



Ohio Department of Natural Resources

MIKE DeWINE, GOVERNOR

MARY MERTZ, DIRECTOR

Eric Vendel, Chief

Division of Oil and Gas Resources Management
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ORDER BY THE CHIEF

September 29, 2020

ORDER NO. 2020-220

**TO: Ascent Resources - Utica, LLC
P.O. Box 13678
Oklahoma City, OK 73113**

**RE: Application for Unitization
Cravat Coal NE SHC HR Unit
Harrison County, Ohio**

**SUBJECT: Order for Unit Operations of the Utica/Point Pleasant Formations for the
Cravat Coal NE 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 Cravat Coal NE 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 Cravat Coal NE SHC HR Unit received on June 16, 2020, 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, there are no unleased mineral owners as identified by Ascent.
- 7) “Consenting working interest owner” means any working interest owner who enters into an agreement with Ascent pertaining to the operation of the Cravat Coal NE 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 Cravat Coal NE SHC HR Unit. At the time of this order, the non-consenting working interest owners identified by Ascent include those listed on Exhibit A for the corresponding tracts in the exhibit.
- 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 347.184 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. “Gross proceeds” does not include costs that result in enhancing the value of marketable oil, gas, condensate, natural gas liquids, or other products to receive a better price so long as the costs are the actual costs of such enhancement and an unleased mineral rights owner’s pro rata part of such cost is less than the amount of the enhanced value of the product.

- 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 of the Utica/Point Pleasant Formations. 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.
- 2) Pursuant to R.C. § 1509.28, the Division held a hearing on August 12, 2020 via Webex due to the Governor's and Director of Health's orders concerning COVID-19. The hearing was held to consider the need for the operation as a unit of an entire pool or part thereof. Ascent employees provided testimony on the application and answered questions from Division staff.

FINDINGS:

- 1) Based on the application and testimony by Ascent's employees, 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 Cravat Coal NE SHC HR Unit as required by R.C. § 1509.28(A).
- 2) Based on the application and testimony by Ascent's employees, the Chief finds that the operation of the Cravat Coal NE 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 employees, the Chief finds the value of the estimated additional recovery of oil or gas from the Cravat Coal NE SHC HR Unit exceeds the estimated additional cost incident to conducting the operation of the Cravat Coal NE SHC HR Unit.

ORDER:

IT IS HEREBY ORDERED:

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

Plan for Unit Operations

- 1) The unit area is comprised of the tracts totaling 347.184 acres in Short Creek Township, in Harrison County, Ohio, as shown on Exhibit C.

- 2) Ascent proposes to drill one well in the Cravat Coal NE 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/Point Pleasant Formations 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 one well in the unit area, the Chief may amend or terminate this order. Any additional wells permitted by the Chief for the Utica/Point Pleasant Formations in the unit area are subject to this order.
- 3) Evidence introduced by Ascent at the Cravat Coal NE SHC HR Unit hearing establishes that the Utica/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 Cravat Coal NE 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 Cravat Coal NE 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 Cravat Coal NE 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 Cravat Coal NE 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 Cravat Coal NE 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 Cravat Coal NE 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 Cravat Coal NE 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 Cravat Coal NE 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 Cravat Coal NE 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 if a person that is leased by Ascent, or any other consenting working interest owner, for purposes of operating the Cravat Coal NE SHC HR Unit becomes unleased. If a person becomes unleased, the person is an unleased owner under this order and paragraphs 9(c) and 9(d) 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 Cravat Coal NE 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 Cravat Coal NE 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 Cravat Coal NE 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 terminate 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 March 29, 2021, 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 Cravat Coal NE 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 terminate 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.

September 29, 2020 _____

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 A-2, Columbus, Ohio 43229-6693, within 30 days after receipt of this 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

Non-Consenting Working Interest Owner

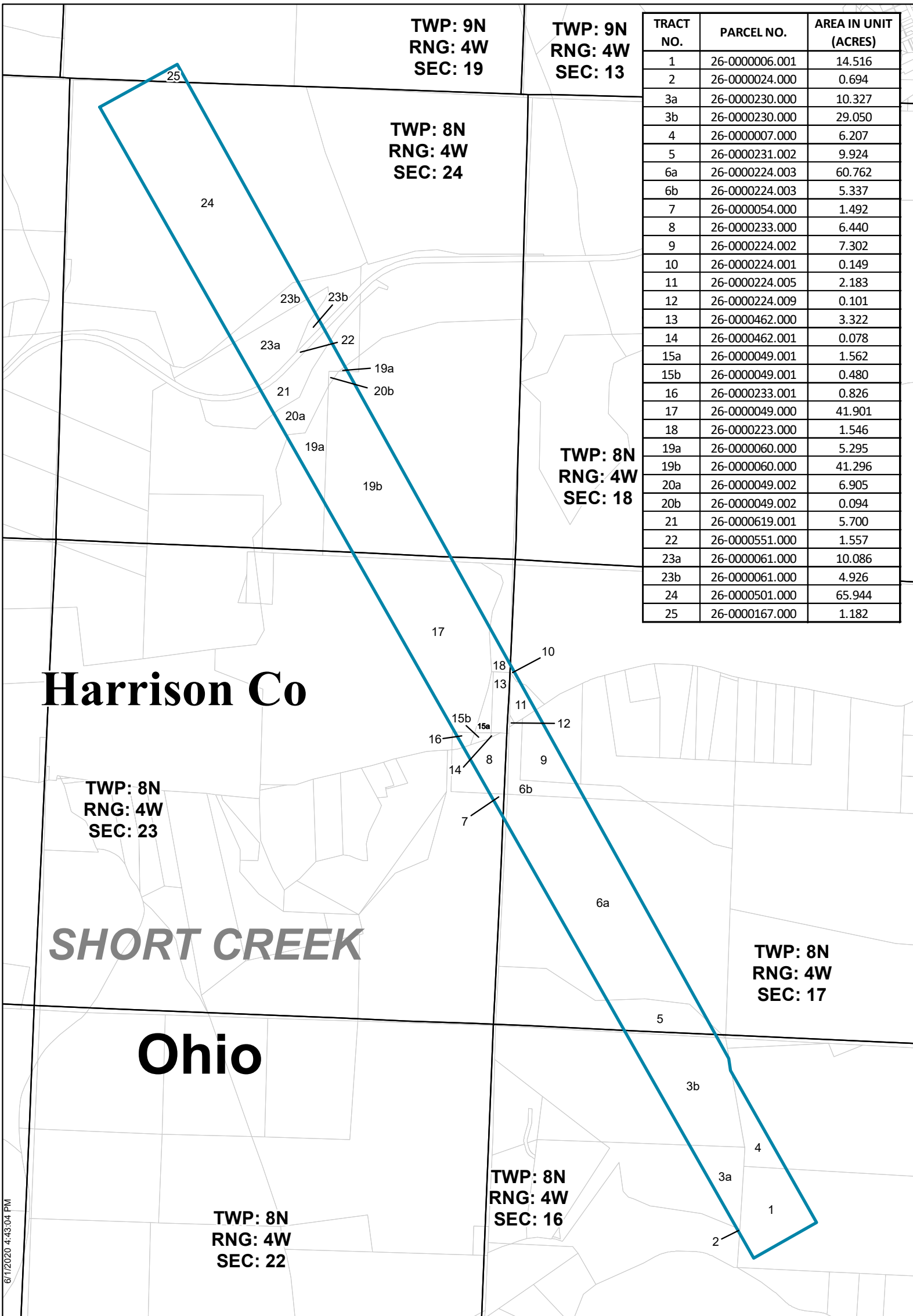
Tract Number	Uncommitted Working Interest Owner	Address	City	State	Zip	Leased Yes or No	Decimal Interest in Tract	Surface Acres in Unit	Tract Participation in Unit	Tax Map Parcel ID	Township	County
23b	EAP Ohio, LLC ATTN: Cullen D. Amend, Vice President	5847 San Felipe Street, Suite 400	Houston	TX	77057	Yes	0.750000	3.6945	1.064133%	26-0000061.000	Short Creek	Harrison
24	EAP Ohio, LLC ATTN: Cullen D. Amend, Vice President	5847 San Felipe Street, Suite 400	Houston	TX	77057	Yes	0.750000	49.4580	14.245472%	26-0000501.000	Short Creek	Harrison
25	EAP Ohio, LLC ATTN: Cullen D. Amend, Vice President	5847 San Felipe Street, Suite 400	Houston	TX	77057	Yes	0.500000	0.5910	0.170227%	26-0000167.000	Short Creek	Harrison
								Total Unit Acres:	347.1840			
								Total Uncommitted	53.7435			
								Total Uncommitted Percentage:	15.479832%			

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	RHDK Oil & Gas, LLC Working Interest Percentage	EAP Ohio, LLC Working Interest Percentage	TOTAL E&P USA, INC Working Interest Percentage	Address	City	State	Zip
1	UTC010040000	Robert M. Iles	Yes	0.093750	1.3609	0.391975%	26-0000006.001	Short Creek	Harrison	0.391975%	0.293981%	0.097994%	0.000000%	0.000000%	2930 E Vera Cruz Rd.	Palm Springs	CA	92264
1	UTC008594000	A&J Belco Resources, LLC ATTN: James F. Dietz, Trustee	Yes	0.250000	3.6290	1.045267%	26-0000006.001	Short Creek	Harrison	1.045267%	0.783950%	0.261317%	0.000000%	0.000000%	3455 Polley Road	Columbus	OH	43221
1	UTC005944000	Christina Iles Robson	Yes	0.093750	1.3609	0.391975%	26-0000006.001	Short Creek	Harrison	0.391975%	0.293981%	0.097994%	0.000000%	0.000000%	25075 W 105TH Terrace	Olathe	KS	66061
1	UTC005945000	Hutchinson Iles, LLC ATTN: Sarah Jean Iles Johnston	Yes	0.093750	1.3609	0.391975%	26-0000006.001	Short Creek	Harrison	0.391975%	0.293981%	0.097994%	0.000000%	0.000000%	117West South St.	Worthington	OH	43085
1	UTC010039000	James Jonathan Iles	Yes	0.093750	1.3609	0.391975%	26-0000006.001	Short Creek	Harrison	0.391975%	0.293981%	0.097994%	0.000000%	0.000000%	2990 E 17TH AVE #2401	Denver	CO	80206
1	UTC000205000	Logan Ridge LLC ATTN: Patricia Weber Seibert	Yes	0.375000	5.4435	1.567901%	26-0000006.001	Short Creek	Harrison	1.567901%	1.175925%	0.391975%	0.000000%	0.000000%	3470 Scioto Run Blvd.	Hilliard	OH	43026
2	UTC025446001	Capstone Holding Company ATTN: Danny E. Taylor, Treasurer	Yes	1.000000	0.6940	0.199894%	26-0000024.000	Short Creek	Harrison	0.199894%	0.199894%	0.000000%	0.000000%	0.000000%	P.O. Box 115	Bannock	OH	43972
3a	UTC018096000	William P. Ledger and Judith A. Ledger, husband and wife	Yes	1.000000	10.3270	2.974503%	26-0000230.000	Short Creek	Harrison	2.974503%	2.974503%	0.000000%	0.000000%	0.000000%	8201 Chatham Rd.	Medina	OH	44256
3b	UTC018095003	David Christopher Hines	Yes	0.250000	7.2625	2.091830%	26-0000230.000	Short Creek	Harrison	2.091830%	2.091830%	0.000000%	0.000000%	0.000000%	9461 N 37 Rd	Mantion	MI	49663
3b	UTC018095001	Richard Scott Hines	Yes	0.250000	7.2625	2.091830%	26-0000230.000	Short Creek	Harrison	2.091830%	2.091830%	0.000000%	0.000000%	0.000000%	4265 E. Laurel Ridge	Port Clinton	OH	43452
3b	UTC018095002	Drue Anne Hines Danz	Yes	0.250000	7.2625	2.091830%	26-0000230.000	Short Creek	Harrison	2.091830%	2.091830%	0.000000%	0.000000%	0.000000%	155 Bettys Creek Dr.	Moneta	VA	24121
3b	UTC018095004	Walter Vance Hines	Yes	0.250000	7.2625	2.091830%	26-0000230.000	Short Creek	Harrison	2.091830%	2.091830%	0.000000%	0.000000%	0.000000%	720 Gleanbor Circle	Longmont	CO	80504
4	UTC010040000	Robert M. Iles	Yes	0.093750	0.5819	0.167607%	26-0000007.000	Short Creek	Harrison	0.167607%	0.125706%	0.041902%	0.000000%	0.000000%	2930 E Vera Cruz Rd.	Palm Springs	CA	92264
4	UTC008594000	A&J Belco Resources, LLC ATTN: James F. Dietz, Trustee	Yes	0.250000	1.5518	0.446953%	26-0000007.000	Short Creek	Harrison	0.446953%	0.335215%	0.111738%	0.000000%	0.000000%	3455 Polley Road	Columbus	OH	43221
4	UTC005944000	Christina Iles Robson	Yes	0.093750	0.5819	0.167607%	26-0000007.000	Short Creek	Harrison	0.167607%	0.125706%	0.041902%	0.000000%	0.000000%	25075 W 105TH Terrace	Olathe	KS	66061
4	UTC005945000	Hutchinson Iles, LLC ATTN: Sarah Jean Iles Johnston	Yes	0.093750	0.5819	0.167607%	26-0000007.000	Short Creek	Harrison	0.167607%	0.125706%	0.041902%	0.000000%	0.000000%	117West South St.	Worthington	OH	43085
4	UTC010039000	James Jonathan Iles	Yes	0.093750	0.5819	0.167607%	26-0000007.000	Short Creek	Harrison	0.167607%	0.125706%	0.041902%	0.000000%	0.000000%	2990 E 17TH AVE #2401	Denver	CO	80206
4	UTC000205000	Logan Ridge LLC ATTN: Patricia Weber Seibert	Yes	0.375000	2.3276	0.670430%	26-0000007.000	Short Creek	Harrison	0.670430%	0.502822%	0.167607%	0.000000%	0.000000%	3470 Scioto Run Blvd.	Hilliard	OH	43026
5	UTC018095003	David Christopher Hines	Yes	0.250000	2.4810	0.714607%	26-0000231.002	Short Creek	Harrison	0.714607%	0.714607%	0.000000%	0.000000%	0.000000%	9461 N 37 Rd	Mantion	MI	49663
5	UTC018095001	Richard Scott Hines	Yes	0.250000	2.4810	0.714607%	26-0000231.002	Short Creek	Harrison	0.714607%	0.714607%	0.000000%	0.000000%	0.000000%	4265 E. Laurel Ridge	Port Clinton	OH	43452
5	UTC018095002	Drue Anne Hines Danz	Yes	0.250000	2.4810	0.714607%	26-0000231.002	Short Creek	Harrison	0.714607%	0.714607%	0.000000%	0.000000%	0.000000%	155 Bettys Creek Dr.	Moneta	VA	24121
5	UTC018095004	Walter Vance Hines	Yes	0.250000	2.4810	0.714607%	26-0000231.002	Short Creek	Harrison	0.714607%	0.714607%	0.000000%	0.000000%	0.000000%	720 Gleanbor Circle	Longmont	CO	80504
6a	UTC018095003	David Christopher Hines	Yes	0.250000	15.1905	4.375346%	26-0000224.003	Short Creek	Harrison	4.375346%	0.000000%	0.000000%	0.000000%	0.000000%	9461 N 37 Rd	Mantion	MI	49663
6a	UTC018095001	Richard Scott Hines	Yes	0.250000	15.1905	4.375346%	26-0000224.003	Short Creek	Harrison	4.375346%	0.000000%	0.000000%	0.000000%	0.000000%	4265 E. Laurel Ridge	Port Clinton	OH	43452
6a	UTC018095002	Drue Anne Hines Danz	Yes	0.250000	15.1905	4.375346%	26-0000224.003	Short Creek	Harrison	4.375346%	0.000000%	0.000000%	0.000000%	0.000000%	155 Bettys Creek Dr.	Moneta	VA	24121
6a	UTC018095004	Walter Vance Hines	Yes	0.250000	15.1905	4.375346%	26-0000224.003	Short Creek	Harrison	4.375346%	0.000000%	0.000000%	0.000000%	0.000000%	720 Gleanbor Circle	Longmont	CO	80504
6b	UTC025639001	M & H Partnership ATTN: David E. Miller, Partner	Yes	1.000000	5.3370	1.537225%	26-0000224.003	Short Creek	Harrison	1.537225%	0.000000%	0.000000%	0.000000%	0.000000%	8008 Township Road 662	Dundee	OH	44624
7	UTC022978000	Thomas R. Henry	Yes	1.000000	1.4920	0.429743%	26-0000054.000	Short Creek	Harrison	0.429743%	0.429743%	0.000000%	0.000000%	0.000000%	470 Johnson Road, Suite 100	Washington	PA	15301
7	UTC022978000	Mineral Acquisition Company L.P. (NPRI Only) ATTN: Robert W. Antablin, President	Yes	0.000000	0.0000	0.000000%	26-0000054.000	Short Creek	Harrison	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%	600 Travis Street, Suite 7200	Houston	TX	77002
7	UTC022978000	Principle Energy, LLC (NPRI Only) ATTN: Richard J. Hamilton, III Managing Member	Yes	0.000000	0.0000	0.000000%	26-0000054.000	Short Creek	Harrison	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%	P.O. Box 2228	Houston	TX	77252
7	UTC022978000	Petrobella Energy, Inc. (NPRI Only) ATTN: Jonathan Malespin, President	Yes	0.000000	0.0000	0.000000%	26-0000054.000	Short Creek	Harrison	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%	P.O. Box 53451	Lafayette	LA	70505
7	UTC022978000	Get It Get It LLC (NPRI Only) ATTN: Jeffrey Farshad, Agent	Yes	0.000000	0.0000	0.000000%	26-0000054.000	Short Creek	Harrison	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%	2021 St. Claude Avenue	New Orleans	LA	70116
8	UTC018095003	David Christopher Hines	Yes	0.250000	1.6100	0.463731%	26-0000233.000	Short Creek	Harrison	0.463731%	0.463731%	0.000000%	0.000000%	0.000000%	9461 N 37 Rd	Mantion	MI	49663
8	UTC018095001	Richard Scott Hines	Yes	0.250000	1.6100	0.463731%	26-0000233.000	Short Creek	Harrison	0.463731%	0.463731%	0.000000%	0.000000%	0.000000%	4265 E. Laurel Ridge	Port Clinton	OH	43452
8	UTC018095002	Drue Anne Hines Danz	Yes	0.250000	1.6100	0.463731%	26-0000233.000	Short Creek	Harrison	0.463731%	0.463731%	0.000000%	0.000000%	0.000000%	155 Bettys Creek Dr.	Moneta	VA	24121
8	UTC018095004	Walter Vance Hines	Yes	0.250000	1.6100	0.463731%	26-0000233.000	Short Creek	Harrison	0.463731%	0.463731%	0.000000%	0.000000%	0.000000%	720 Gleanbor Circle	Longmont	CO	80504
9	UTC002044000	Alework Paulos	Yes	1.000000	7.3020	2.103208%	26-0000224.002	Short Creek	Harrison	2.103208%	2.103208%	0.000000%	0.000000%	0.000000%	246 Nanev St	Monticello	GA	31064
10	UTC025410001	Randon L. Nelson and ReNee R. Nelson husband and wife	Yes	1.000000	0.1490	0.042917%	26-0000224.001	Short Creek	Harrison	0.042917%	0.042917%	0.000000%	0.000000%	0.000000%	62222 Frankfort Road	Salesville	OH	43778
11	UTC024983000	Stanley J. Stenkowski and Debra A. Stenkowski, husband and wife	Yes	1.000000	2.1830	0.628773%	26-0000234.005	Short Creek	Harrison	0.628773%	0.628773%	0.000000%	0.000000%	0.000000%	47050 Stumpown Road	Cadiz	OH	43907
12	UTC024983000	Stanley J. Stenkowski and Debra A. Stenkowski, husband and wife	Yes	1.000000	0.1010	0.029091%	26-0000234.009	Short Creek	Harrison	0.029091%	0.029091%	0.000000%	0.000000%	0.000000%	47050 Stumpown Road	Cadiz	OH	43907
13	UTC002254000	Stanley J. Stenkowski and Debra A. Stenkowski, husband and wife	Yes	1.000000	3.3220	0.956841%	26-0000462.000	Short Creek	Harrison	0.956841%	0.956841%	0.000000%	0.000000%	0.000000%	47050 Stumpown Road	Cadiz	OH	43907
14	UTC018095003	David Christopher Hines	Yes	0.250000	0.0195	0.005617%	26-0000462.001	Short Creek	Harrison	0.005617%	0.005617%	0.000000%	0.000000%	0.000000%	9461 N 37 Rd	Mantion	MI	49663
14	UTC018095001	Richard Scott Hines	Yes	0.250000	0.0195	0.005617%	26-0000462.001	Short Creek	Harrison	0.005617%	0.005617%	0.000000%	0.000000%	0.000000%	4265 E. Laurel Ridge	Port Clinton	OH	43452
14	UTC018095002	Drue Anne Hines Danz	Yes	0.250000	0.0195	0.005617%	26-0000462.001	Short Creek	Harrison	0.005617%	0.005617%	0.000000%	0.000000%	0.000000%	155 Bettys Creek Dr.	Moneta	VA	24121
14	UTC018095004	Walter Vance Hines	Yes	0.250000	0.0195	0.005617%	26-0000462.001	Short Creek	Harrison	0.005617%	0.005617%	0.000000%	0.000000%	0.000000%	720 Gleanbor Circle	Longmont	CO	80504
15a	UTC025728000	Ascent Utica Minerals, LLC ATTN: Mike McLaughlin	Yes	1.000000	1.5620	0.449906%	26-0000049.001	Short Creek	Harrison	0.449906%	0.449906%	0.000000%	0.000000%	0.000000%	3501 NW 63rd Street	Oklahoma City	OK	73116
15b	UTC018095003	David Christopher Hines	Yes	0.250000	0.1200	0.034564%	26-0000049.001	Short Creek	Harrison	0.034564%	0.034564%	0.000000%	0.000000%	0.000000%	9461 N 37 Rd	Mantion	MI	49663
15b	UTC018095001	Richard Scott Hines	Yes	0.250000	0.1200	0.034564%	26-0000049.001	Short Creek	Harrison	0.034564%	0.034564%	0.000000%	0.000000%	0.000000%	4265 E. Laurel Ridge	Port Clinton	OH	43452
15b	UTC018095002	Drue Anne Hines Danz	Yes	0.250000	0.1200	0.034564%	26-0000049.001	Short Creek	Harrison	0.034564%	0.034564%	0.000000%	0.000000%	0.000000%	155 Bettys Creek Dr.	Moneta	VA	24121
15b	UTC018095004	Walter Vance Hines	Yes	0.250000	0.1200	0.034564%	26-0000049.001	Short Creek	Harrison	0.034564%	0.034564%	0.000000%	0.000000%	0.000000%	720 Gleanbor Circle	Longmont	CO	80504
16	UTC018095003	David Christopher Hines	Yes	0.250000	0.2065	0.059479%	26-0000233.001	Short Creek	Harrison	0.059479%	0.059479%							

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	RHDK Oil & Gas, LLC Working Interest Percentage	EAP Ohio, LLC Working Interest Percentage	TOTAL E&P USA, INC Working Interest Percentage	Address	City	State	Zip	
22	UTC025294000	Wheeling & Lake Erie Railway Company ATTN: Lairy R. Parsons, Chairman & CEO	Yes	1.000000	1.5570	0.448465%	26-0000551.000	Short Creek	Harrison	0.448465%	0.448465%	0.000000%	0.000000%	0.000000%	100 East First Street	Brewster	OH	44613	
23a	UTC018058000	Pellis and Matthews ATTN: Thomas Pellis and Bernard Matthews, Partners	Yes	1.000000	10.0860	2.905088%	26-0000061.000	Short Creek	Harrison	2.905088%	2.905088%	0.000000%	0.000000%	0.000000%	1001 Southway Dr.	Greensburg	PA	15601	
23b	EAP	EAP Ohio, LLC ATTN: Cullen D. Amend, Vice President	Yes	1.000000	4.9260	1.418844%	26-0000061.000	Short Creek	Harrison	0.354711%	0.000000%	0.000000%	1.064133%	0.354711%	5847 San Felipe Street, Suite 400	Houston	TX	77057	
23b	EAP	RJR Resources LLC (NPRI Only) ATTN: Ron Broadway, Manager	Yes	0.000000	0.0000	0.000000%	26-0000061.000	Short Creek	Harrison	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%	5910 N. Central Expressway, Suite 1520	Dallas	TX	75252	
23b	EAP	Windhaven Interests LLC (NPRI Only) ATTN: John Calce, President	Yes	0.000000	0.0000	0.000000%	26-0000061.000	Short Creek	Harrison	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%	5601 Preakness Lane	Plano	TX	75093	
23b	EAP	Blackhawk Minerals LLC (NPRI Only) ATTN: Ron Broadway, Sole Member	Yes	0.000000	0.0000	0.000000%	26-0000061.000	Short Creek	Harrison	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%	17950 Preston Road, Suite 1080	Dallas	TX	75252	
24	EAP	EAP Ohio, LLC ATTN: Cullen D. Amend, Vice President	Yes	1.000000	65.9440	18.993963%	26-0000501.000	Short Creek	Harrison	4.748491%	0.000000%	0.000000%	14.245472%	4.748491%	5847 San Felipe Street, Suite 400	Houston	TX	77057	
24	EAP	RJR Resources LLC (NPRI Only) ATTN: Ron Broadway, Manager	Yes	0.000000	0.0000	0.000000%	26-0000501.000	Short Creek	Harrison	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%	5910 N. Central Expressway, Suite 1520	Dallas	TX	75252	
24	EAP	Windhaven Interests LLC (NPRI Only) ATTN: John Calce, President	Yes	0.000000	0.0000	0.000000%	26-0000501.000	Short Creek	Harrison	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%	5601 Preakness Lane	Plano	TX	75093	
24	EAP	Blackhawk Minerals LLC (NPRI Only) ATTN: Ron Broadway, Sole Member	Yes	0.000000	0.0000	0.000000%	26-0000501.000	Short Creek	Harrison	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%	17950 Preston Road, Suite 1080	Dallas	TX	75252	
25	EAP	EAP Ohio, LLC ATTN: Cullen D. Amend, Vice President	Yes	0.500000	0.5910	0.170227%	26-0000167.000	Short Creek	Harrison	0.000000%	0.000000%	0.000000%	0.170227%	0.000000%	5847 San Felipe Street, Suite 400	Houston	TX	77057	
25	UTC018077000	Bounty Minerals, LLC ATTN: Tracie R. Palmer, Executive Vice President	Yes	0.500000	0.5910	0.170227%	26-0000167.000	Short Creek	Harrison	0.170227%	0.170227%	0.000000%	0.000000%	0.000000%	777 Main Street, Suite 3400	Fort Worth	TX	76102	
				Total Unit Acres:	347.1840														
				Total Leased Acres:	293.4405														
										TOTAL:	84.520168%	77.924746%	1.492220%	15.479832%	5.103202%				

"Total Leased Acres" includes acreage owned in fee by the Applicant and the other committed working interest owners.
* NPRI = Non-Participating Royalty Interest

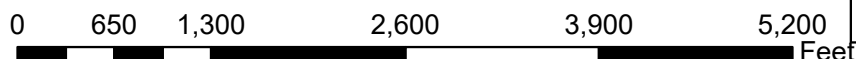


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CRAVAT COAL NE SHC HR

Exhibit C



Legend	
	Cravat Coal NE SHC HR - 347.184 ac
	Municipal Townships
	PLSS Section

NAD 1927 UTM Zone 17N

1 INCH = 1,289 FEET
Cravat Coal NE SHC HR Unit