



Ohio Department of Natural Resources

MIKE DEWINE, GOVERNOR

MARY MERTZ, DIRECTOR

Eric Vendel, Chief

Division of Oil and Gas Resources Management
2045 Morse Rd, Building F
Columbus, Ohio 43229
Phone: (614) 265-6922; Fax: (614) 265-6910

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ORDER BY THE CHIEF

June 5, 2023

ORDER NO. 2023-117 - CORRECTED

TO: SWN Production (Ohio), LLC
10000 Energy Drive
Spring, TX 77389

RE: Application for Unitization
Posey B Unit
Guernsey County, Ohio
Corrected Unit Order

SUBJECT: CORRECTED: Order for Unit Operations of the Utica shale and Point Pleasant Formation for the Posey B Unit

Pursuant to Ohio Revised Code (“R.C.”) § 1509.28, the Chief of the Division of Oil and Gas Resources Management (“Chief” or “Division”) makes the following Findings and issues the following Order with respect to SWN Production (Ohio), LLC’s (“SWN”) Application for Unit Operations for the Posey B Unit:

DEFINITIONS:

As used in this order:

- 1) “Person” has the same meaning as in R.C. § 1509.01.
- 2) “Application” means the application of SWN Production (Ohio), LLC for Unit Operation of the Posey B Unit dated February 6, 2023, and includes all updates, amendments, and supplements to it.
- 3) “Royalty interest owner” means a person or the estate of a person, other than a working interest owner, who owns the right to or interest in any portion of the oil and/or gas, or proceeds from the sale thereof, from a tract.

- 4) “Working interest” means an interest in oil and/or gas in the unit area by virtue of a lease, operating agreement, fee title, or otherwise, including a carried interest, the owner of which is obligated to pay, either in cash or out of production or otherwise a portion of the unit expense.
- 5) “Working interest owner” means a person or the estate of a person who owns an interest in oil and/or gas in the unit area by virtue of a lease, operating agreement, fee title, or otherwise, including a carried interest, the owner of which is obligated to pay, either in cash or out of production or otherwise a portion of the unit expense. “Working interest owner” does not include an unleased mineral owner.
- 6) “Unleased mineral owner” means a royalty interest owner who owns oil and/or gas rights free of a lease or other instrument conveying all or any portion of the working interest in such rights to another. At the time of this order, the unleased mineral owners identified by SWN include those listed on Exhibit A.
- 7) “Consenting working interest owner” means any working interest owner who enters into an agreement with SWN pertaining to the operation of the Posey B Unit.
- 8) “Non-consenting working interest owner” means a working interest owner who does not enter into an agreement with SWN pertaining to the operation of the Posey B Unit. At the time of this order, the non-consenting working interest owners identified by SWN include those listed as leased on Exhibit A with a 0.000% consenting working interest percentage.
- 9) “Gas” has the same meaning as in R.C. § 1509.01.
- 10) “Oil” has the same meaning as in R.C. § 1509.01.
- 11) “Unit Area” means all of the lands, oil and gas leases and/or oil and gas interests of the tracts as shown in Exhibit A totaling 442.661 acres located in Madison, Oxford, and Wills Townships, Guernsey County, Ohio as shown in Exhibit B.
- 12) “Unit Participation” means the ratio of the surface acreage of a specific tract in the unit area to the total surface acreage of the unit area as that total surface acreage is specified in paragraph one of the Plan for Unit Operations of this order.
- 13) “Gross Proceeds” means a share of the gross production of oil, gas, condensate, and natural gas liquids free of any and all cost of producing, gathering, storing, separating, treating, dehydrating, compressing, processing, transporting, marketing, or pipeline construction and maintenance.
- 14) “Net Proceeds” means the share of gross production of oil, gas, condensate, or natural gas liquids after payment of all costs of producing, gathering, storing, separating, treating, dehydrating, compressing, processing, transporting, and marketing and taxes.

BACKGROUND:

- 1) SWN filed the application pursuant to R.C. § 1509.28 to conduct unit operations.
- 2) Pursuant to R.C. § 1509.28, the Division held a hearing on April 5, 2023. The hearing was held to consider the need for the operation as a unit of an entire pool or part thereof. SWN representatives provided testimony on the application and answered questions from Division staff.
- 3) The unit operations will occur at an approximate true vertical depth located from the top of the Utica shale to the base of the Point Pleasant Formation.

FINDINGS:

- 1) Based on the application and testimony by SWN's representatives, the Chief finds that SWN has established that it is the "owner," as that term is defined in R.C. § 1509.01(K), of greater than 65% of the land area overlying the pool in the Posey B Unit as required by R.C. § 1509.28(A).
- 2) Based on the application and testimony by SWN's representatives, the Chief finds that the operation of the Posey B Unit is reasonably necessary to increase substantially the ultimate recovery of oil and gas.
- 3) Based on the application and testimony by SWN's representatives, the Chief finds the value of the estimated additional recovery of oil or gas from the Posey B Unit exceeds the estimated additional cost incident to conducting the operation of the Posey B Unit.

ORDER:

IT IS HEREBY ORDERED:

Pursuant to R.C. § 1509.28, SWN is authorized to conduct operations within the Posey B Unit in accordance with all of the following:

Plan for Unit Operations

- 1) The unit area is comprised of the tracts totaling 442.661 acres in Madison, Oxford, and Wills Townships, Guernsey County, Ohio, as shown on Exhibit B.

- 2) SWN proposes to drill one well in the Posey B Unit for the purpose of recovering oil and gas. SWN shall drill at least one well to total measured depth as specified in the application in the unit area within 12 months from the date of approval of this Order as prescribed in Paragraph 10 of this order. If SWN fails to drill at least one well to total measured depth as specified in the application in the unit area within 12 months from the date of approval of this Order as prescribed in Paragraph 10 of this order, the Chief may revoke this order. In order to achieve the stated goal of substantially increasing the ultimate recovery of oil and gas from the Utica shale and Point Pleasant Formation within the unit area, SWN shall produce from one well no later than two years after the date of approval of this order. If SWN fails to drill, complete, and produce at least one well in the unit area, the Chief may amend or revoke this order. Any additional wells permitted by the Chief for the Utica shale and Point Pleasant Formation in the unit area are subject to this order.
- 3) Information from SWN for the Posey B Unit establishes that the Utica shale and Point Pleasant Formation uniformly underlies the unit area. Therefore, the allocated share of production to each tract shall be equal to that tract's unit participation.
- 4) Except as provided in Paragraph 9(d) of this order, all charges and credits made for investments in wells, tanks, pumps, machinery, materials, and equipment contributed to the Posey B unit operations shall be allocated among the working interest owners of each tract based on the unit participation. The proportionate share of the expenses attributable to tracts of the unleased mineral owners shall be allocated to SWN and the working interest owners.
- 5) All unit operation expenses, including capital investment, shall be charged to, and paid by, SWN and working interest owners in amounts based on the unit participation plus their proportionate share of the expenses attributable to the tracts of unleased mineral owners. All unit operation expenses concerning wells and operating equipment shall be just and reasonable.
- 6) If necessary, SWN and the consenting working interest owners shall carry, or otherwise finance, any non-consenting working interest owners who are unable to meet their financial obligations in connection with the unit operations. SWN and all other consenting working interest owners' reasonable interest charge for carrying or financing the non-consenting working interest owners shall be determined by the terms of SWN's Unit Agreement and Model Form Operating Agreement for the Posey B Unit. Once a specific cost is charged to the initial well, that same cost cannot be charged to subsequent wells in the unit area.
- 7) SWN shall supervise and conduct all unit operations. Each working interest owner shall have a voting interest equal to its Unit Participation. Approval of unit operations shall be subject to the terms of SWN's Unit Agreement and Model Form Operating Agreement for the Posey B Unit.

- 8) Unit operations may commence as of 7:00 a.m. on the day following the date of approval of this order as prescribed in Paragraph 10 of this order. Once the initial well is placed into production, operations within the Posey B Unit may continue as long as hydrocarbons are produced from any well in the unit area without a cessation of more than 90 days, unless otherwise approved by the Chief in writing. The Posey B Unit may be terminated if working interest owners owning at least 51% of the working interest in the unit area determine that the unit operations are no longer warranted. If the unit operations are so terminated, SWN shall provide written notice of the termination to the Division and to all unleased mineral owners. In addition to the notice of termination, SWN shall provide an affidavit to the Division attesting to the basis of the termination and all dates applicable to that basis. If termination of unit operations occurs prior to drilling and completing for production of one well in the Posey B Unit, the Chief may amend this order.
- 9) The following additional provisions are found to be appropriate:
 - a) No activity associated with the drilling, completion, or operation of the Posey B Unit shall be conducted on the surface of any unleased property without the prior written consent of the owner of the surface rights of the unleased property.
 - b) Unleased mineral owners shall not incur liability for any personal or property damage associated with any drilling, testing, completing, producing, operating, or plugging and restoration activities within the Posey B Unit.
 - c) Each unleased mineral owner shall receive a monthly cash payment equal to a one-eighth share of the gross proceeds from production. Allocation of the one-eighth share shall be based on the unit participation of each unleased mineral owner's tract. SWN shall make monthly cash payments to all unleased mineral owners at the same time the royalty interest owners are paid.
 - d) In addition to the cash payment specified in paragraph 9(c) of this Order, each unleased mineral owner shall receive a monthly cash payment equal to a seven-eighths share of the net proceeds from production. Allocation of the seven-eighths share shall be based on the unit participation of each unleased mineral owner's tract. After SWN recovers 200% of the cost of drilling, testing, and completing the initial well, SWN shall begin making the monthly payments to the unleased mineral owners for that well. For each additional well drilled in the unit area, SWN shall begin making monthly payments equal to seven-eighths share of net proceeds from production to each unleased mineral owner once the working interest owners have recovered 150% of the cost of drilling, testing, and completing each additional well. Once a specific cost is charged to the initial well, that same cost cannot be charged to subsequent wells in the unit area.

- e) Nothing in this order prohibits an unleased mineral owner from entering into a lease agreement with SWN or with any other person. An unleased mineral owner who enters into a lease of their mineral interests with any person after the issuance of this order is no longer an unleased mineral owner under this order as of the effective date of the lease. SWN shall notify the Division upon the execution of a lease agreement with any unleased mineral owner who is subject to this order.
- f) Except as provided in Paragraph 9(d) of this order, no expenses shall be paid by an unleased mineral owner for drilling, testing, completing, producing, or operating any well in the unit area. Moreover, unleased mineral owners are not responsible for any costs related to plugging any well or any restoration in the unit area.
- g) If requested in writing by any unleased mineral owner or by any non-consenting working interest owner, or in any manner by the Division, SWN shall provide, not later than 30 days after the request, any of the following:
 - i. A monthly statement of all costs incurred, together with the quantity of oil and gas produced, and the amount of proceeds realized from the sale of production during the preceding month; and
 - ii. Any authorization for expenditure (AFE) prepared by SWN; and
 - iii. A statement of all costs and expenses for purposes of Paragraphs 6 and 9(d) of this order.
- h) SWN shall notify the Division of the assignment or transfer of any of its working interest in the Posey B Unit. If SWN assigns or transfers any of its working interest, the assignee or transferee shall comply with this order. Within 60 days of the notice of assignment or transfer, SWN shall file a copy of the notice with the Guernsey County (Ohio) Recorder's Office, in the records of each of the tracts that are subject to this order and referenced in Exhibit B of this order. SWN shall submit a certification of the filing to the Division within 14 days of filing.
- i) SWN shall notify the Division within 30 days if a person that is leased by SWN, or any other consenting working interest owner, for purposes of operating the Posey B Unit becomes unleased. If a person becomes unleased, the person is an unleased owner under this order and paragraphs 9(a) through 9(g) of this order apply.

- j) SWN shall notify the Division if any consenting working interest owner revokes, rescinds, or otherwise terminates the agreement with SWN pertaining to the operation of the Posey B Unit. If a consenting working interest owner revokes, rescinds, or otherwise terminates the agreement with SWN, the working interest owner becomes a non-consenting working interest owner pursuant to this order. SWN also shall notify the Division if any consenting working interest owner assigns or transfers all or part of its working interest in the Posey B Unit. All such assignees or transferees are subject to this order.
 - k) SWN shall notify the Division if any non-consenting working interest owner enters into an agreement with SWN pertaining to the operation of the Posey B Unit. If a non-consenting working interest owner enters into an agreement with SWN, the non-consenting working interest owner becomes a consenting working interest owner pursuant to this order.
 - l) If at any point SWN and consenting working interest owners own less than 65% of the unit, the Chief may amend or revoke this order.
- 10) This order becomes effective on the date SWN provides the Chief with final written approval of the unit operations as prescribed in this order by SWN and consenting working interest owners, and also by the royalty interest owners or, with respect to unleased acreage, unleased mineral owners of 65% of the acreage to be included in the unit. Unit operations may commence as set forth in Paragraph 8 of this Order. If SWN fails to provide all required approvals by November 30, 2023, the order is revoked, and the Chief shall provide notice of the revocation to SWN and to all persons listed in Exhibit A to this order.
 - 11) If this Chief's Order is appealed, the time periods specified in this order are tolled pending final determination of the appeal.
 - 12) Within 21 days of this order becoming effective, SWN shall file a copy of this order with each applicable county recorder's office in the records of each of the tracts that are subject to this order and referenced in Exhibit B of this order. SWN shall submit a certification of the filing to the Division within 14 days of filing. The certification shall include a reference to the volume and page number corresponding to each record where the Chief's Order is recorded.
 - 13) The Chief of the Division retains continuing jurisdiction over the Posey B Unit as is consistent with the Chief's powers and duties as established by R.C. Chapter 1509 and Ohio Admin. Code 1501:9. The Chief reserves the right to amend or revoke this Order subsequent to the commencement of unit operations within the unit area.
 - 14) Except as specifically set forth in the terms of this order, nothing herein shall be construed as a release or waiver of any private right, obligation, duty, claim, or cause of action.

- 15) If there is a conflict between the terms of this Chief's Order and any part of SWN's application, the Chief's Order takes precedence.

June 5, 2023

Eric Vendel

Date

/s/

Eric Vendel, Chief
Division of Oil and Gas Resources Management

Addressee is hereby notified that this action is final and may be appealed pursuant to Section 1509.36 of the Ohio Revised Code. If the Order is appealed to the Ohio Oil and Gas Commission, the appeal must be in writing and must set forth the Orders complained of and the grounds upon which the appeal is based. Such appeal must be filed with the Oil and Gas Commission, 2045 Morse Road, Building E-1, Office 103, Columbus, Ohio 43229-6693, within 30 days after the date upon which the person to whom the Order was issued received the order and, for all other persons adversely affected by the order, within 30 days after the date of the Order.

In addition, within three days after the appeal is filed with the Oil and Gas Commission, notice of the filing must be submitted to Eric Vendel, Chief, Division of Oil and Gas Resources Management, Ohio Department of Natural Resources, 2045 Morse Road, Building F, Columbus, Ohio 43229-6693.

Enclosures: Exhibit A
Exhibit B

Posey B Unit Chief's Order Exhibit A

Exhibit A																			
All Mineral Owners in the proposed Posey B Unit.																			
Tract Number	Mineral Owner	Leased Yes or No	Decimal Interest in Tract	Surface Acres in Unit (Net)	Tract Participation in Unit (Net)	Tax Map Parcel ID	Township	County	Consenting Working Interest Percentage	Applicant Working Interest Percentage	RHDK Oil & Gas LLC Working Interest Percentage	OGM Partners, LLC Working Interest Percentage	Ascent Resources - Utica, LLC Working Interest Percentage	Roaring Fork Royalties, LLC Working Interest Percentage	Address	City	State	Zip	Changes
1	Steven L. Kapeluck, Jr. and Melissa A. Kapeluck, husband and wife, as survivorship tenants	Yes	1.000	12.392	2.799%	22-0000249.002	Madison	Guernsey	1.400%	0.000%	1.400%	0.000%	1.400%	0.000%	2698 Watervale Drive	Uniontown	OH	44685	None.
2	Andrew Mazer and Jennifer Mazer, for their joint lives, remainder to the survivor of them	Yes	1.000	0.377	0.085%	22-0000249.005	Madison	Guernsey	0.043%	0.000%	0.043%	0.000%	0.043%	0.000%	13813 Calabooone Road	Doylestown	OH	44230	None.
3	Paul E. Rohr	Yes	1.000	61.162	13.817%	22-0000297.000	Madison	Guernsey	13.817%	13.817%	0.000%	0.000%	0.000%	0.000%	819 Township Road 875	Ashland	OH	44805	None.
4	Randy Raber, Thomas Perkowski and Eric Kimble, as Co-Trustees of the Red Hill Farm Trust dated December 30, 1987	Yes	1.000	4.174	0.943%	22-0000253.000	Madison	Guernsey	0.943%	0.943%	0.000%	0.000%	0.000%	0.000%	Attn: Randy Raber, Thomas Perkowski and Eric Kimble, as Co-Trustees 20699 Cadiz Road	Freeport	OH	43973	None.
5	Randy Raber, Thomas Perkowski and Eric Kimble, as Co-Trustees of the Red Hill Farm Trust dated December 30, 1987	Yes	1.000	32.806	7.411%	44-0000198.000	Wills	Guernsey	7.411%	7.411%	0.000%	0.000%	0.000%	0.000%	Attn: Randy Raber, Thomas Perkowski and Eric Kimble, as Co-Trustees 20699 Cadiz Road	Freeport	OH	43973	None.
6	Randy Raber, Thomas Perkowski and Eric Kimble, as Co-Trustees of the Red Hill Farm Trust dated December 30, 1987	Yes	1.000	6.749	1.525%	44-0000924.007	Wills	Guernsey	1.525%	1.525%	0.000%	0.000%	0.000%	0.000%	Attn: Randy Raber, Thomas Perkowski and Eric Kimble, as Co-Trustees 20699 Cadiz Road	Freeport	OH	43973	None.
7	Joe E. Hershberger and Delilah Hershberger, husband and wife, for their joint lives, remainder to the survivor of them	Yes	1.000	22.902	5.174%	44-0000924.004	Wills	Guernsey	5.174%	5.174%	0.000%	0.000%	0.000%	0.000%	c/o James R. Milleson 114 East Main St.	Freeport	OH	43973	Updated address.
8	Randy Raber, Thomas Perkowski and Eric Kimble, as Co-Trustees of the Red Hill Farm Trust dated December 30, 1987	Yes	1.000	0.540	0.122%	44-0000164.000	Wills	Guernsey	0.000%	0.000%	0.122%	0.000%	0.000%	0.000%	Attn: Randy Raber, Thomas Perkowski and Eric Kimble, as Co-Trustees 20699 Cadiz Road	Freeport	OH	43973	None.
9	Jacob E. Gingerich and Fannie E. Gingerich, husband and wife, for their joint lives, remainder to the survivor of them	Yes	0.750	1.653	0.373%	44-0000924.011	Wills	Guernsey	0.373%	0.373%	0.000%	0.000%	0.000%	0.000%	20705 Wadsworth Road	Salesville	OH	43778	None.
9	Eli J. Hershberger	Yes	0.250	0.551	0.124%	44-0000924.011	Wills	Guernsey	0.124%	0.124%	0.000%	0.000%	0.000%	0.000%	20760 Wadsworth Road	Salesville	OH	43778	None.
10	Joe E. Hershberger and Delilah Hershberger, husband and wife, for their joint lives, remainder to the survivor of them	Yes	1.000	4.417	0.998%	44-0000924.003	Wills	Guernsey	0.998%	0.998%	0.000%	0.000%	0.000%	0.000%	c/o James R. Milleson 114 East Main St.	Freeport	OH	43973	Updated address.
11	Jacob E. Gingerich and Fannie E. Gingerich, husband and wife, for their joint lives, remainder to the survivor of them	Yes	0.750	0.046	0.010%	44-0000924.002	Wills	Guernsey	0.010%	0.010%	0.000%	0.000%	0.000%	0.000%	20705 Wadsworth Road	Salesville	OH	43778	None.
11	Eli J. Hershberger	Yes	0.250	0.015	0.003%	44-0000924.002	Wills	Guernsey	0.003%	0.003%	0.000%	0.000%	0.000%	0.000%	20760 Wadsworth Road	Salesville	OH	43778	None.
12	Jacob E. Gingerich and Fannie E. Gingerich, husband and wife, for their joint lives, remainder to the survivor of them	Yes	0.750	9.008	2.035%	44-0000924.010	Wills	Guernsey	2.035%	2.035%	0.000%	0.000%	0.000%	0.000%	20705 Wadsworth Road	Salesville	OH	43778	None.
12	Eli J. Hershberger	Yes	0.250	3.003	0.678%	44-0000924.010	Wills	Guernsey	0.678%	0.678%	0.000%	0.000%	0.000%	0.000%	20760 Wadsworth Road	Salesville	OH	43778	None.
13	Jacob E. Gingerich and Fannie E. Gingerich, husband and wife, for their joint lives, remainder to the survivor of them	Yes	0.750	2.787	0.630%	44-0000924.001	Wills	Guernsey	0.630%	0.630%	0.000%	0.000%	0.000%	0.000%	20705 Wadsworth Road	Salesville	OH	43778	None.
13	Eli J. Hershberger	Yes	0.250	0.929	0.210%	44-0000924.001	Wills	Guernsey	0.210%	0.210%	0.000%	0.000%	0.000%	0.000%	20760 Wadsworth Road	Salesville	OH	43778	None.
14	Strategic Energy Income Fund III LP	Yes	0.225	0.351	0.079%	44-0000924.000	Wills	Guernsey	0.079%	0.079%	0.000%	0.000%	0.000%	0.000%	c/o U.S. Energy Development Corporation Attn: Todd Witmer, VP of Business Development 1521 Cooper Street Suite 400	Arlington	TX	76011	None.
14	Strategic Energy Income Fund IV LP	Yes	0.275	0.429	0.097%	44-0000924.000	Wills	Guernsey	0.097%	0.097%	0.000%	0.000%	0.000%	0.000%	c/o U.S. Energy Development Corporation Attn: Todd Witmer, VP of Business Development 1521 Cooper Street Suite 400	Arlington	TX	76011	None.
14	Vine Royalty L.P.	Yes	0.500	0.780	0.176%	44-0000924.000	Wills	Guernsey	0.176%	0.176%	0.000%	0.000%	0.000%	0.000%	Attn: Casey Harrison 307 West 7th Street Suite 300	Fort Worth	TX	76102	None.
15	Strategic Energy Income Fund III LP	Yes	0.225	0.169	0.038%	44-0000924.008	Wills	Guernsey	0.038%	0.038%	0.000%	0.000%	0.000%	0.000%	c/o U.S. Energy Development Corporation Attn: Todd Witmer, VP of Business Development 1521 Cooper Street Suite 400	Arlington	TX	76011	None.
15	Strategic Energy Income Fund IV LP	Yes	0.275	0.206	0.047%	44-0000924.008	Wills	Guernsey	0.047%	0.047%	0.000%	0.000%	0.000%	0.000%	c/o U.S. Energy Development Corporation Attn: Todd Witmer, VP of Business Development 1521 Cooper Street Suite 400	Arlington	TX	76011	None.
15	Vine Royalty L.P.	Yes	0.500	0.375	0.085%	44-0000924.008	Wills	Guernsey	0.085%	0.085%	0.000%	0.000%	0.000%	0.000%	Attn: Casey Harrison 307 West 7th Street Suite 300	Fort Worth	TX	76102	None.
16	Strategic Energy Income Fund III LP	Yes	0.225	2.125	0.480%	44-0000924.005	Wills	Guernsey	0.480%	0.480%	0.000%	0.000%	0.000%	0.000%	c/o U.S. Energy Development Corporation Attn: Todd Witmer, VP of Business Development 1521 Cooper Street Suite 400	Arlington	TX	76011	None.
16	Strategic Energy Income Fund IV LP	Yes	0.275	2.598	0.587%	44-0000924.005	Wills	Guernsey	0.587%	0.587%	0.000%	0.000%	0.000%	0.000%	c/o U.S. Energy Development Corporation Attn: Todd Witmer, VP of Business Development 1521 Cooper Street Suite 400	Arlington	TX	76011	None.

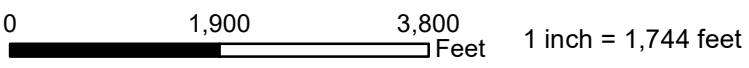
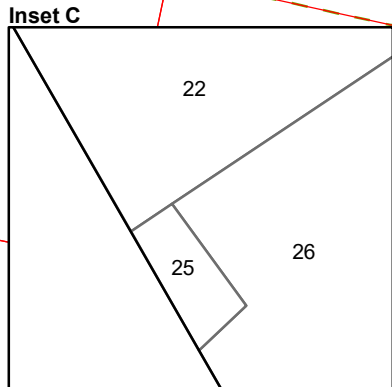
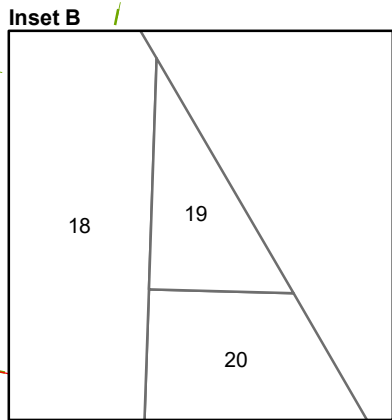
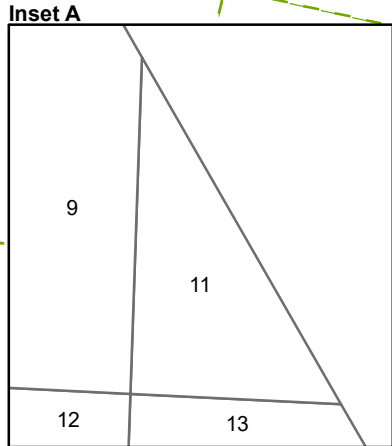
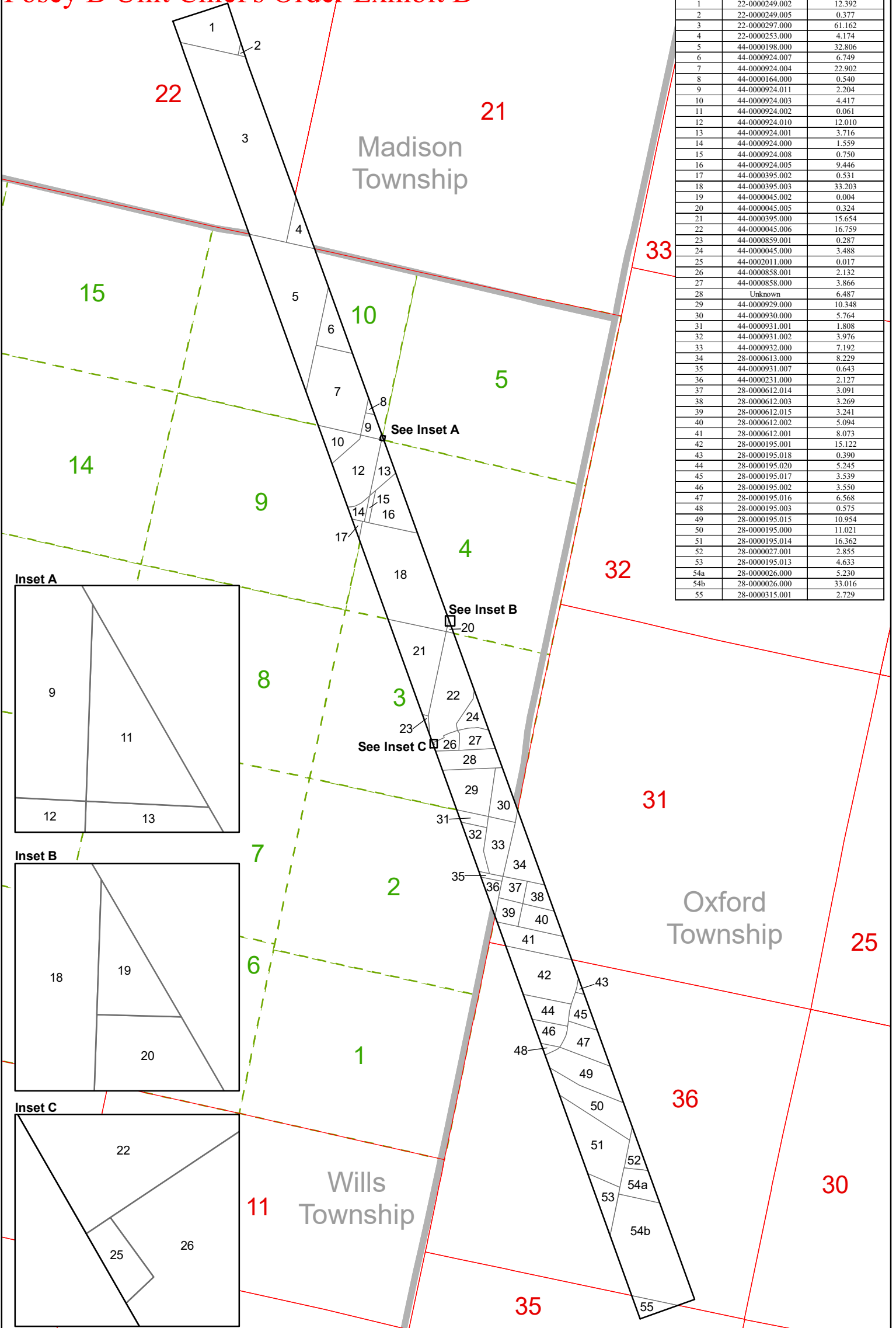
Exhibit A																			
All Mineral Owners in the proposed Posey B Unit.																			
Tract Number	Mineral Owner	Leased Yes or No	Decimal Interest in Tract	Surface Acres in Unit (Net)	Tract Participation in Unit (Net)	Tax Map Parcel ID	Township	County	Consenting Working Interest Percentage	Applicant Working Interest Percentage	RHDK Oil & Gas LLC Working Interest Percentage	OGM Partners, LLC Working Interest Percentage	Ascent Resources - Utica, LLC Working Interest Percentage	Roaring Fork Royalties, LLC Working Interest Percentage	Address	City	State	Zip	Changes
16	Vine Royalty LP.	Yes	0.500	4.723	1.067%	44-0000924.005	Wills	Guernsey	1.067%	1.067%	0.000%	0.000%	0.000%	0.000%	Attn: Casey Harrison 307 West 7th Street Suite 300	Fort Worth	TX	76102	None.
17	Bounty Minerals, LLC	Yes	1.000	0.531	0.120%	44-0000395.002	Wills	Guernsey	0.120%	0.120%	0.000%	0.000%	0.000%	0.000%	Attn: I. Jon Brumley 777 Main Street, Suite 3400	Fort Worth	TX	76102	None.
18	Bounty Minerals, LLC	Yes	1.000	33.203	7.501%	44-0000395.003	Wills	Guernsey	7.501%	7.501%	0.000%	0.000%	0.000%	0.000%	Attn: I. Jon Brumley 777 Main Street, Suite 3400	Fort Worth	TX	76102	None.
19	Jeffrey D. Mott and Shelley S. Mott, husband and wife, for their joint lives, remainder to the survivor of them	Yes	0.511	0.002	0.000%	44-0000045.002	Wills	Guernsey	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	1525 Wesley Avenue	Pasadena	CA	91104	None.
19	Bounty Minerals, LLC	Yes	0.444	0.002	0.000%	44-0000045.002	Wills	Guernsey	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Attn: I. Jon Brumley 777 Main Street, Suite 3400	Fort Worth	TX	76102	None.
19	ETC, Custodian FBO Mary Sandra Hea, Roth IRA	Yes	0.022	0.000	0.000%	44-0000045.002	Wills	Guernsey	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Attn: Katelyn Fisher, Corporate Alternate Signer, PO Box 451340	Westlake	OH	44145	None.
19	Kingdom Trust Company, Custodian FBO Scott W. Krusemark	Yes	0.011	0.000	0.000%	44-0000045.002	Wills	Guernsey	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Attn: Jennifer Jennings, Authorized Signer, 1105 State Route 121 North, Suite B	Murray	KY	42071	None.
19	The Entrust Group, Inc. FBO Janna Dorene Hull, Roth IRA	Yes	0.011	0.000	0.000%	44-0000045.002	Wills	Guernsey	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Attn: Gail Lieberman, Authorized Signer 555 12th Street, Suite 1250	Oakland	CA	94607	None.
20	Gingerich Spring Valley Farms, LLC	Yes	1.000	0.324	0.073%	44-0000045.005	Wills	Guernsey	0.073%	0.073%	0.000%	0.000%	0.000%	0.000%	Attn: John J. Gingerich, Member and Fannie Gingerich, Member 35 Gingerich Lane	Forest Hill	WV	24935	None.
21	Bounty Minerals, LLC	Yes	1.000	15.654	3.536%	44-0000395.000	Wills	Guernsey	3.536%	3.536%	0.000%	0.000%	0.000%	0.000%	Attn: I. Jon Brumley 777 Main Street, Suite 3400	Fort Worth	TX	76102	None.
22	Gingerich Spring Valley Farms, LLC	Yes	1.000	16.759	3.786%	44-0000045.006	Wills	Guernsey	3.786%	3.786%	0.000%	0.000%	0.000%	0.000%	Attn: John J. Gingerich, Member and Fannie Gingerich, Member 35 Gingerich Lane	Forest Hill	WV	24935	None.
23	Melisa A. Gibbons, unmarried	Yes	1.000	0.287	0.065%	44-0000859.001	Wills	Guernsey	0.000%	0.000%	0.000%	0.000%	0.000%	0.065%	20633 Bridgewater Road	Salesville	OH	43778	Updated lease status and added column for new non-consenting working interest owner.
24	Family G.R.A.C.E., LLC	Yes	1.000	3.488	0.788%	44-0000045.000	Wills	Guernsey	0.788%	0.788%	0.000%	0.000%	0.000%	0.000%	Attn: Samuel Hershberger, Member and Clara Hershberger, Member 20499 Bridgewater Road	Salesville	OH	43778	None.
25	State of Ohio - Department of Transportation	No	1.000	0.017	0.004%	44-0002011.000	Wills	Guernsey	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Attn: Tyler Prose c/o ODOT Office of Real Estate 1980 West Broad Street	Columbus	OH	43223	None.
26	Gingerich Spring Valley Farms, LLC	Yes	1.000	2.132	0.482%	44-0000858.001	Wills	Guernsey	0.482%	0.482%	0.000%	0.000%	0.000%	0.000%	Attn: John J. Gingerich, Member and Fannie Gingerich, Member 35 Gingerich Lane	Forest Hill	WV	24935	None.
27	Family G.R.A.C.E., LLC	Yes	1.000	3.866	0.873%	44-0000858.000	Wills	Guernsey	0.873%	0.873%	0.000%	0.000%	0.000%	0.000%	Attn: Samuel Hershberger, Member and Clara Hershberger, Member 20499 Bridgewater Road	Salesville	OH	43778	None.
28	State of Ohio - Department of Transportation	No	1.000	6.487	1.465%	Unknown	Wills	Guernsey	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Attn: Tyler Prose c/o ODOT Office of Real Estate	Columbus	OH	43223	None.
29	Harley L. Bates and Janice A. Bates, Trustees of the Whodowe Trust dated 4/16/2019	Yes	1.000	10.348	2.338%	44-0000929.000	Wills	Guernsey	0.000%	0.000%	0.000%	2.338%	0.000%	0.000%	20487 Johns Lane	Salesville	OH	43778	None.
30	Betty Lou Armstrong	Yes	0.208	1.201	0.271%	44-0000930.000	Wills	Guernsey	0.271%	0.271%	0.000%	0.000%	0.000%	0.000%	20987 Johns Lane	Salesville	OH	43778	None.
30	Kenneth B. Armstrong, a/k/a Kenith B. Armstrong	Yes	0.208	1.201	0.271%	44-0000930.000	Wills	Guernsey	0.271%	0.271%	0.000%	0.000%	0.000%	0.000%	3413 West 54th Street	Cleveland	OH	44102	None.
30	Susan G. Wallace	Yes	0.208	1.201	0.271%	44-0000930.000	Wills	Guernsey	0.271%	0.271%	0.000%	0.000%	0.000%	0.000%	65363 Rosedale Road	Salesville	OH	43778	None.
30	Rita J. Mitchell	Yes	0.208	1.201	0.271%	44-0000930.000	Wills	Guernsey	0.271%	0.271%	0.000%	0.000%	0.000%	0.000%	57667 Soggy Run Road	Senecaville	OH	43780	None.
30	James C. Armstrong, Jr.	Yes	0.042	0.240	0.054%	44-0000930.000	Wills	Guernsey	0.054%	0.054%	0.000%	0.000%	0.000%	0.000%	2411 Larchmont Drive	Wickliffe	OH	44092	None.
30	Jason Armstrong	Yes	0.042	0.240	0.054%	44-0000930.000	Wills	Guernsey	0.054%	0.054%	0.000%	0.000%	0.000%	0.000%	463 Elkwood Drive	Corapolis	PA	15108	None.
30	Brandy Armstrong	Yes	0.042	0.240	0.054%	44-0000930.000	Wills	Guernsey	0.054%	0.054%	0.000%	0.000%	0.000%	0.000%	3130 West 38th Street	Cleveland	OH	44109	None.
30	Amy Armstrong	Yes	0.042	0.240	0.054%	44-0000930.000	Wills	Guernsey	0.054%	0.054%	0.000%	0.000%	0.000%	0.000%	221 Gunther Street	Bellevue	OH	44811	None.
31	Harley L. Bates and Janice A. Bates, Trustees of the Whodowe Trust dated 4/16/2019	Yes	1.000	1.808	0.408%	44-0000931.001	Wills	Guernsey	0.000%	0.000%	0.000%	0.408%	0.000%	0.000%	20487 Johns Lane	Salesville	OH	43778	None.
32	Kathy R. Myers, Trustee of the Kathy R. Myers Living Trust dated November 14, 2014	Yes	0.500	1.988	0.449%	44-0000931.002	Wills	Guernsey	0.449%	0.449%	0.000%	0.000%	0.000%	0.000%	1111 42nd Avenue East	Ellenton	FL	34222	None.
32	Alan L. Burnett	Yes	0.500	1.988	0.449%	44-0000931.002	Wills	Guernsey	0.449%	0.449%	0.000%	0.000%	0.000%	0.000%	319 North 11th Street	Cambridge	OH	43725	None.
33	Betty Lou Armstrong	Yes	0.208	1.498	0.338%	44-0000932.000	Wills	Guernsey	0.338%	0.338%	0.000%	0.000%	0.000%	0.000%	20987 Johns Lane	Salesville	OH	43778	None.
33	Kenneth B. Armstrong, a/k/a Kenith B. Armstrong	Yes	0.208	1.498	0.338%	44-0000932.000	Wills	Guernsey	0.338%	0.338%	0.000%	0.000%	0.000%	0.000%	3413 West 54th Street	Cleveland	OH	44102	None.
33	Susan G. Wallace	Yes	0.208	1.498	0.338%	44-0000932.000	Wills	Guernsey	0.338%	0.338%	0.000%	0.000%	0.000%	0.000%	65363 Rosedale Road	Salesville	OH	43778	None.
33	Rita J. Mitchell	Yes	0.208	1.498	0.338%	44-0000932.000	Wills	Guernsey	0.338%	0.338%	0.000%	0.000%	0.000%	0.000%	57667 Soggy Run Road	Senecaville	OH	43780	None.
33	James C. Armstrong, Jr.	Yes	0.042	0.300	0.068%	44-0000932.000	Wills	Guernsey	0.068%	0.068%	0.000%	0.000%	0.000%	0.000%	2411 Larchmont Drive	Wickliffe	OH	44092	None.
33	Jason Armstrong	Yes	0.042	0.300	0.068%	44-0000932.000	Wills	Guernsey	0.068%	0.068%	0.000%	0.000%	0.000%	0.000%	463 Elkwood Drive	Corapolis	PA	15108	None.
33	Brandy Armstrong	Yes	0.042	0.300	0.068%	44-0000932.000	Wills	Guernsey	0.068%	0.068%	0.000%	0.000%	0.000%	0.000%	3130 West 38th Street	Cleveland	OH	44109	None.
33	Amy Armstrong	Yes	0.042	0.300	0.068%	44-0000932.000	Wills	Guernsey	0.068%	0.068%	0.000%	0.000%	0.000%	0.000%	221 Gunther Street	Bellevue	OH	44811	None.
34	Betty Lou Armstrong	Yes	0.208	1.714	0.387%	28-0000613.000	Wills	Guernsey	0.387%	0.387%	0.000%	0.000%	0.000%	0.000%	20987 Johns Lane	Salesville	OH	43778	None.
34	Kenneth B. Armstrong, a/k/a Kenith B. Armstrong	Yes	0.208	1.714	0.387%	28-0000613.000	Wills	Guernsey	0.387%	0.387%	0.000%	0.000%	0.000%	0.000%	3413 West 54th Street	Cleveland	OH	44102	None.
34	Susan G. Wallace	Yes	0.208	1.714	0.387%	28-0000613.000	Wills	Guernsey	0.387%	0.387%	0.000%	0.000%	0.000%	0.000%	65363 Rosedale Road	Salesville	OH	43778	None.
34	Rita J. Mitchell	Yes	0.208	1.714	0.387%	28-0000613.000	Wills	Guernsey	0.387%	0.387%	0.000%	0.000%	0.000%	0.000%	57667 Soggy Run Road	Senecaville	OH	43780	None.
34	Brandy Armstrong	Yes	0.042	0.343	0.077%	28-0000613.000	Oxford	Guernsey	0.077%	0.077%	0.000%	0.000%	0.000%	0.000%	3130 West 38th Street	Cleveland	OH	44109	None.
34	Jason Armstrong	Yes	0.042	0.343	0.077%	28-0000613.000	Oxford	Guernsey	0.077%	0.077%	0.000%	0.000%	0.000%	0.000%	463 Elkwood Drive	Corapolis	PA	15108	None.
34	Amy Armstrong	Yes	0.042	0.343	0.077%	28-0000613.000	Oxford	Guernsey	0.077%	0.077%	0.000%	0.000%	0.000%	0.000%	221 Gunther Street	Bellevue	OH	44811	None.
34	James C. Armstrong, Jr.	Yes	0.042	0.343	0.077%	28-0000613.000	Oxford	Guernsey	0.077%	0.077%	0.000%	0.000%	0.000%	0.000%	2411 Larchmont Drive	Wickliffe	OH	44092	None.
35	Jay Wesley McCulloch	Yes	1.000	0.643	0.145%	44-0000931.007	Wills	Guernsey	0.145%	0.145%	0.000%	0.000%	0.000%	0.000%	20995 Johns Lane	Salesville	OH	43778	None.
36	Jay Wesley McCulloch	Yes	1.000	2.127	0.481%	44-0000231.000	Wills	Guernsey	0.481%	0.481%	0.000%	0.000%	0.000%	0.000%	20995 Johns Lane	Salesville	OH	43778	None.

Exhibit A

All Mineral Owners in the proposed Posey B Unit.

Tract Number	Mineral Owner	Leased Yes or No	Decimal Interest in Tract	Surface Acres in Unit (Net)	Tract Participation in Unit (Net)	Tax Map Parcel ID	Township	County	Consenting Working Interest Percentage	Applicant Working Interest Percentage	RHDK Oil & Gas LLC Working Interest Percentage	OGM Partners, LLC Working Interest Percentage	Ascent Resources - Utica, LLC Working Interest Percentage	Roaring Fork Royalties, LLC Working Interest Percentage	Address	City	State	Zip	Changes	
37	Jay Wesley McCulloch	Yes	1.000	3.091	0.698%	28-0000612.014	Oxford	Guernsey	0.698%	0.698%	0.000%	0.000%	0.000%	0.000%	20995 Johns Lane	Salesville	OH	43778	None.	
38	Allen D. Scarbrough and Marilyn I. Scarbrough, husband and wife, for their joint lives and the remainder to the survivor of them	Yes	1.000	3.269	0.738%	28-0000612.003	Oxford	Guernsey	0.738%	0.738%	0.000%	0.000%	0.000%	0.000%	3315 W Streetsboro Road	Richfield	OH	44286	None.	
39	Jay Wesley McCulloch	Yes	1.000	3.241	0.732%	28-0000612.015	Oxford	Guernsey	0.732%	0.732%	0.000%	0.000%	0.000%	0.000%	20995 Johns Lane	Salesville	OH	43778	None.	
40	Shelley A. Sedar	Yes	1.000	5.094	1.151%	28-0000612.002	Oxford	Guernsey	1.151%	1.151%	0.000%	0.000%	0.000%	0.000%	184 Burton Street	Avon Lake	OH	44012	None.	
41	Paul R. Grattan and Shelly L. Grattan, husband and wife, as survivorship tenants	Yes	1.000	8.073	1.824%	28-0000612.001	Oxford	Guernsey	1.824%	1.824%	0.000%	0.000%	0.000%	0.000%	849 Robinwood Ave	Sheffield Lake	OH	44054	None.	
42	Shelley A. Sedar, survivorship tenant	Yes	1.000	15.122	3.416%	28-0000195.001	Oxford	Guernsey	3.416%	3.416%	0.000%	0.000%	0.000%	0.000%	0.000%	184 Burton Street	Avon Lake	OH	44012	None.
	Christopher Nehls, survivorship tenant.	Yes													0.000%	64841 Rosedale Road	Salesville	OH	43778	None.
	Kenneth D. Nehls, survivorship tenant	Yes													0.000%	3426 Dawn Circle	North Olmstead	OH	44070	None.
43	LL&B Headwater II, LP	Yes	1.000	0.390	0.088%	28-0000195.018	Oxford	Guernsey	0.088%	0.088%	0.000%	0.000%	0.000%	0.000%	Attn: Gordon Deen 11412 Bee Cave Road, Suite 301	Austin	TX	78738	None.	
44	Kenneth D. Nehls	Yes	0.500	2.623	0.592%	28-0000195.020	Oxford	Guernsey	0.592%	0.592%	0.000%	0.000%	0.000%	0.000%	3426 Dawn Circle	North Olmstead	OH	44070	None.	
44	Miranda Herzog	Yes	0.500	2.623	0.592%	28-0000195.020	Oxford	Guernsey	0.592%	0.592%	0.000%	0.000%	0.000%	0.000%	38457 Rain Tree Circle	North Ridgeville	OH	44039	None.	
45	LL&B Headwater II, LP	Yes	1.000	3.539	0.799%	28-0000195.017	Oxford	Guernsey	0.799%	0.799%	0.000%	0.000%	0.000%	0.000%	Attn: Gordon Deen 11412 Bee Cave Road, Suite 301	Austin	TX	78738	None.	
46	Paul R. Grattan and Shelly L. Grattan, husband and wife, as survivorship tenants	Yes	1.000	3.550	0.802%	28-0000195.002	Oxford	Guernsey	0.802%	0.802%	0.000%	0.000%	0.000%	0.000%	849 Robinwood Ave	Sheffield Lake	OH	44054	None.	
47	Appalachian Resources, LLC	Yes	1.000	6.568	1.484%	28-0000195.016	Oxford	Guernsey	1.484%	1.484%	0.000%	0.000%	0.000%	0.000%	Attn: Alan L. Miller 12144 Township Road 256	Glenmont	OH	44628	None.	
48	GA Forestry, LLC	Yes	1.000	0.575	0.130%	28-0000195.003	Oxford	Guernsey	0.130%	0.130%	0.000%	0.000%	0.000%	0.000%	Attn: Alvin Weaver 4247 US 62	Millersburg	OH	44654	None.	
49	Appalachian Resources, LLC	Yes	1.000	10.954	2.475%	28-0000195.015	Oxford	Guernsey	2.475%	2.475%	0.000%	0.000%	0.000%	0.000%	Attn: Alan L. Miller 12144 Township Road 256	Glenmont	OH	44628	None.	
50	Allen D. Miller and Rachel L. Miller, husband and wife, for their joint lives, remainder to the survivor of them	Yes	0.500	5.511	1.245%	28-0000195.000	Oxford	Guernsey	1.245%	1.245%	0.000%	0.000%	0.000%	0.000%	64580 Rosedale Road	Salesville	OH	43778	None.	
50	Cornerstone Creek, LLC	Yes	0.500	5.511	1.245%	28-0000195.000	Oxford	Guernsey	1.245%	1.245%	0.000%	0.000%	0.000%	0.000%	Attn: Don P. Conkle, President 2307 Two Harbors Glen	Katy	TX	77494	None.	
51	Robert H. Weaver and Amanda C. Weaver, husband and wife, for their joint lives, remainder to the survivor of them	Yes	0.540	8.835	1.996%	28-0000195.014	Oxford	Guernsey	1.996%	1.996%	0.000%	0.000%	0.000%	0.000%	1910 US 62	Dundee	OH	44624	None.	
51	Carl Pozza	Yes	0.460	7.527	1.700%	28-0000195.014	Oxford	Guernsey	1.700%	1.700%	0.000%	0.000%	0.000%	0.000%	64423 Carlisle Road	Salesville	OH	43778	None.	
52	Oakley Minerals, LLC	Yes	1.000	2.855	0.645%	28-0000027.001	Oxford	Guernsey	0.645%	0.645%	0.000%	0.000%	0.000%	0.000%	Attn: Robert and Jennifer Oakley 64753 Lydick Road	Quaker City	OH	43773	None.	
53	Mark S. McCaman, single	Yes	1.000	4.633	1.047%	28-0000195.013	Oxford	Guernsey	1.047%	1.047%	0.000%	0.000%	0.000%	0.000%	322 N. Seneca Street	Rittman	OH	44270	None.	
54a	Gary E. Frame	Yes	1.000	5.230	1.181%	28-0000026.000	Oxford	Guernsey	1.181%	1.181%	0.000%	0.000%	0.000%	0.000%	64202 Lydick Road	Quaker City	OH	43773	None.	
54b	Gary E. Frame	Yes	1.000	33.016	7.459%	28-0000026.000	Oxford	Guernsey	7.459%	7.459%	0.000%	0.000%	0.000%	0.000%	64202 Lydick Road	Quaker City	OH	43773	None.	
55	Daniel A. Hershberger and Malinda Hershberger, husband and wife, as survivorship tenants	Yes	1.000	2.729	0.616%	28-0000315.001	Oxford	Guernsey	0.616%	0.616%	0.000%	0.000%	0.000%	0.000%	21915 Oxford Road	Quaker City	OH	43773	None.	
			Total Unit Acres:	442.661	100.000%				Total:	94.155%	92.713%	1.564%	2.746%	1.442%	0.065%					
			Total Leased Acres:	416.789																

Posey B Unit Chief's Order Exhibit B



- Contract Area
- Tax Parcels
- Section Lines
- Township Lines
- Military Lots

Posey B Unit

Exhibit A-1

Contract Area: 442.661 Acres
Madison-Wills-Oxford Townships, Guernsey County

Date: 1/11/2023