

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:	(832) 796-6109			
5	Email:	gary_nuckolls@swn.com			
6	Landman Name:	Gary Nuckolls			<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:	(832) 796-6109			
10	Email:	gary_nuckolls@swn.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:	McFrederick K Unit			Supplement <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2	Unit Location: <i>Include all counties and townships</i>	Wayne Township, Belmont County, Ohio			
3	Number of Tracts:	30			
4	Total Unit Area: <i>In acres</i>	465.864 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:	Utica/Point Pleasant Formation	Supplement
7	Is this a request to amend an order for unit operations?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/>
8	If yes to question 7, explain why the request for amendment is being submitted:		
9	If yes to question 7, please identify the Chief's Order to be amended:		
10	Is the applicant the owner, or have the consent of the owner(s), (as defined in R.C. 1509.01 (K)) of at least 65% of the land overlying the pool or part of a pool that is the subject of the unitization request?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/>
11	If yes to question 10, what is the total acreage applicant is the owner of, and has the consent of the owner(s) of, in the proposed unit?	417.975 acres	<input type="checkbox"/>
12	If 70% or less of the acreage in the proposed unit is consenting acreage in the unit, identify the method that was used to determine the area:	<input type="checkbox"/> GPS <input type="checkbox"/> Survey <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Other:	<input type="checkbox"/>
13	Does the unit include mineral interest owned by the State of Ohio? <i>If so, indicate the state agenc(ies) that own the mineral interest. If the state agency is unknown, list "unknown."</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 	<input type="checkbox"/>

Section 3. Exhibits Required

Exhibit A	A list identifying all mineral owners in the proposed unit, leased or unleased, including all working interest owners, in PDF and Excel format	Supplement
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
McFrederick K UP BLT 15H	15,513	27,209	\$12.3	\$17.9	\$62.3	\$30.5	\$13.7	24.4	<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
Total:	15,513	27,209	\$12.3	\$17.9	\$62.3	\$30.5	\$13.7	24.4	<input type="checkbox"/>

Non-Unitized Scenario

Well Name	Lateral Length (ft)	Measured Depth (ft)	Operating Costs (MM\$)	Capital Costs (MM\$)	Undiscounted Value of Estimated Recovery (MM\$)	PV0 (MM\$)	PV10 (MM\$)	Estimated Gross Recovery (BCFe)	Supplement
McFrederick K UP BLT 15H	2,617	14,313	\$2.9	\$7.9	\$9.2	\$(1.8)	\$(2.8)	3.6	<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
Total:	2,617	14,313	\$2.9	\$7.9	\$9.2	\$(1.8)	\$(2.8)	3.6	<input type="checkbox"/>

Difference

Well Name	Lateral Length (ft)	Measured Depth (ft)	Operating Costs (MM\$)	Capital Costs (MM\$)	Undiscounted Value of Estimated Recovery (MM\$)	PV0 (MM\$)	PV10 (MM\$)	Estimated Gross Recovery (BCFe)	Supplement
McFrederick K UP BLT 15H	12,896	12,896	\$9.4	\$10.0	\$53.1	\$32.3	\$16.5	20.8	<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
									<input type="checkbox"/>
Total:	12,896	12,896	\$9.4	\$10.0	\$53.1	\$32.3	\$16.5	20.8	<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 _____ (NAME) on behalf of _____ (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.

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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 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.

SIGNATURE	PRINT NAME	TITLE

STATE OF

--

COUNTY OF

--

Sworn to before me and subscribed in my presence on this

_____ day of _____, 20____.

MONTH YEAR

NOTARY SEAL

NOTARY PUBLIC

My commission expires _____.

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 **Gary Nuckolls** (NAME) on behalf of **SWN Production Company, LLC** (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.

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).

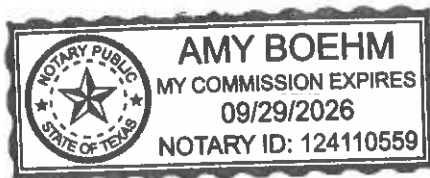
Where it was not reasonably possible or practicable to identify all of mineral interest owners' identities or addresses, Applicant will provide notice by publication of a hearing.

To the best of Applicant's knowledge and belief, the names and addresses of mineral interest owners it provided with this 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.

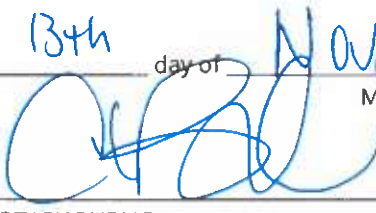
My signature below certifies that the information provided is true and accurate to the best of my knowledge, under penalty of law.

	Gary Nuckolls	Supervisor - Land
SIGNATURE	PRINT NAME	TITLE

STATE OF	Texas
COUNTY OF	Harris

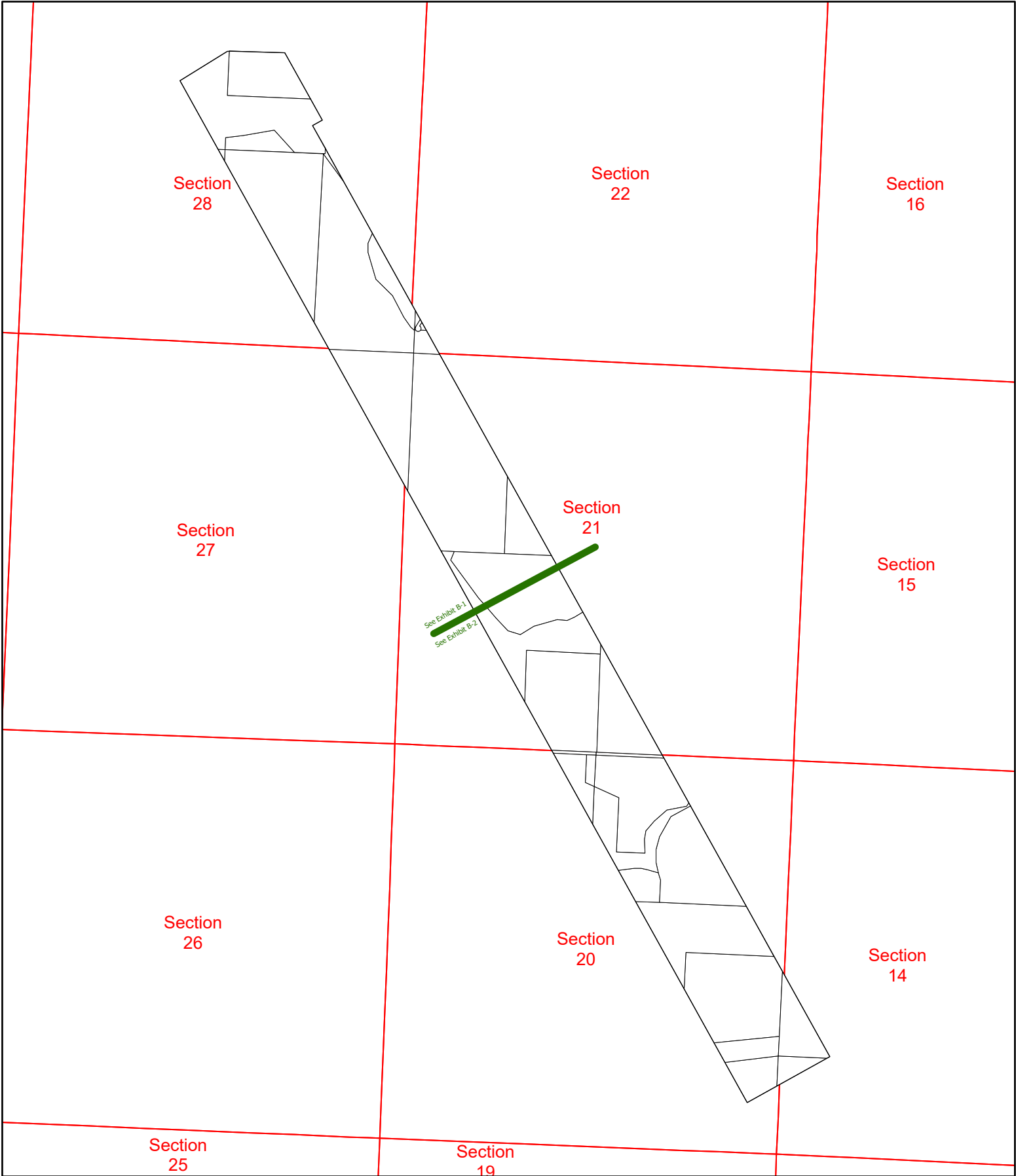


Sworn to before me and subscribed in my presence on this

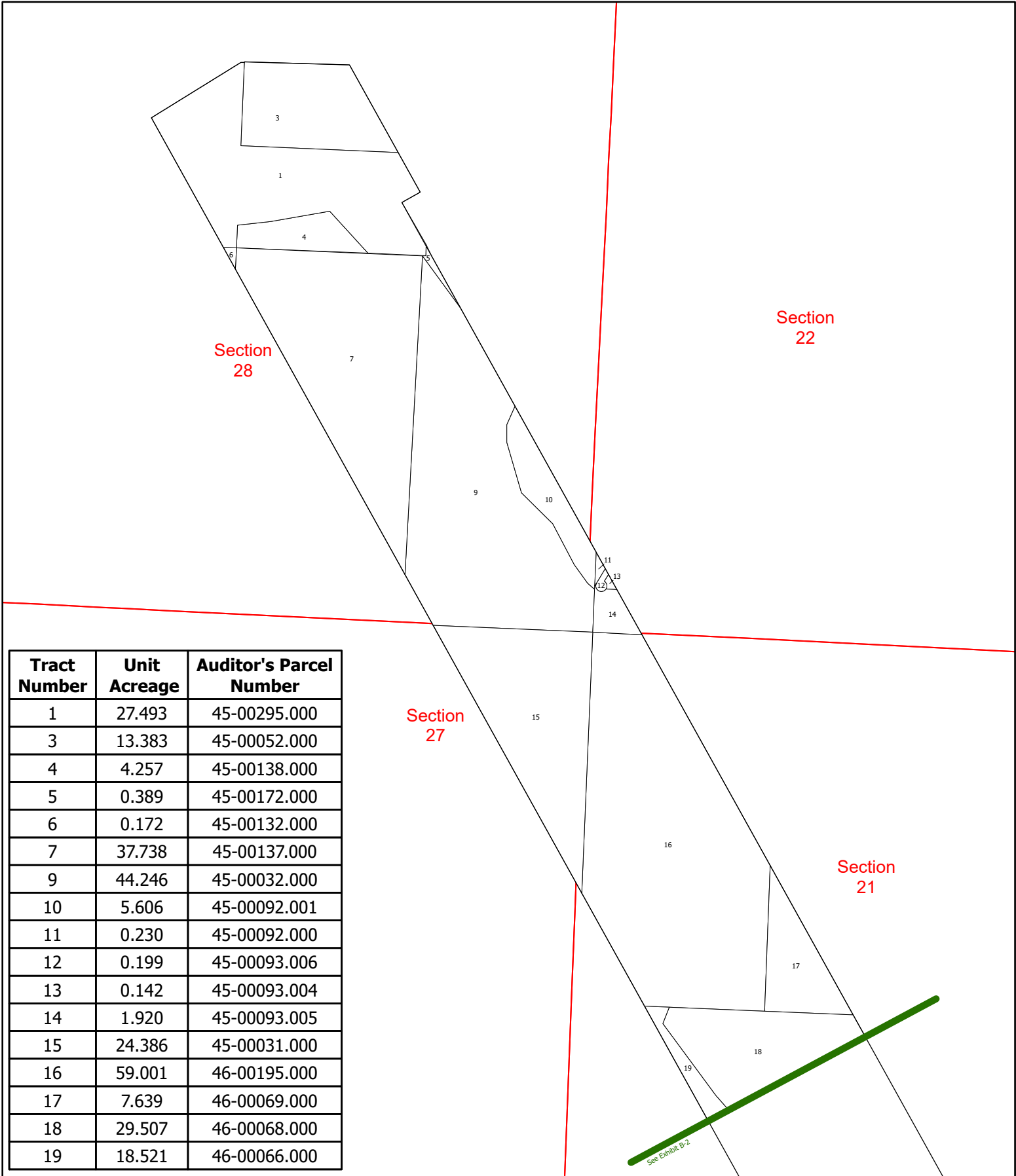
13th day of November, 2024

NOTARY PUBLIC

My commission expires

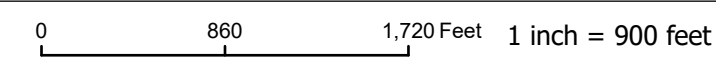
9/29/2026



<p>0 1,000 2,000 Feet</p> <p>1 inch = 1,700 feet</p>		<p>EXHIBIT B</p> <p>Contract Area: 465.864 Acres</p> <p>Wayne Township, Belmont County OH</p>		
<table border="1"><tr><td></td><td>Unit Boundary</td></tr><tr><td></td><td>Section Lines</td></tr></table> <p>McFrederick K Unit</p>			Unit Boundary	
	Unit Boundary			
	Section Lines			





Tract Number	Unit Acreage	Auditor's Parcel Number
1	27.493	45-00295.000
3	13.383	45-00052.000
4	4.257	45-00138.000
5	0.389	45-00172.000
6	0.172	45-00132.000
7	37.738	45-00137.000
9	44.246	45-00032.000
10	5.606	45-00092.001
11	0.230	45-00092.000
12	0.199	45-00093.006
13	0.142	45-00093.004
14	1.920	45-00093.005
15	24.386	45-00031.000
16	59.001	46-00195.000
17	7.639	46-00069.000
18	29.507	46-00068.000
19	18.521	46-00066.000

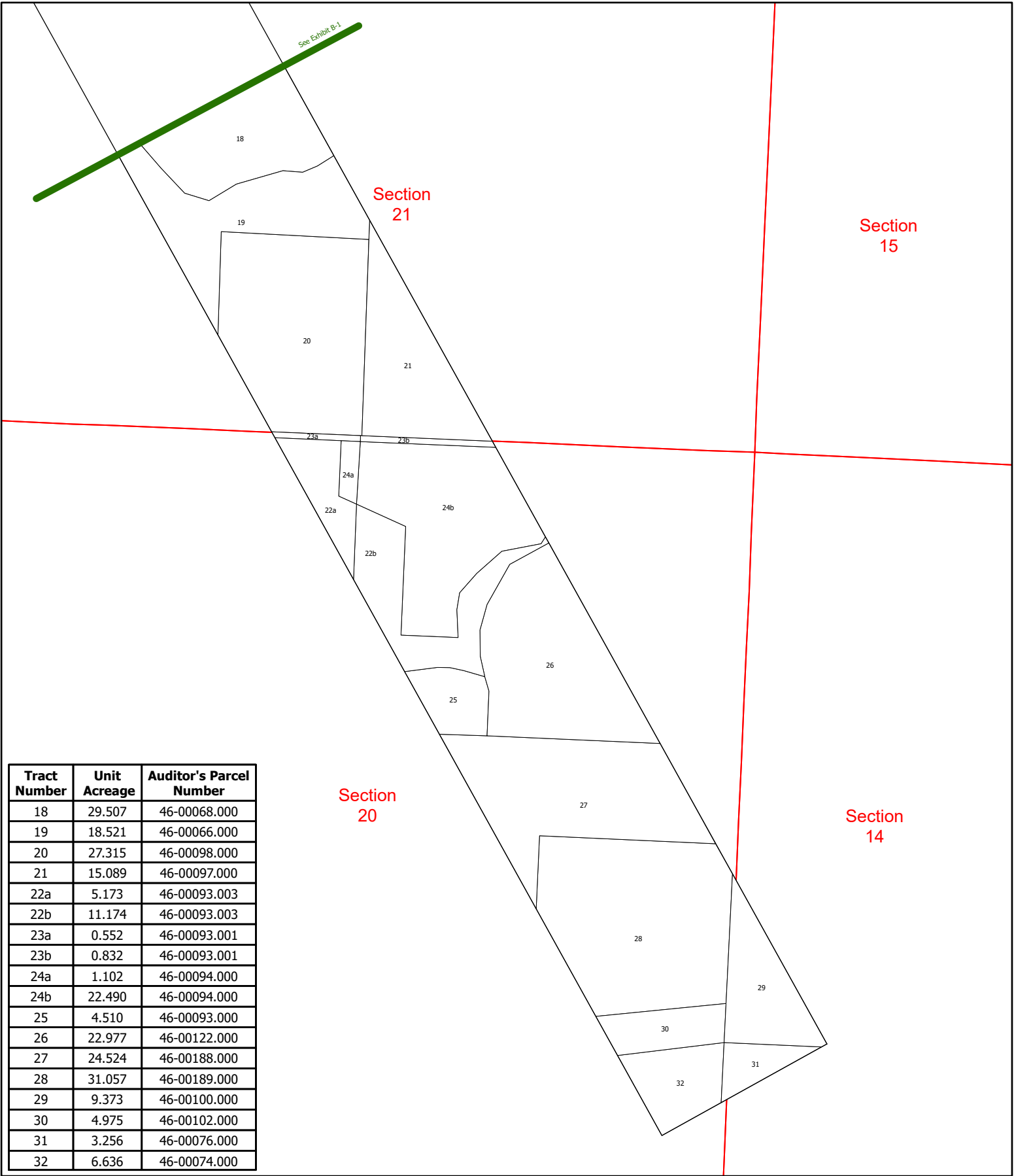


McFrederick K Unit

EXHIBIT B-1

Contract Area: 465.864 Acres
Wayne Township, Belmont County OH

 Unit Boundary
 Section Lines



Tract Number	Unit Acreage	Auditor's Parcel Number
18	29.507	46-00068.000
19	18.521	46-00066.000
20	27.315	46-00098.000
21	15.089	46-00097.000
22a	5.173	46-00093.003
22b	11.174	46-00093.003
23a	0.552	46-00093.001
23b	0.832	46-00093.001
24a	1.102	46-00094.000
24b	22.490	46-00094.000
25	4.510	46-00093.000
26	22.977	46-00122.000
27	24.524	46-00188.000
28	31.057	46-00189.000
29	9.373	46-00100.000
30	4.975	46-00102.000
31	3.256	46-00076.000
32	6.636	46-00074.000

08201,640 Feet

1 inch = 850 feet

N

W

E

S

Unit Boundary

Section Lines

McFrederick K Unit

EXHIBIT B-2

Contract Area: 465.864 Acres

Wayne Township, Belmont County OH

Tract Number	Unit Acreage	Auditor's Parcel Number	Page
1	27.493	45-00295.000	B-1
2	OMITTED	OMITTED	OMITTED
3	13.383	45-00052.000	B-1
4	4.257	45-00138.000	B-1
5	0.389	45-00172.000	B-1
6	0.172	45-00132.000	B-1
7	37.738	45-00137.000	B-1
8	OMITTED	OMITTED	OMITTED
9	44.246	45-00032.000	B-1
10	5.606	45-00092.001	B-1
11	0.230	45-00092.000	B-1
12	0.199	45-00093.006	B-1
13	0.142	45-00093.004	B-1
14	1.920	45-00093.005	B-1
15	24.386	45-00031.000	B-1
16	59.001	46-00195.000	B-1
17	7.639	46-00069.000	B-1
18	29.507	46-00068.000	B-1, B-2
19	18.521	46-00066.000	B-1, B-2
20	27.315	46-00098.000	B-2
21	15.089	46-00097.000	B-2
22a	5.173	46-00093.003	B-2
22b	11.174	46-00093.003	B-2
23a	0.552	46-00093.001	B-2
23b	0.832	46-00093.001	B-2
24a	1.102	46-00094.000	B-2
24b	22.490	46-00094.000	B-2
25	4.510	46-00093.000	B-2
26	22.977	46-00122.000	B-2
27	24.524	46-00188.000	B-2
28	31.057	46-00189.000	B-2
29	9.373	46-00100.000	B-2
30	4.975	46-00102.000	B-2
31	3.256	46-00076.000	B-2
32	6.636	46-00074.000	B-2

0 1,000 2,000 Feet

1 inch = 1,417 feet



EXHIBIT B-3

Contract Area: 465.864 Acres

Wayne Township, Belmont County OH

McFrederick K Unit

Exhibit H - McFrederick K Unit				
Mineral Owners				
Name	Leased Yes or No	Tract Number(s)	Tax Map Parcel ID(s)	Surface Acres in Unit (Net)
Barbara E. Martin and Harold E. Doudna, CoTrustees of the Harold E. Doudna Trust, dated June 28, 2017 (NPRI)	Yes	19	46-00066.000	18.521
Bruner Land Company, Inc.	Yes	10	45-00092.001	5.606
ATTN: Doulas R. Bruner, President	Yes	11	45-00092.000	0.230
Captina Cattle Company, LLC	Yes	1	45-00295.000	13.884
ATTN: Marvin Steed, Member and Michele Steed, Member				
Captina Creek Preserve, LTD	Yes	17	46-00069.000	7.639
ATTN: E. James Witmer, Member	Yes	18	46-00068.000	29.507
	Yes	19	46-00066.000	18.521
Cary D. Leach and Shaun R. Leach, husband and wife	Yes	16	46-00195.000	29.501
Charles A. Merecka (NPRI)	Yes	19	46-00066.000	18.521
Christopher J. Parsons	Yes	12	45-00093.006	0.040
Cynthia L. Ramsey	Yes	12	45-00093.006	0.040
	Yes	13	45-00093.004	0.142
Damon K. Detling	Yes	3	45-00052.000	6.445
	Yes	3	45-00052.000	6.938
Daniel D. Warfield, as Trustee of the Daniel D. Warfield Family Trust dated December 1, 2014	Yes	16	46-00195.000	29.501
DC Hollowrock, LLC	Yes	9	45-00032.000	44.246
ATTN: Damon K. Detling	Yes	15	45-00031.000	24.386
Diana L. Seal	Yes	28	46-00189.000	31.057
Donna A. Hagan, Trustee of the Donna A. Hagan Declaration of Trust U/A dated February 27, 2015	Yes	23a	46-00093.001	0.552
	Yes	23b	46-00093.001	0.416
Eli Rebich (NPRI)	Yes	19	46-00066.000	18.521
Gateway Royalty II, LLC	Yes	26	46-00122.000	6.733
ATTN: Chris Oldham, President				
Gateway Royalty IV, LLC	Yes	1	45-00295.000	13.609
ATTN: Chris Oldham, President				
Jerald L. Booth (NPRI)	Yes	19	46-00066.000	18.521
Jerdene, LLC	Yes	29	46-00100.000	9.373
ATTN: Nadene P. Hamilton and/or Jerry E. Hamilton	Yes	30	46-00102.000	4.975
	Yes	31	46-00076.000	3.256
	Yes	32	46-00077.000	6.636
Justin J. Merecka (NPRI)	Yes	19	46-00066.000	18.521
Larry J. Seal	Yes	27	46-00188.000	24.524
Larry K. West and Wilma M. West, Trustee of the Larry and Wilma West Living Trust, dated 05/10/2018	Yes	5	45-00172.000	0.389
Lory Merecka Shelton (NPRI)	Yes	19	46-00066.000	18.521
Marvin Steed and Michele Steed, husband and wife	Yes	4	45-00138.000	2.129
	Yes	6	45-00132.000	0.172
	Yes	7	45-00137.000	18.869
Micah J. Fuchs	Yes	26	46-00122.000	16.244
Monty J. Merecka (NPRI)	Yes	19	46-00066.000	18.521
Pamela S. Abend	Yes	12	45-00093.006	0.040
Phillip D. Doudna (NPRI)	Yes	19	46-00066.000	18.521
Rick D. Hagan and Linda M. Hagan, Co-Trustees of the Hagan Family Trust, dated July 25, 2017	Yes	20	46-00098.000	27.315
	Yes	21	46-00097.000	14.146
	Yes	24a	46-00094.000	1.102
	Yes	24b	46-00094.000	11.245
	Yes	25	46-00093.000	2.255
Robert J. Doudna (NPRI)	Yes	19	46-00066.000	18.521
Ryan James Hagan and Wava E. Hagan, husband and wife	Yes	22a	46-00093.003	5.173
	Yes	22b	46-00093.003	5.587
Timothy L. Parsons	Yes	12	45-00093.006	0.040
Truist Financial Corporation, aka Truist Bank, Successor Trustee of the Trust under Will of Josephine Lundy (NPRI)	Yes	21	46-00097.000	14.146
ATTN: Margaret K. Jordan, Vice President of Mineral, Oil and Gas at Truist Bank				
Unknown Heirs or Assigns of Anne D. Kennard	No	4	45-00138.000	0.142
	No	7	45-00137.000	1.258
Unknown Heirs or Assigns of John Phillips	No	22b	46-00093.003	5.587
	No	23b	46-00093.001	0.416
	No	24b	46-00094.000	11.245
	No	25	46-00093.000	2.255
Unknown Heirs or Assigns of Josephine Welch McMechan, a/k/a Josephine McMechan Lundy	No	21	46-00097.000	0.943
Unknown Heirs or Assigns of Lena Kennard	No	4	45-00138.000	0.284
	No	7	45-00137.000	2.516
Unknown Heirs or Assigns of Martha Y. Farley	No	4	45-00138.000	0.142
	No	7	45-00137.000	1.258

Unknown Heirs or Assigns of Mary Ann Rice	No	4	45-00138.000	0.355
	No	7	45-00137.000	3.145
Unknown Heirs or Assigns of Mary Elizabeth Kennard Atkinson	No	4	45-00138.000	0.284
	No	7	45-00137.000	2.516
Unknown Heirs or Assigns of Pauline Groves Kennard	No	4	45-00138.000	0.284
	No	7	45-00137.000	2.516
Unknown Heirs or Assigns of Ruth K. Pickett	No	4	45-00138.000	0.284
	No	7	45-00137.000	2.516
Unknown Heirs or Assigns of T. Riley Huffman	No	4	45-00138.000	0.355
	No	7	45-00137.000	3.145
Vicky Rolf (NPRI)	Yes	19	46-00066.000	18.521
Willis F. Parsons, Jr.	Yes	12	45-00093.006	0.040
	Yes	14	45-00093.005	1.920

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: Gary Nuckolls	Yes	1	45-00295.000	13.884
	Yes	3	45-00052.000	6.938
	Yes	4	45-00138.000	2.129
	Yes	6	45-00132.000	0.172
	Yes	7	45-00137.000	18.869
	Yes	9	45-00032.000	44.246
	Yes	15	45-00031.000	24.386
	Yes	16	46-00195.000	29.501
	Yes	16	46-00195.000	29.501
	Yes	17	46-00069.000	7.639
	Yes	18	46-00068.000	29.507
	Yes	19	46-00066.000	18.521
	Yes	27	46-00188.000	24.524
Gulfport Appalachia, LLC ATTN: John Winzeler	Yes	28	46-00189.000	31.057
	Yes	1	45-00295.000	13.609
	Yes	5	45-00172.000	0.389
	Yes	10	45-00092.001	5.606
	Yes	11	45-00092.000	0.230
	Yes	12	45-00093.006	0.040
	Yes	12	45-00093.006	0.040
	Yes	12	45-00093.006	0.040
	Yes	12	45-00093.006	0.040
	Yes	12	45-00093.006	0.040
	Yes	13	45-00093.004	0.142
	Yes	14	45-00093.005	1.920
	Yes	20	46-00098.000	27.315
	Yes	21	46-00097.000	14.146
	Yes	22a	46-00093.003	5.173
	Yes	22b	46-00093.003	5.587
	Yes	23a	46-00093.001	0.552
	Yes	23b	46-00093.001	0.416
	Yes	24a	46-00094.000	1.102
	Yes	24b	46-00094.000	11.245
	Yes	25	46-00093.000	2.255
	Yes	26	46-00122.000	6.733
	Yes	26	46-00122.000	16.244
	Yes	29	46-00100.000	9.373
	Yes	30	46-00102.000	4.975
	Yes	31	46-00076.000	3.256
	Yes	32	46-00077.000	6.636
Rice Drilling D, LLC ATTN: Martin Lechr	Yes	3	45-00052.000	6.445

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)
Andrew Edward Farley	No	4	45-00138.000	2.129
	No	7	45-00137.000	18.869
Anne Pryor Farley	Yes	4	45-00138.000	2.129
	Yes	7	45-00137.000	18.869

Carolyn McGrath	Yes	4	45-00138.000	2.129
	Yes	7	45-00137.000	18.869
Charles P. Huffman Jr.	Yes	4	45-00138.000	2.129
	Yes	7	45-00137.000	18.869
David Atkinson	No	4	45-00138.000	2.129
	No	7	45-00137.000	18.869
Edward Kennard Pickett, Jr.	No	4	45-00138.000	2.129
	No	7	45-00137.000	18.869
Elizabeth Ann Farley	No	4	45-00138.000	2.129
	No	7	45-00137.000	18.869
Elizabeth Brown	Yes	4	45-00138.000	2.129
	Yes	7	45-00137.000	18.869
George Conrad Huffman Jr.	Yes	4	45-00138.000	2.129
	Yes	7	45-00137.000	18.869
Heather L. Estis, as Co-Trustee of the John G. Kennard Trust	No	4	45-00138.000	2.129
	No	7	45-00137.000	18.869
Jason A. Levine	Yes	4	45-00138.000	2.129
	Yes	7	45-00137.000	18.869
Jeremy Atkinson	No	4	45-00138.000	2.129
	No	7	45-00137.000	18.869
Joy Sparks	No	4	45-00138.000	2.129
	No	7	45-00137.000	18.869
Judith L. Pickett	No	4	45-00138.000	2.129
	No	7	45-00137.000	18.869
Kathryn Provo	Yes	4	45-00138.000	2.129
	Yes	7	45-00137.000	18.869
Kelly Mynes, as Co-Trustee of the John G. Kennard Trust	No	4	45-00138.000	2.129
	No	7	45-00137.000	18.869
Larry K. West and Wilma M. West	Yes	5	45-00172.000	0.389
Mark Selby	No	4	45-00138.000	2.129
	No	7	45-00137.000	18.869
Melissa Mertz	Yes	4	45-00138.000	2.129
	Yes	7	45-00137.000	18.869
Nancy Farley	Yes	4	45-00138.000	2.129
	Yes	7	45-00137.000	18.869
Robert B. Nance, as Trustee of the Mary B. Nance Revocable Trust	No	4	45-00138.000	2.129
	No	7	45-00137.000	18.869
Robert F. Carter	No	4	45-00138.000	2.129
	No	7	45-00137.000	18.869
Rodney Selby	No	4	45-00138.000	2.129
	No	7	45-00137.000	18.869
Sofia Stringfiled (Atkinson)	No	4	45-00138.000	2.129
	No	7	45-00137.000	18.869
Truist Financial Corporation, aka Truist Bank, Successor Trustee of the Trust under Will of Josephine Lundy	No	21	46-00097.000	0.943
Unknown Heirs or Assigns of Brice Dunn Love	No	4	45-00138.000	2.129
	No	7	45-00137.000	18.869
Unknown Heirs or Assigns of David B. Pittman	No	26	46-00122.000	22.977

NPRI = Non-Participating Royalty Interest