



Ohio Department of Natural Resources

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Division of Oil and Gas Resources Management
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ORDER BY THE CHIEF

February 1, 2022

ORDER NO. 2022-23

**TO: Ascent Resources - Utica, LLC
3501 NW 63rd Street
Oklahoma City, OK 73116**

**RE: Application for Unitization
Sadler E SHC HR Unit
Harrison County, Ohio**

**SUBJECT: Order for Unit Operations of the Utica shale and Point Pleasant Formation
for the Sadler E SHC HR 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 Ascent Resources - Utica, LLC’s (“Ascent”) Application for Unit Operations for the Sadler E SHC HR 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 Ascent Resources - Utica, LLC for Unit Operation of the Sadler E SHC HR Unit dated October 1, 2021, consisting of a minimum of a Unit Agreement, Model Form Operating Agreement, relevant exhibits, and pre-filed testimony from a geologist, a reservoir engineer, and a landman, 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 Ascent include those listed on Exhibit A.
- 7) "Consenting working interest owner" means any working interest owner who enters into an agreement with Ascent pertaining to the operation of the Sadler E SHC HR Unit.
- 8) "Non-consenting working interest owner" means a working interest owner who does not enter into an agreement with Ascent pertaining to the operation of the Sadler E SHC HR Unit. At the time of this order, there are no non-consenting working interest owners identified by Ascent.
- 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 B totaling 305.710 acres located in Short Creek Township, in Harrison County, Ohio as shown in Exhibit C.
- 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) Ascent 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 December 8, 2021 in Columbus, Ohio at the Ohio Department of Natural Resources ("ODNR"). The hearing was held to consider the need for the operation as a unit of an entire pool or part thereof. Ascent 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 50 feet above the top of the Utica shale to 50 feet below the base of the Point Pleasant Formation.

FINDINGS:

- 1) Based on the application and testimony by Ascent's representatives, the Chief finds that Ascent 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 Sadler E SHC HR Unit as required by R.C. § 1509.28(A).
- 2) Based on the application and testimony by Ascent's representatives, the Chief finds that the operation of the Sadler E SHC HR Unit is reasonably necessary to increase substantially the ultimate recovery of oil and gas.
- 3) Based on the application and testimony by Ascent's representatives, the Chief finds the value of the estimated additional recovery of oil or gas from the Sadler E SHC HR Unit exceeds the estimated additional cost incident to conducting the operation of the Sadler E SHC HR Unit.

ORDER:

IT IS HEREBY ORDERED:

Pursuant to R.C. § 1509.28, Ascent is authorized to conduct operations within the Sadler E SHC HR Unit in accordance with all of the following:

Plan for Unit Operations

- 1) The unit area is comprised of the tracts totaling 305.710 acres in Short Creek Township, in Harrison County, Ohio, as shown on Exhibit C.

- 2) Ascent proposes to drill one well in the Sadler E SHC HR Unit for the purpose of recovering oil and gas. Ascent 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 Ascent 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, Ascent shall produce from one well no later than two years after the date of approval of this order. If Ascent 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) Evidence introduced by Ascent at the Sadler E SHC HR Unit hearing 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 Sadler E SHC HR 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 Ascent and the working interest owners.
- 5) All unit operation expenses, including capital investment, shall be charged to, and paid by, Ascent 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, Ascent 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. Ascent 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 Ascent's Unit Agreement and Model Form Operating Agreement for the Sadler E SHC HR 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) Ascent 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 Ascent's Unit Agreement and Model Form Operating Agreement for the Sadler E SHC HR 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 Sadler E SHC HR 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 Sadler E SHC HR 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, Ascent shall provide written notice of the termination to the Division and to all unleased mineral owners. In addition to the notice of termination, Ascent 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 Sadler E SHC HR 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 Sadler E SHC HR 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 Sadler E SHC HR 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. Ascent 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 Ascent recovers 200% of the cost of drilling, testing, and completing the initial well, Ascent shall begin making the monthly payments to the unleased mineral owners for that well. For each additional well drilled in the unit area, Ascent 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 Ascent 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. Ascent 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, Ascent 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 Ascent; and
 - iii. A statement of all costs and expenses for purposes of Paragraphs 6 and 9(d) of this order.
- h) Ascent shall notify the Division of the assignment or transfer of any of its working interest in the Sadler E SHC HR Unit. If Ascent 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, Ascent shall file a copy of the notice with the Harrison County (Ohio) Recorder's Office, in the records of each of the tracts that are subject to this order and referenced in Exhibit C of this order. Ascent shall submit a certification of the filing to the Division within 14 days of filing.
- i) Ascent shall notify the Division within 30 days if a person that is leased by Ascent, or any other consenting working interest owner, for purposes of operating the Sadler E SHC HR 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) Ascent shall notify the Division if any consenting working interest owner revokes, rescinds, or otherwise terminates the agreement with Ascent pertaining to the operation of the Sadler E SHC HR Unit. If a consenting working interest owner revokes, rescinds, or otherwise terminates the agreement with Ascent, the working interest owner becomes a non-consenting working interest owner pursuant to this order. Ascent also shall notify the Division if any consenting working interest owner assigns or transfers all or part of its working interest in the Sadler E SHC HR Unit. All such assignees or transferees are subject to this order.
 - k) Ascent shall notify the Division if any non-consenting working interest owner enters into an agreement with Ascent pertaining to the operation of the Sadler E SHC HR Unit. If a non-consenting working interest owner enters into an agreement with Ascent, the non-consenting working interest owner becomes a consenting working interest owner pursuant to this order.
 - l) If at any point Ascent 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 Ascent provides the Chief with final written approval of the unit operations as prescribed in this order by Ascent 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 Ascent fails to provide all required approvals by August 1, 2022, the order is revoked, and the Chief shall provide notice of the revocation to Ascent and to all persons listed in Exhibit B 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, Ascent shall file a copy of this order with the Harrison County (Ohio) Recorder's Office, in the records of each of the tracts that are subject to this order and referenced in Exhibit C of this order. Ascent 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 Sadler E SHC HR 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 this Chief's Order and Ascent's Unit Agreement and Model Form Operating Agreement attached to the application, this Chief's Order takes precedence.

February 1, 2022

Date

/s/ *Eric Vendel*

Eric Vendel, Chief

Division of Oil and Gas Resources Management

Addressee is hereby notified that this action is final and effective 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
Exhibit C

Exhibit A

Unleased Mineral Owners

Tract Number	Lease ID Number (optional)	Unleased Mineral Owner	Leased Yes or No	Decimal Interest in Tract	Surface Acres in Unit	Tract Participation in Unit	Tax Map Parcel ID	Tract Surface Use	Township	County	Address	City	State	Zip
5a	UNLEASED	Unknown Heirs of Craig Warren, deceased	No	0.500000	5.9975	1.961827%	26-0000168.001	Agricultural	Short Creek	Harrison	Unknown	Unknown	Unknown	Unknown
				Total Unit Acres:	305.7100	1.961827%								
				Total Unleased Acres:	5.9975									

Exhibit B

Tract Number	Lease ID Number (optional)	Mineral Owner	Leased Yes or No	Decimal Interest in Tract	Surface Acres in Unit	Tract Participation in Unit	Tax Map Parcel ID	Township	County	Committed Working Interest Percentage	Applicant Working Interest Percentage	RIVERBEND OIL & GAS VI-B, LLC Working Interest Percentage	EAP Ohio, LLC Working Interest Percentage	Address	City	State	Zip
1	EAP	EAP Ohio, LLC, ATTN: Cullen D. Amend, Vice President	Yes	1.000000	7.2540	2.372837%	26-0000032.002	Short Creek	Harrison	2.372837%	0.000000%	0.593209%	1.779628%	5847 San Felipe Street Suite 400	Houston	TX	77057
		RJR Resources LLC (NPRI Only)* ATTN: Ron Broadway, Manager												5080 Spectrum Dr Ste. 510E	Addison	TX	75001
		Windhaven Interests LLC (NPRI Only)* ATTN: John Calce, President												5601 Preakness Lane	Plano	TX	75093
		Blackhawk Minerals LLC (NPRI Only)* ATTN: Ron Broadway, Sole Member												5080 Spectrum Dr Ste. 510E	Addison	TX	75001
2	EAP	EAP Ohio, LLC, ATTN: Cullen D. Amend, Vice President	Yes	1.000000	41.6290	13.617154%	26-0000140.005	Short Creek	Harrison	13.617154%	0.000000%	3.404288%	10.212865%	5847 San Felipe Street Suite 400	Houston	TX	77057
		RJR Resources LLC (NPRI Only)* ATTN: Ron Broadway, Manager												5080 Spectrum Dr Ste. 510E	Addison	TX	75001
		Windhaven Interests LLC (NPRI Only)* ATTN: John Calce, President												5601 Preakness Lane	Plano	TX	75093
		Blackhawk Minerals LLC (NPRI Only)* ATTN: Ron Broadway, Sole Member												5080 Spectrum Dr Ste. 510E	Addison	TX	75001
3	EAP	EAP Ohio, LLC, ATTN: Cullen D. Amend, Vice President	Yes	1.000000	0.3820	0.124955%	26-0000140.003	Short Creek	Harrison	0.124955%	0.000000%	0.031239%	0.093716%	5847 San Felipe Street Suite 400	Houston	TX	77057
		RJR Resources LLC (NPRI Only)* ATTN: Ron Broadway, Manager	Yes											5080 Spectrum Dr Ste. 510E	Addison	TX	75001
		Windhaven Interests LLC (NPRI Only)* ATTN: John Calce, President	Yes											5601 Preakness Lane	Plano	TX	75093
		Blackhawk Minerals LLC (NPRI Only)* ATTN: Ron Broadway, Sole Member	Yes											5080 Spectrum Dr Ste. 510E	Addison	TX	75001
4	EAP	EAP Ohio, LLC, ATTN: Cullen D. Amend, Vice President	Yes	1.000000	18.8410	6.163030%	26-0000140.004	Short Creek	Harrison	6.163030%	0.000000%	1.540758%	4.622273%	5847 San Felipe Street Suite 400	Houston	TX	77057
		RJR Resources LLC (NPRI Only)* ATTN: Ron Broadway, Manager												5080 Spectrum Dr Ste. 510E	Addison	TX	75001
		Windhaven Interests LLC (NPRI Only)* ATTN: John Calce, President												5601 Preakness Lane	Plano	TX	75093
		Blackhawk Minerals LLC (NPRI Only)* ATTN: Ron Broadway, Sole Member												5080 Spectrum Dr Ste. 510E	Addison	TX	75001
5a	UTC027966001	Duane W. Ramsey	Yes	0.250000	2.9988	0.980913%	26-0000168.001	Short Creek	Harrison	0.980913%	0.980913%	0.000000%	0.000000%	1188 Twp. Rd. 264	Bloomington	OH	43910
5a	UTC027965001	Ronald L. Ramsey	Yes	0.138889	1.6660	0.544952%	26-0000168.001	Short Creek	Harrison	0.544952%	0.544952%	0.000000%	0.000000%	48572 Annapolis Rd.	Hopedale	OH	43976
5a	UTC027964001	Benjamin L. Ramsey	Yes	0.055556	0.6664	0.217982%	26-0000168.001	Short Creek	Harrison	0.217982%	0.217982%	0.000000%	0.000000%	7216 County Road 56	Toronto	OH	43964
5a	UTC027847001	Chad R. Ramsey	Yes	0.055556	0.6664	0.217979%	26-0000168.001	Short Creek	Harrison	0.217979%	0.217979%	0.000000%	0.000000%	19 Cooper Lane	Toronto	OH	43964
5a	UNLEASED	Unknown Heirs of Craig Warren, deceased	No	0.500000	5.9975	1.961827%	26-0000168.001	Short Creek	Harrison	0.000000%	0.000000%	0.000000%	0.000000%	Unknown	Unknown	Unknown	Unknown
5b	UTC018088002	Thomas Mark Beetham and Vickie K. Beetham, his wife	Yes	0.250000	1.4610	0.477904%	26-0000168.001	Short Creek	Harrison	0.477904%	0.477904%	0.000000%	0.000000%	210 West Market St.	Cadiz	OH	43907
5b	UTC018088003	Gwendolyn Ann Beetham	Yes	0.250000	1.4610	0.477904%	26-0000168.001	Short Creek	Harrison	0.477904%	0.477904%	0.000000%	0.000000%	2310 Pine Street Apt. 204	Philadelphia	PA	19103
5b	UTC018088001	Thomas Owen Beetham	Yes	0.250000	1.4610	0.477904%	26-0000168.001	Short Creek	Harrison	0.477904%	0.477904%	0.000000%	0.000000%	441 Lincoln Ave.	Cadiz	OH	43907
5b	UTC018088004	Morgan De Beetham	Yes	0.250000	1.4610	0.477904%	26-0000168.001	Short Creek	Harrison	0.477904%	0.477904%	0.000000%	0.000000%	656 Metropolitan Ave. Front 1	Brooklyn	NY	11211
6	EAP	EAP Ohio, LLC, ATTN: Cullen D. Amend, Vice President	Yes	1.000000	1.5500	0.507016%	26-0000140.002	Short Creek	Harrison	0.507016%	0.000000%	0.126754%	0.380262%	5847 San Felipe Street Suite 400	Houston	TX	77057
		RJR Resources LLC (NPRI Only)* ATTN: Ron Broadway, Manager												5080 Spectrum Dr Ste. 510E	Addison	TX	75001
		Windhaven Interests LLC (NPRI Only)* ATTN: John Calce, President												5601 Preakness Lane	Plano	TX	75093
		Blackhawk Minerals LLC (NPRI Only)* ATTN: Ron Broadway, Sole Member												5080 Spectrum Dr Ste. 510E	Addison	TX	75001
7	UTC018088002	Thomas Mark Beetham and wife, Vickie K. Beetham, as survivorship tenants	Yes	0.250000	13.3120	4.354454%	26-0000169.001	Short Creek	Harrison	4.354454%	4.354454%	0.000000%	0.000000%	210 West Market St.	Cadiz	OH	43907
7	UTC018088003	Gwendolyn Ann Beetham	Yes	0.250000	13.3120	4.354454%	26-0000169.001	Short Creek	Harrison	4.354454%	4.354454%	0.000000%	0.000000%	2310 Pine Street Apt. 204	Philadelphia	PA	19103
7	UTC018088001	Thomas Owen Beetham	Yes	0.250000	13.3120	4.354454%	26-0000169.001	Short Creek	Harrison	4.354454%	4.354454%	0.000000%	0.000000%	441 Lincoln Ave.	Cadiz	OH	43907
7	UTC018088004	Morgan De Beetham	Yes	0.250000	13.3120	4.354454%	26-0000169.001	Short Creek	Harrison	4.354454%	4.354454%	0.000000%	0.000000%	656 Metropolitan Ave. Front 1	Brooklyn	NY	11211

8	UTC015407000	Bruce A. Oszust	Yes	0.333334	0.5203	0.170205%	26-0000396.000	Short Creek	Harrison	0.170205%	0.170205%	0.000000%	0.000000%	77300 Branson Rd.	Cadiz	OH	43907
8	UTC015407000	Bonnie Snider	Yes	0.333333	0.5203	0.170205%	26-0000396.000	Short Creek	Harrison	0.170205%	0.170205%	0.000000%	0.000000%	77300 Branson Rd.	Cadiz	OH	43907
8	UTC015407000	Gayle Blake (Life Estate) Jody Stromsky (Remainder)	Yes	0.333333	0.5203	0.170205%	26-0000396.000	Short Creek	Harrison	0.170205%	0.170205%	0.000000%	0.000000%	100 Woodland Ave. 47610 Foxes Bottom Rd	Cadiz	OH	43907
9	UTC015407000	Bruce A. Oszust	Yes	0.333334	0.0057	0.001854%	26-0000395.000	Short Creek	Harrison	0.001854%	0.001854%	0.000000%	0.000000%	77300 Branson Rd.	Cadiz	OH	43907
9	UTC015407000	Bonnie Snider	Yes	0.333333	0.0057	0.001854%	26-0000395.000	Short Creek	Harrison	0.001854%	0.001854%	0.000000%	0.000000%	77300 Branson Rd.	Cadiz	OH	43907
9	UTC015407000	Gayle Blake (Life Estate) Jody Stromsky (Remainder)	Yes	0.333333	0.0057	0.001854%	26-0000395.000	Short Creek	Harrison	0.001854%	0.001854%	0.000000%	0.000000%	100 Woodland Ave. 47610 Foxes Bottom Rd	Cadiz	OH	43907
10	UTC018107002	The Dunlap Family Trust Agreement ATTN: Dwight C. Dunlap, Trustee	Yes	0.333333	0.0730	0.023879%	26-0000217.000	Short Creek	Harrison	0.023879%	0.023879%	0.000000%	0.000000%	6851 Via Florenza Dr.	Galena	OH	43021
10	UTC018107001	Dunlap Land Company, LLC ATTN: David C. Dunlap, President	Yes	0.222222	0.0487	0.015919%	26-0000217.000	Short Creek	Harrison	0.015919%	0.015919%	0.000000%	0.000000%	1252 Orchard Park Road	Lexington	OH	44904
10	UTC018107003	Charles R. Dunlap	Yes	0.166667	0.0365	0.011939%	26-0000217.000	Short Creek	Harrison	0.011939%	0.011939%	0.000000%	0.000000%	801 East Market Street	Cadiz	OH	43907
10	UTC018107004	Estate of Anne E. Barrett ATTN: David Barrett, Executor	Yes	0.166667	0.0365	0.011939%	26-0000217.000	Short Creek	Harrison	0.011939%	0.011939%	0.000000%	0.000000%	26 Ironclad Drive	Columbus	OH	43213
10	UTC029202001	Mary Ann Dunlap	Yes	0.111111	0.0243	0.007960%	26-0000217.000	Short Creek	Harrison	0.007960%	0.007960%	0.000000%	0.000000%	5764 Sabal Trace Dr. Unit 102	North Port	FL	34287
11	UTC018107002	The Dunlap Family Trust Agreement ATTN: Dwight C. Dunlap, Trustee	Yes	0.333333	2.0183	0.660211%	26-0000214.000	Short Creek	Harrison	0.660211%	0.660211%	0.000000%	0.000000%	6851 Via Florenza Dr.	Galena	OH	43021
11	UTC018107001	Dunlap Land Company, LLC ATTN: David C. Dunlap, President	Yes	0.222222	1.3456	0.440141%	26-0000214.000	Short Creek	Harrison	0.440141%	0.440141%	0.000000%	0.000000%	1252 Orchard Park Road	Lexington	OH	44904
11	UTC018107003	Charles R. Dunlap	Yes	0.166667	1.0092	0.330107%	26-0000214.000	Short Creek	Harrison	0.330107%	0.330107%	0.000000%	0.000000%	801 East Market Street	Cadiz	OH	43907
11	UTC018107004	Estate of Anne E. Barrett ATTN: David Barrett, Executor	Yes	0.166667	1.0092	0.330107%	26-0000214.000	Short Creek	Harrison	0.330107%	0.330107%	0.000000%	0.000000%	26 Ironclad Drive	Columbus	OH	43213
11	UTC029202001	Mary Ann Dunlap	Yes	0.111111	0.6728	0.220070%	26-0000214.000	Short Creek	Harrison	0.220070%	0.220070%	0.000000%	0.000000%	5764 Sabal Trace Dr. Unit 102	North Port	FL	34287
12	UTC018107002	The Dunlap Family Trust Agreement ATTN: Dwight C. Dunlap, Trustee	Yes	0.333333	0.3527	0.115360%	26-0000213.000	Short Creek	Harrison	0.115360%	0.115360%	0.000000%	0.000000%	6851 Via Florenza Dr.	Galena	OH	43021
12	UTC018107001	Dunlap Land Company, LLC ATTN: David C. Dunlap, President	Yes	0.222222	0.2351	0.076907%	26-0000213.000	Short Creek	Harrison	0.076907%	0.076907%	0.000000%	0.000000%	1252 Orchard Park Road	Lexington	OH	44904
12	UTC018107003	Charles R. Dunlap	Yes	0.166667	0.1763	0.057680%	26-0000213.000	Short Creek	Harrison	0.057680%	0.057680%	0.000000%	0.000000%	801 East Market Street	Cadiz	OH	43907
12	UTC018107004	Estate of Anne E. Barrett ATTN: David Barrett, Executor	Yes	0.166667	0.1763	0.057680%	26-0000213.000	Short Creek	Harrison	0.057680%	0.057680%	0.000000%	0.000000%	26 Ironclad Drive	Columbus	OH	43213
12	UTC029202001	Mary Ann Dunlap	Yes	0.111111	0.1176	0.038453%	26-0000213.000	Short Creek	Harrison	0.038453%	0.038453%	0.000000%	0.000000%	5764 Sabal Trace Dr. Unit 102	North Port	FL	34287
13	UTC013557000	Nicholas D. Mamula and Trisha A. Mamula, husband and wife, for their joint lives, remainder to the survivor of them	Yes	1.000000	0.4630	0.151451%	26-0000490.000	Short Creek	Harrison	0.151451%	0.151451%	0.000000%	0.000000%	46540 Cadiz-Harrisville Road	Cadiz	OH	43907
14	UTC018107002	The Dunlap Family Trust Agreement ATTN: Dwight C. Dunlap, Trustee	Yes	0.333333	0.1853	0.060624%	26-0000222.000	Short Creek	Harrison	0.060624%	0.060624%	0.000000%	0.000000%	6851 Via Florenza Dr.	Galena	OH	43021
14	UTC018107001	Dunlap Land Company, LLC ATTN: David C. Dunlap, President	Yes	0.222222	0.1236	0.040416%	26-0000222.000	Short Creek	Harrison	0.040416%	0.040416%	0.000000%	0.000000%	1252 Orchard Park Road	Lexington	OH	44904
14	UTC018107003	Charles R. Dunlap	Yes	0.166667	0.0927	0.030312%	26-0000222.000	Short Creek	Harrison	0.030312%	0.030312%	0.000000%	0.000000%	801 East Market Street	Cadiz	OH	43907
14	UTC018107004	Estate of Anne E. Barrett ATTN: David Barrett, Executor	Yes	0.166667	0.0927	0.030312%	26-0000222.000	Short Creek	Harrison	0.030312%	0.030312%	0.000000%	0.000000%	26 Ironclad Drive	Columbus	OH	43213
14	UTC029202001	Mary Ann Dunlap	Yes	0.111111	0.0618	0.020208%	26-0000222.000	Short Creek	Harrison	0.020208%	0.020208%	0.000000%	0.000000%	5764 Sabal Trace Dr. Unit 102	North Port	FL	34287
15	UTC018107002	The Dunlap Family Trust Agreement ATTN: Dwight C. Dunlap, Trustee	Yes	0.333333	10.3647	3.390356%	26-0000216.000	Short Creek	Harrison	3.390356%	3.390356%	0.000000%	0.000000%	6851 Via Florenza Dr.	Galena	OH	43021
15	UTC018107001	Dunlap Land Company, LLC ATTN: David C. Dunlap, President	Yes	0.222222	6.9098	2.260237%	26-0000216.000	Short Creek	Harrison	2.260237%	2.260237%	0.000000%	0.000000%	1252 Orchard Park Road	Lexington	OH	44904
15	UTC018107003	Charles R. Dunlap	Yes	0.166667	5.1823	1.695183%	26-0000216.000	Short Creek	Harrison	1.695183%	1.695183%	0.000000%	0.000000%	801 East Market Street	Cadiz	OH	43907
15	UTC018107004	Estate of Anne E. Barrett ATTN: David Barrett, Executor	Yes	0.166667	5.1823	1.695183%	26-0000216.000	Short Creek	Harrison	1.695183%	1.695183%	0.000000%	0.000000%	26 Ironclad Drive	Columbus	OH	43213
15	UTC029202001	Mary Ann Dunlap	Yes	0.111111	3.4549	1.130119%	26-0000216.000	Short Creek	Harrison	1.130119%	1.130119%	0.000000%	0.000000%	5764 Sabal Trace Dr. Unit 102	North Port	FL	34287
16	UTC018107002	The Dunlap Family Trust Agreement ATTN: Dwight C. Dunlap, Trustee	Yes	0.333333	35.4490	11.595618%	26-0000218.000	Short Creek	Harrison	11.595618%	11.595618%	0.000000%	0.000000%	6851 Via Florenza Dr.	Galena	OH	43021
16	UTC018107001	Dunlap Land Company, LLC ATTN: David C. Dunlap, President	Yes	0.222222	23.6326	7.730412%	26-0000218.000	Short Creek	Harrison	7.730412%	7.730412%	0.000000%	0.000000%	1252 Orchard Park Road	Lexington	OH	44904
16	UTC018107003	Charles R. Dunlap	Yes	0.166667	17.7245	5.797827%	26-0000218.000	Short Creek	Harrison	5.797827%	5.797827%	0.000000%	0.000000%	801 East Market Street	Cadiz	OH	43907

16	UTC018107004	Estate of Anne E. Barrett ATTN: David Barrett, Executor	Yes	0.166667	17.7245	5.797827%	26-0000218.000	Short Creek	Harrison	5.797827%	5.797827%	0.000000%	0.000000%	26 Ironclad Drive	Columbus	OH	43213
16	UTC029202001	Mary Ann Dunlap	Yes	0.111111	11.8163	3.865206%	26-0000218.000	Short Creek	Harrison	3.865206%	3.865206%	0.000000%	0.000000%	5764 Sabal Trace Dr. Unit 102	North Port	FL	34287
17	UTC027536001	William P. Ledger and Judith A. Ledger, husband and wife, joint tenants with right of survivorship	Yes	1.000000	2.1280	0.696085%	26-0000204.000	Short Creek	Harrison	0.696085%	0.696085%	0.000000%	0.000000%	8201 Chatham Rd.	Medina	OH	44256
18	UTC027265001	Middlefork Farms, LLC ATTN: Thomas E. White, Manager	Yes	0.500000	2.7185	0.889241%	26-0000607.000	Short Creek	Harrison	0.889241%	0.889241%	0.000000%	0.000000%	45770 Foxes Bottom Road	Cadiz	OH	43907
18	UTC029039001	LL&B Headwater II, LP ATTN: Gordon H. Deen, as CEO	Yes	0.500000	2.7185	0.889241%	26-0000607.000	Short Creek	Harrison	0.889241%	0.889241%	0.000000%	0.000000%	11412 Bee Cave Rd. Suite 301	Austin	TX	78738
19	UTC028658000	Estate of Wilma A. Matusik Lena Mae Greenwood, Executrix	Yes	1.000000	10.0320	3.281541%	26-0000605.000	Short Creek	Harrison	3.281541%	3.281541%	0.000000%	0.000000%	PO Box 464	Barnesville	OH	43713

Total Unit Acres:	305.7100	100.000000%
Total Leased Acres:	299.7125	

TOTAL:	98.038173%	75.253181%	5.696248%	17.088744%
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* NPRI = Non-Participating Royalty Interest

SEC: 27
TWP: 9N
RNG: 4W

SEC: 21
TWP: 9N
RNG: 4W

SEC: 20
TWP: 9N
RNG: 4W

SEC: 26
TWP: 9N
RNG: 4W

Harrison Co

SHORT CREEK TWP.

SEC: 25
TWP: 9N
RNG: 4W

SEC: 19
TWP: 9N
RNG: 4W

SEC: 13
TWP: 9N
RNG: 4W

SEC: 24
TWP: 8N
RNG: 4W






SEC: 18
TWP: 8N
RNG: 4W

TRACT NO.	PARCEL NO.	AREA IN UNIT (ACRES)
1	26-000032002	7.254
2	26-0000140005	41.629
3	26-0000140003	0.382
4	26-0000140004	18.841
5a	26-0000168001	11.995
5b	26-0000168001	5.844
6	26-0000140002	1.550
7	26-0000169001	53.248
8	26-0000396000	1.561
9	26-0000395000	0.017
10	26-0000217000	0.219
11	26-0000214000	6.055
12	26-0000213000	1.058
13	26-0000490000	0.463
14	26-0000222000	0.556
15	26-0000216000	31.094
16	26-0000218000	106.347
17	26-0000204000	2.128
18	26-0000607000	5.437
19	26-0000605000	10.032
TOTALS:		305.710

See Detail 1

Detail 1

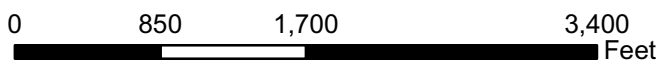
Legend

-  SADLER E SHC HR - 305.710 Ac.
-  PLSS Section
-  Townships
-  Counties
-  Tax Parcels



NAD 1927 UTM Zone 17N

SADLER E SHC HR
Exhibit C UNIT MAP



1 in = 1,121 ft
Sadler E SHC HR Unit