4a	09-023011.0000	0.007
	No	6	09-023005.0000	0.001
Donald Earl Wagner and Pamela Wagner, husband and wife	Yes	4a	09-023011.0000	0.007
	Yes	6	09-023005.0000	0.001
Gail Elizabeth Smith	No	4a	09-023011.0000	0.007
	No	6	09-023005.0000	0.001

George F. Fithen, IV	No	4a	09-023011.0000	0.007
	No	6	09-023005.0000	0.001
Jennifer A. Stevens	No	4a	09-023011.0000	0.007
	No	6	09-023005.0000	0.001
Judith G. Consentino, widow	Yes	4a	09-023011.0000	0.007
	Yes	6	09-023005.0000	0.001
Lance George Glaze and Nancy L. Glaze, husband and wife	Yes	4a	09-023011.0000	0.007
	Yes	6	09-023005.0000	0.001
Margaret Smith	No	4a	09-023011.0000	0.007
	No	6	09-023005.0000	0.001
Rebecca G. Vezina, single	Yes	4a	09-023011.0000	0.007
	Yes	6	09-023005.0000	0.001
William Patrick Stevens	No	4a	09-023011.0000	0.007
	No	6	09-023005.0000	0.001

NPRI = Non-Participating Royalty Interest