



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

9489009000276359188402

ORDER BY THE CHIEF

April 19, 2024

ORDER NO. 2024-108

**TO: INR Ohio, LLC
2605 Cranberry Square
Morgantown, WV 26508**

**RE: Application for Unitization
Beros NW Unit
Guernsey County, Ohio**

**SUBJECT: Amendment of Chief's Order No. 2022-24 for Unit Operations of the
Utica/Point Pleasant Formations**

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 INR Ohio, LLC's ("INR") Request for Amendment of Unit Operations for the Beros NW Unit:

BACKGROUND:

- 1) In an application dated August 20, 2021, Utica Resource Operating, LLC ("URO") filed its Beros NW application with the Division for unit operation of the Utica/Point Pleasant Formations in Guernsey County, Ohio.
- 2) Pursuant to R.C. 1509.28, a hearing was held on December 8, 2021, to consider the need for operation as a unit of an entire pool or part thereof.
- 3) On February 1, 2022, Chief's Order No. 2022-24 was issued pursuant to R.C. 1509.28 approving unit operations for the Beros NW Unit.
- 4) As of January 4, 2023, the Division's records were updated to reflect a transfer of URO's working interest in the Beros NW Unit to INR Ohio, LLC ("INR").

- 5) In an application dated December 13, 2023, INR submitted to the Division a Request for Amendment of Chief's Order No. 2022-24 to drill three wells within the unit instead of four wells as required by Order No. 2022-24 ("Request for Amendment").
- 6) Pursuant to R.C. 1509.28, the Division held a hearing on February 21, 2024, to consider the request to drill three wells instead of four wells as required by Order No. 2022-24.

FINDINGS:

- 1) Based on the Request for Amendment and the testimony at the February 21, 2024 hearing, the Chief finds that the Request for Amendment is reasonably necessary to increase substantially the ultimate recovery of oil and gas.
- 2) Based on the Request for Amendment and the testimony at the February 21, 2024 hearing, the Chief finds the value of the estimated additional recovery of oil or gas from Beros NW Unit exceeds the estimated additional cost incident to conducting the operation of the Beros NW Unit.
- 3) Based on the application and testimony at the February 21, 2024 hearing, the Chief finds that the Request for Amendment of Chief's Order No. 2022-24 should be amended.

ORDERS:

Paragraphs 2, 8, 9(g), and 9(i) of the Plan for Unit Operations in Chief's Order No. 2022-24 are amended to read as follows:

- (2) INR proposes to drill three wells in the Beros NW Unit for the purpose of recovering oil and gas. Drilling operations shall commence in the unit area within twelve (12) months from the date of approval of 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, INR shall produce from three wells no later than four years after February 18, 2022. If INR fails to drill, complete, and produce at least three wells 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.
- (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 Beros NW 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 or as prescribed in Paragraph 8(a) of this order.

- a) Except as provided otherwise in Paragraph 8(b) of this order, after the initial well is placed into production in the Beros NW Unit, if INR ceases production of hydrocarbons from all wells in the Beros NW Unit for more than 90 days, but not more than 360 days, and has never ceased production of hydrocarbons from all wells in the Beros NW Unit for more than 90 days previously, operations in the Beros NW Unit may continue so long as INR pays each unleased mineral owner a monthly "delay in production" payment calculated as set forth in Paragraph 8(a)(i) through (iii) of this order until production resumes from at least one well in the Beros NW Unit:
- i. For each 30-day period, beginning at day 91 and ending on day 180 that INR does not produce hydrocarbons from the Beros NW Unit, INR shall pay each unleased mineral interest owner a payment in an amount equal to 15% of the average of the payments made to that unleased mineral owner pursuant to Paragraph 9(c) of this order for the three months immediately preceding the date that the production of hydrocarbons ceased in the Beros NW Unit. These payments are in addition to any payments that may be owed under paragraph 9 of this order.
 - ii. For each 30-day period, beginning on day 181 and ending on day 360 that INR does not produce hydrocarbons from the Beros NW Unit, INR shall pay each unleased mineral owner a payment in an amount equal to 20% of the average of the payments made to that unleased mineral owner pursuant to Paragraph 9(c) of this order for the three months immediately preceding the date that the production of hydrocarbons ceased in the Beros NW Unit. These payments are in addition to any payments that may be owed under paragraph 9 of this order.
 - iii. Payments to unleased mineral owners under this Paragraph shall be prorated to account for any changes in ownership of the unleased mineral interest and any resumption of production during a 30-day period.
- b) If INR ceases production of hydrocarbons from all wells in the Beros NW Unit for more than 360 days, unless otherwise approved by the Chief in writing, the Chief may revoke this Chief's Order.
- c) The Beros NW 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, INR shall provide written notice of the termination to the Division and to all unleased mineral owners. In addition to the notice of termination, INR 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 three wells in the Beros NW Unit, the Chief may amend this order.

- (9) (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, INR 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 INR; and
 - iii. A statement of all costs and expenses for purposes of Paragraphs 6, 8(a), and 9(d) of this order.
- (9) (i) INR shall notify the Division within 30 days if a person that is leased by INR, or any other consenting working interest owner, for purposes of operating the Beros NW Unit becomes unleased. If a person becomes unleased, the person is an unleased mineral owner under this order and Paragraphs 8(a) and 9(a) through 9(g) of this order apply.

April 19, 2024

Eric Vendel

Date

/s/

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.

Enclosure: Chief's Order No. 2022-24



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

February 1, 2022

ORDER NO. 2022-24

**TO: Utica Resource Operating, LLC
2167C Route 821
Marietta, OH 45750**

**RE: Application for Unitization
Beros NW Unit
Guernsey County, Ohio**

**SUBJECT: Order for Unit Operations of the Utica shale and Point Pleasant Formation
for the Beros NW 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 Utica Resource Operating, LLC’s (“URO”) Application for Unit Operations for the Beros NW 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 Utica Resource Operating, LLC for Unit Operation of the Beros NW Unit dated August 20, 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 URO include those listed on Exhibit A.
- 7) "Consenting working interest owner" means any working interest owner who enters into an agreement with URO pertaining to the operation of the Beros NW Unit.
- 8) "Non-consenting working interest owner" means a working interest owner who does not enter into an agreement with URO pertaining to the operation of the Beros NW Unit. At the time of this order, the non-consenting working interest owners identified by URO include those listed on Exhibit B.
- 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 C totaling 795.6516 acres located in Center and Richland Townships, in Guernsey County, Ohio as shown in Exhibit D.
- 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) URO 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. URO 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 URO's representatives, the Chief finds that URO 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 Beros NW Unit as required by R.C. § 1509.28(A).
- 2) Based on the application and testimony by URO's representatives, the Chief finds that the operation of the Beros NW Unit is reasonably necessary to increase substantially the ultimate recovery of oil and gas.
- 3) Based on the application and testimony by URO's representatives, the Chief finds the value of the estimated additional recovery of oil or gas from the Beros NW Unit exceeds the estimated additional cost incident to conducting the operation of the Beros NW Unit.

ORDER:

IT IS HEREBY ORDERED:

Pursuant to R.C. § 1509.28, URO is authorized to conduct operations within the Beros NW Unit in accordance with all of the following:

Plan for Unit Operations

- 1) The unit area is comprised of the tracts totaling 795.6516 acres in Center and Richland Townships, in Guernsey County, Ohio, as shown on Exhibit D.

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

Exhibit A

Unleased Mineral Owners

Tract Number	Mineral Owner	Leased Yes or No	Decimal Interest in Tract	Surface Acres in Unit	Net Acres in Unit	Tract Participation in Unit	Tax Map Parcel ID	Tract Surface Use	Township	County	Address	City	State	Zip
79	JOSEPH MINARCHEK	NO	1.0000	1.2260	1.2260	0.1540875%	p/a 31-0000389.000	SINGLE FAMILY	RICHLAND	GUERNSEY	289 E STATE ST, STE 600	COLLUMBUS	OH	43215
79(A)	SUCCESSORS TO THE MORRIS COAL COMPANY (DISSOLVED)	NO	1.0000	0.1000	0.1000	0.01256633%	p/a 31-0000389.000	SINGLE FAMILY	RICHLAND	GUERNSEY	282 BEECHHURST AVE	MORGANTOWN	WV	26601
89	WILLIAM GRABAN WIDOWER	NO	1.0000	0.1445	0.1445	0.0181612%	31-0003072.001	AGRICULTURAL	RICHLAND	GUERNSEY	1390 HICKORY RIDGE LANE	COLLUMBUS	OH	43235
122	TIMOTHY P. LAHEY	NO	0.2500	1.5424	0.3856	0.0484634%	09-0000421.000	MANUFACTURED HOME	CENTER	GUERNSEY	4747 DEER CREEK DR	WOOSTER	OH	44691
123	TIMOTHY P. LAHEY	NO	0.2500	2.6980	0.6745	0.0847733%	09-0000422.000	MANUFACTURED HOME	CENTER	GUERNSEY	4747 DEER CREEK DR	WOOSTER	OH	44691
124	TIMOTHY P. LAHEY	NO	0.2500	2.4740	0.6185	0.0777360%	09-0000423.000	SINGLE FAMILY	CENTER	GUERNSEY	4747 DEER CREEK DR	WOOSTER	OH	44691
125	TIMOTHY P. LAHEY	NO	0.2500	2.5570	0.6393	0.0803430%	09-0000424.000	VACANT	CENTER	GUERNSEY	4747 DEER CREEK DR	WOOSTER	OH	44691
126	TIMOTHY P. LAHEY	NO	0.2500	2.366	0.5915	0.007043416	09-0000425.000	SINGLE FAMILY	CENTER	GUERNSEY	4747 DEER CREEK DR	WOOSTER	OH	44691
127	TIMOTHY P. LAHEY	NO	0.2500	2.3260	0.5815	0.0730948%	09-0000426.000	VACANT	CENTER	GUERNSEY	4747 DEER CREEK DR	WOOSTER	OH	44691
154	SUCCESSORS TO THE MORRIS COAL COMPANY (DISSOLVED)	NO	1.0000	0.2080	0.2080	0.0261421%	09-0000472.000	VACANT	CENTER	GUERNSEY	282 BEECHHURST AVE	MORGANTOWN	WV	26601
173	KIMBERLY WIKES	NO	1.0000	0.2504	0.2504	0.0314711%	09-0000262.000	MANUFACTURED HOME	CENTER	GUERNSEY	61446 INSTITUTE ROAD	LORE CITY	OH	43755
174	UNKNOWN HEIRS OF JEREMIAH PEARSON, JR.	NO	0.8667	0.2080	0.2080	0.0261421%	09-0000269.000	VACANT	CENTER	GUERNSEY	UNKNOWN			
174	LINDA SUE NEFF (JEREMIAH PEARSON HEIR)	NO	0.1111	0.2400	0.0267	0.0033516%	09-0000269.000	VACANT	CENTER	GUERNSEY	115 NEWCOMER WAY, APT 711	WHEELING	WV	26003
174	GERALD DEAN PEARSON (JEREMIAH PEARSON HEIR)	NO	0.0222	0.2400	0.0053	0.0006703%	09-0000269.001	VACANT	CENTER	GUERNSEY	219 SECOND CROSS STREET	QUAKER CITY	OH	43373
191	ANNA C. BEHM (JOHN H. ROBINS HEIR)	NO	0.2500	1.6542	0.4136	0.0519763%	UNASSESSED	VACANT	CENTER	GUERNSEY	429 BEHM ROAD	WIND RIDGE	PA	15380
191	WILLIAM E. FRYE (JOHN H. ROBINS HEIR)	NO	0.2500	1.6542	0.4136	0.0519763%	UNASSESSED	VACANT	CENTER	GUERNSEY	520 WARD AVENUE	NILES	OH	44446
191	POWELL R. ANDERSON (JOHN H. ROBINS HEIR)	NO	0.0833	1.6542	0.1379	0.0173254%	UNASSESSED	VACANT	CENTER	GUERNSEY	50 TRADITIONS PLACE	HENRIETTA	NY	14467
191	KA THLEEN R. ANDERSON (JOHN H. ROBINS HEIR)	NO	0.0833	1.6542	0.1379	0.0173254%	UNASSESSED	VACANT	CENTER	GUERNSEY	402 ELM AVENUE	LAKE SIDE MARBLEHEAD	OH	43440
191	DOUGLAS S. WOLFE (JOHN H. ROBINS HEIR)	NO	0.0278	1.6542	0.0460	0.0057514%	UNASSESSED	VACANT	CENTER	GUERNSEY	3213 SAGO POINT COURT	LAND O LAKES	OH	43440
191	RICHARD WOLFE (JOHN H. ROBINS HEIR)	NO	0.0278	1.6542	0.0460	0.0057514%	UNASSESSED	VACANT	CENTER	GUERNSEY	7041 LINDEN ROAD	FENTON	MI	48430
191	TERRY WOLFE (JOHN H. ROBINS HEIR)	NO	0.0278	1.6542	0.0460	0.0057514%	UNASSESSED	VACANT	CENTER	GUERNSEY	UNKNOWN			
191	BAYARD D. ANDERSON (JOHN H. ROBINS HEIR)	NO	0.2500	1.6542	0.4136	0.0519763%	UNASSESSED	VACANT	CENTER	GUERNSEY	6 BOOT ROAD	NEWTOWN SQUARE	PA	19073
204	UNKNOWN HEIRS OF NICKOLAS BILEE	NO	0.4444	0.2500	0.1111	0.0139648%	09-000007.000	SINGLE FAMILY	CENTER	GUERNSEY	P.O. BOX 17	LORE CITY	OH	43755
204	BARBARA CHOREY	NO	0.0556	0.2500	0.0139	0.0017456%	09-000007.000	SINGLE FAMILY	CENTER	GUERNSEY	P.O. BOX 17	LORE CITY	OH	43755
204	UNKNOWN HEIRS OF MARY BILEE	NO	0.5000	0.2500	0.1250	0.0157104%	09-000007.000	SINGLE FAMILY	CENTER	GUERNSEY	PC BOX 17	LORE CITY	OH	43755
205	UNKNOWN HEIRS OF EDWARD GLIVAR	NO	0.1417	0.1670	0.0237	0.0029722%	09-000006.000	VACANT	CENTER	GUERNSEY	55579 TERRACE DRIVE	BRIDGEPORT	OH	43812
205	HEINRY GLIVAR	NO	0.2000	0.1670	0.0334	0.0041978%	09-000006.000	VACANT	CENTER	GUERNSEY	UNKNOWN			
205	SHARON PARKER	NO	0.1000	0.1670	0.0167	0.0020989%	09-000006.000	VACANT	CENTER	GUERNSEY	350 PEARL STREET	EUGENE	OR	97401
205	SHELLY ROHRIG	NO	0.1000	0.1670	0.0167	0.0020989%	09-000006.000	VACANT	CENTER	GUERNSEY	50260 CINDY DRIVE	ST. CLAIRSVILLE	OH	43950
205	DEBRA ZEMELKA	NO	0.0667	0.1670	0.0111	0.0013993%	09-000006.000	VACANT	CENTER	GUERNSEY	49 MASER AVENUE	WHEELING	WV	26003
205	EVELYN ZEMELKA	NO	0.0667	0.1670	0.0111	0.0013993%	09-000006.000	VACANT	CENTER	GUERNSEY	176 RUMMELMEDE DRIVE	YOUNGSTOWN	OH	44512
205	FRANK ROGER ZEMELKA, JR.	NO	0.0667	0.1670	0.0111	0.0013993%	09-000006.000	VACANT	CENTER	GUERNSEY	49343 GLENWILL DRIVE	ST. CLAIRSVILLE	OH	44950
205	RICHARD A. PINTARICH	NO	0.0250	0.1670	0.0042	0.0005247%	09-000006.000	VACANT	CENTER	GUERNSEY	7166 MENTOR AVE, UNIT 35	WILDOUGHBY	OH	44094
205	MARLENE ROBSON	NO	0.0250	0.1670	0.0042	0.0005247%	09-000006.000	VACANT	CENTER	GUERNSEY	56430 BOND AVENUE	BRIDGEPORT	OH	44912
205	GERALD R. PINTARICH, JR.	NO	0.0083	0.1670	0.0014	0.0001749%	09-000006.000	VACANT	CENTER	GUERNSEY	237 ESTATES LANE	REYNOLDSBURG	OH	43068
208	TIMOTHY P. LAHEY	NO	0.2500	3.4354	0.8589	0.1079430%	09-0000419.000	VACANT	CENTER	GUERNSEY	46995 COLUMBIA STREET	ST. CLAIRSVILLE	OH	43950
214	HELEN I. GINN (AKA HELEN I. HEWISON, AKA HELEN I. HELETER)	NO	1.0000	0.2546	0.2546	0.0319989%	09-0000059.000	OTHER RESIDENTIAL	CENTER	GUERNSEY	61615 INSTITUTE ROAD	LORE CITY	OH	43755
215	HELEN I. GINN (AKA HELEN I. HEWISON, AKA HELEN I. HELETER)	NO	1.0000	1.1390	1.1390	0.1431531%	09-0000058.000	SINGLE FAMILY	CENTER	GUERNSEY	61615 INSTITUTE ROAD	LORE CITY	OH	43755
			Total Unleased Acres:		9.9834	1.2347459%								
			Total Unit Acres:		795.6516									

Exhibit B Non-Consenting Working Interest Owners

Tract Number	Working Interest Owner	Address	City	State	Zip	Leased Yes or No	Decimal Interest in Tract	Surface Acres in Unit	Net Acres in Unit	Tract Participation in Unit	Working Interest in Unit	Tax Map Parcel ID	Township	County
96	RIVERBEND OIL & GAS VI-B, LLC ATTN: NATALIA KUPEC	1200 SMITH STREET SUITE 1950	HOUSTON	TX	77002	YES	1.0000	12.1880	12.1880	1.5318282%	0.3829566%	31-0001777.000	RICHLAND	GUERNSEY
97	RIVERBEND OIL & GAS VI-B, LLC ATTN: NATALIA KUPEC	1200 SMITH STREET SUITE 1950	HOUSTON	TX	77002	YES	1.0000	34.9156	34.9156	4.3883026%	1.0970756%	31-0001775.000	RICHLAND	GUERNSEY
98	RIVERBEND OIL & GAS VI-B, LLC ATTN: NATALIA KUPEC	1200 SMITH STREET SUITE 1950	HOUSTON	TX	77002	YES	1.0000	0.0310	0.0310	0.0038962%	0.0009740%	31-0001781.000	RICHLAND	GUERNSEY
99	RIVERBEND OIL & GAS VI-B, LLC ATTN: NATALIA KUPEC	1200 SMITH STREET SUITE 1950	HOUSTON	TX	77002	YES	1.0000	25.7268	25.7268	3.2334253%	0.8083563%	31-0001779.000	RICHLAND	GUERNSEY
102A	RIVERBEND OIL & GAS VI-B, LLC ATTN: NATALIA KUPEC	1200 SMITH STREET SUITE 1950	HOUSTON	TX	77002	YES	1.0000	2.5019	2.5019	0.3144467%	0.0786117%	p/o 31-0000299.001	RICHLAND	GUERNSEY
103	RIVERBEND OIL & GAS VI-B, LLC ATTN: NATALIA KUPEC	1200 SMITH STREET SUITE 1950	HOUSTON	TX	77002	YES	1.0000	0.1330	0.1330	0.0167159%	0.0041790%	31-0001779.001	RICHLAND	GUERNSEY
111	GOLDEN EAGLE RESOURCES, LLC ATTN: CORI WILLETT	700 MARKET STREET SUITE 203	PARKERSBURG	WV	26101	YES	1.0000	2.3183	2.3183	0.2913712%	0.2913712%	09-0000331.001	CENTER	GUERNSEY
112	GOLDEN EAGLE RESOURCES, LLC ATTN: CORI WILLETT	700 MARKET STREET SUITE 203	PARKERSBURG	WV	26101	YES	1.0000	49.1949	49.1949	6.1829700%	6.1829700%	09-0000331.000	CENTER	GUERNSEY
144	ASCENT RESOURCES UTICA, LLC ATTN: KATY CAUDLE	3501 N.W. 63RD STREET	OKLAHOMA CITY	OK	73116	YES	1.0000	0.2372	0.2372	0.0298120%	0.0238496%	09-0000133.000	CENTER	GUERNSEY
145	ASCENT RESOURCES UTICA, LLC ATTN: KATY CAUDLE	3501 N.W. 63RD STREET	OKLAHOMA CITY	OK	73116	YES	1.0000	0.2000	0.2000	0.0251366%	0.0201083%	09-0000175.000	CENTER	GUERNSEY
146	ASCENT RESOURCES UTICA, LLC ATTN: KATY CAUDLE	3501 N.W. 63RD STREET	OKLAHOMA CITY	OK	73116	YES	1.0000	0.2000	0.2000	0.0251366%	0.0201083%	09-0000132.000	CENTER	GUERNSEY
147	ASCENT RESOURCES UTICA, LLC ATTN: KATY CAUDLE	3501 N.W. 63RD STREET	OKLAHOMA CITY	OK	73116	YES	1.0000	0.2000	0.2000	0.0251366%	0.0201083%	09-0000312.000	CENTER	GUERNSEY
148	ASCENT RESOURCES UTICA, LLC ATTN: KATY CAUDLE	3501 N.W. 63RD STREET	OKLAHOMA CITY	OK	73116	YES	1.0000	0.1810	0.1810	0.0227487%	0.0181989%	09-0000271.000	CENTER	GUERNSEY
149	ASCENT RESOURCES UTICA, LLC ATTN: KATY CAUDLE	3501 N.W. 63RD STREET	OKLAHOMA CITY	OK	73116	YES	1.0000	0.2125	0.2125	0.0267077%	0.0213661%	09-0000274.000	CENTER	GUERNSEY
150	ASCENT RESOURCES UTICA, LLC ATTN: KATY CAUDLE	3501 N.W. 63RD STREET	OKLAHOMA CITY	OK	73116	YES	1.0000	0.1700	0.1700	0.0213661%	0.0170929%	09-0000313.000	CENTER	GUERNSEY
151	ASCENT RESOURCES UTICA, LLC ATTN: KATY CAUDLE	3501 N.W. 63RD STREET	OKLAHOMA CITY	OK	73116	YES	1.0000	0.1400	0.1400	0.0175956%	0.0140765%	09-0000275.000	CENTER	GUERNSEY
152	ASCENT RESOURCES UTICA, LLC ATTN: KATY CAUDLE	3501 N.W. 63RD STREET	OKLAHOMA CITY	OK	73116	YES	1.0000	0.1500	0.1500	0.0188525%	0.0150820%	09-0000276.000	CENTER	GUERNSEY
Total Uncommitted Acres:										71.7398				
Total Unit Acres:										795.6516				
Total Uncommitted Acres:										71.7398				
Total Unit Acres:										795.6516				

Exhibit D

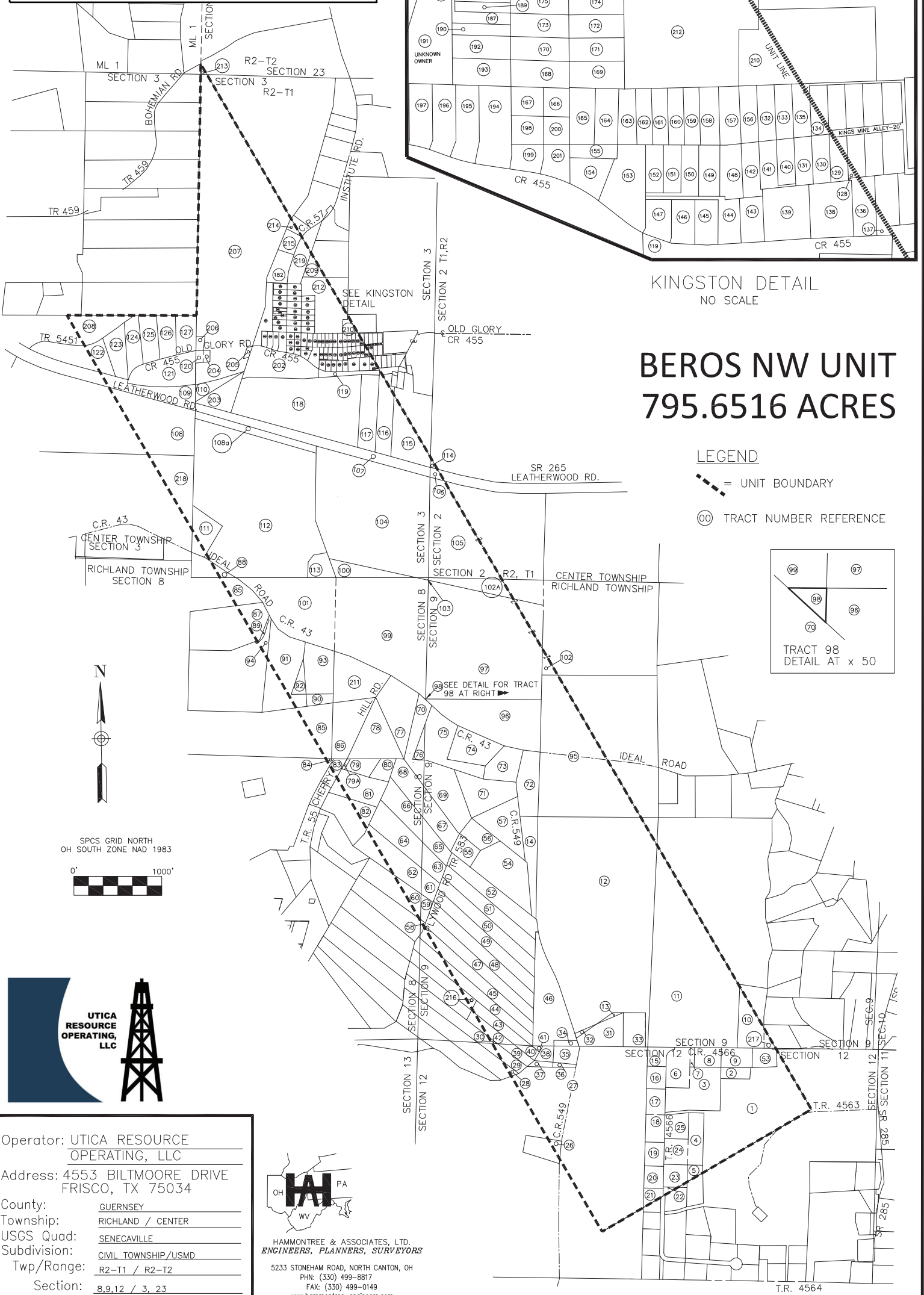
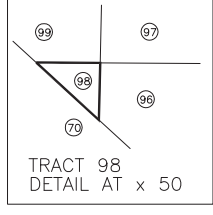


KINGSTON DETAIL
NO SCALE

BEROS NW UNIT 795.6516 ACRES

LEGEND

- = UNIT BOUNDARY
- TRACT NUMBER REFERENCE



SPCS GRID NORTH
OH SOUTH ZONE NAD 1983



Operator: UTICA RESOURCE OPERATING, LLC
 Address: 4553 BILTMORE DRIVE FRISCO, TX 75034
 County: GUERNSEY
 Township: RICHLAND / CENTER
 USGS Quad: SENECAVILLE
 Subdivision: CIVIL TOWNSHIP/USMD
 Twp/Range: R2-T1 / R2-T2
 Section: 8,9,12 / 3, 23

HAMMONTREE & ASSOCIATES, LTD.
 ENGINEERS, PLANNERS, SURVEYORS
 5233 STONEHAM ROAD, NORTH CANTON, OH
 PH: (330) 499-8817
 FAX: (330) 499-0149
 www.hammontree-engineers.com

BEROS NW UNIT

TRACT	PARCEL	UNIT ACREAGE
1	31-0002562.027	33.4058
2	31-0002562.030	0.5805
3	31-0002562.031	5.6880
4	31-0002562.000	2.4230
5	31-0002562.035	0.9870
6	31-0002562.010	2.3680
7	31-0002562015	0.2010
8	31-0002562.004	1.2420
9	31-0002562.002	1.4430
10	31-0002938.000	3.3042
11	31-0002937.000	33.0005
12	31-0002419.000	67.1815
13	31-0002420.001	0.1820
14	31-0000165.000	1.3600
15	31-0002562.025	1.0580
16	31-0002562.026	1.1550
17	31-0002562.005	1.3250
18	31-0002562.006	1.4320
19	31-0002562.023	1.2400
20	31-0002562.020	1.1600
21	31-0002562.021	0.6457
22	31-0002562.013	0.0533
23	31-0002562.003	1.5000
24	31-0002562.016	1.7050
25	31-0002562.007	1.5840
26	31-0002689.000	0.3795
27	31-0002689.002	45.1087
28	31-0002813.002	0.2065
29	31-0002813.001	1.0965
30	31-0002828.005	0.5730
31	31-0002420.000	3.2180
32	31-0002491.004	0.1820
33	31-0002419.002	2.2950
34	31-0002419.001	0.4380
35	31-0002690.000	1.2970
36	31-0002689.001	0.2750
37	31-0002689.003	0.4120
38	31-0002690.001	0.7360
39	31-0002813.005	0.8890
40	31-0002813.004	0.5320
41	31-0002813.003	0.1040
42	31-0002828.015	0.9482
43	31-0002828.009	2.0079
44	31-0002828.008	3.3164
45	31-0002828.007	4.4727
46	31-0002149.003	8.2600
47	31-0002828.012	5.0000
48	31-0002828.013	5.0000
49	31-0002828.011	5.0000
50	31-0002828.010	5.0000
51	31-0002828.004	5.0000
52	31-0002828.003	5.0000
53	31-0002562.001	1.2600
54	31-0002559.001	7.5660
55	31-0002322.000	1.6330
56	31-0002559.000	1.7710
57	31-0002560.000	5.0000
58	31-0002828.002	0.0598
59	31-0002828.001	0.6450

TRACT	PARCEL	UNIT ACREAGE
60	31-0002879.001	1.1245
61	31-0002829.000	0.9750
62	31-0002823.000	3.7132
63	31-0002827.000	1.4160
64	31-0002821.000	4.4860
65	31-0002825.000	1.9630
66	31-0002819.000	3.8910
67	31-0002572.000	2.8720
68	31-0002568.000	3.0120
69	31-0002336.000	5.5990
70	31-0002334.000	3.1570
71	31-0002497.000	5.0000
72	31-0002591.000	4.1220
73	31-0001728.000	3.0500
74	31-0001614.000	4.1090
75	31-0002320.000	5.0680
76	31-0002324.000	0.9320
77	31-0002879.011	5.2850
78	31-0002879.010	5.2500
79	31-0000399.000	1.2260
79A	31-0000399.000	0.1000
80	31-0002798.001	1.1700
81	31-0000305.001	3.4541
82	31-0002798.000	1.0211
83	31-0000100.000	0.5405
84	31-0002873.000	0.0819
85	31-0003071.000	5.5220
86	31-0002594.001	5.0000
87	31-0003073.000	2.1062
88	09-0000091.000	0.4331
89	31-0003072.001	0.1445
90	31-0002580.001	0.9000
91	31-0002579.000	5.5836
92	31-0002579.001	0.9000
93	31-0002580.000	4.1000
94	31-0003072.000	0.7695
95	31-0000299.000	25.2370
96	31-0001777.000	12.1880
97	31-0001775.000	34.9156
98	31-0001781.000	0.0310
99	31-0001779.000	25.7268
100	09-0000344.000	1.4342
101	31-0002440.000	13.0300
102	31-0000299.001	0.6353
102A	31-0000299.001	2.5019
103	31-0001779.001	0.1330
104	09-0000344.001	39.8620
105	09-0000067.000	12.0840
106	09-0000508.000	0.3328
107	09-0000509.000	6.9750
108	09-0000444.001	9.5450
108a	09-0000444.001	2.8970
109	09-0000444.003	4.1584
110	09-0000510.000	1.2900
111	09-0000331.001	2.3183
112	09-0000331.000	49.1949
113	09-0000340.000	1.5950

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 Subdivision: CIVIL TOWNSHIP/USMD
 Twp/Range: R2-T1 / R2-T2
 Section: 8,9,12 / 3, 23



BEROS NW UNIT

TRACT	PARCEL	UNIT ACREAGE
114	09-000048.000	0.1162
115	09-0000375.000	4.2787
116	09-0000084.000	3.4694
117	09-0000085.000	4.0630
118	09-0000136.000	20.2760
119	09-0000507.000	0.8750
120	09-0000096.000	0.2500
121	09-0000444.002	5.3760
122	09-0000421.000	1.5424
123	09-0000422.000	2.6980
124	09-0000423.000	2.4740
125	09-0000424.000	2.5570
126	09-0000425.000	2.3660
127	09-0000426.000	2.3260
128	09-0000295.000	0.0217
129	09-0000294.000	0.1182
130	09-0000293.000	0.1561
131	09-0000292.000	0.1557
132	09-0000284.000	0.1600
133	09-0000283.000	0.1600
134	09-0000281.000	0.0578
135	09-0000282.000	0.1652
136	09-0000138.000	0.2083
137	09-0000098.000	0.0429
138	09-0000083.000	0.4360
139	09-0000153.000	0.4360
140	09-0000273.000	0.1484
141	09-0000272.000	0.1618
142	09-0000303.000	0.1790
143	09-0000184.000	0.2000
144	09-0000133.000	0.2372
145	09-0000175.000	0.2000
146	09-0000132.000	0.2000
147	09-0000312.000	0.2000
148	09-0000271.000	0.1810
149	09-0000274.000	0.2125
150	09-0000313.000	0.1700
151	09-0000275.000	0.1400
152	09-0000276.000	0.1500
153	09-0000131.000	0.4000
154	09-0000472.000	0.2080
155	09-0000095.000	0.1200
156	09-0000288.000	0.1815
157	09-0000289.000	0.2174
158	09-0000253.000	0.2000
159	09-0000242.000	0.1600
160	09-0000241.000	0.1600
161	09-0000245.000	0.1600
162	09-0000244.000	0.1600
163	09-0000243.000	0.2049
164	09-0000255.000	0.2700
165	09-0000256.000	0.2700
166	09-0000260.000	0.1400
167	09-0000261.000	0.1715
168	09-0000263.000	0.2873
169	09-0000257.000	0.2754

TRACT	PARCEL	UNIT ACREAGE
170	09-0000251.000	0.2504
171	09-0000258.000	0.2400
172	09-0000259.000	0.2400
173	09-0000262.000	0.2504
174	09-0000269.000	0.2400
175	09-0000291.000	0.2819
176	09-0000268.000	0.2885
177	09-0000290.000	0.3300
178	09-0000301.000	0.2400
179	09-0000302.000	0.2506
180	09-0000300.000	0.2506
181	09-0000299.000	0.2819
182	09-0000035.000	1.6400
183	09-0000249.000	0.2381
184	09-0000248.000	0.2381
185	09-0000247.000	0.3069
186	09-0000250.000	0.2885
187	09-0000265.000	0.1690
188	09-0000266.000	0.1334
189	09-0000264.000	0.1045
190	09-0000267.000	0.1252
191	09-UNRECORDED	1.6542
192	09-0000252.000	0.2504
193	09-0000279.000	0.2874
194	09-0000277.000	0.4864
195	09-0000278.000	0.3296
196	09-0000286.000	0.2955
197	09-0000287.000	0.2691
198	09-0000285.000	0.1568
199	09-0000144.000	0.1699
200	09-0000254.000	0.1300
201	09-0000310.000	0.1762
202	09-0000004.000	5.4557
203	09-0000135.000	2.7200
204	09-0000007.000	0.2500
205	09-0000056.000	0.1670
206	09-0000097.000	0.3700
207	09-0000164.000	55.2337
208	09-0000419.000	3.4354
209	09-0000382.000	0.8433
210	09-0000148.000	0.3425
211	31-0002594.000	6.2260
212	09-0000381.000	4.8486
213	08-0000418.000	0.0913
214	09-0000059.000	0.2546
215	09-0000058.000	1.1390
216	31-0002828.016	0.3365
217	31-0002449.000	0.3766
218	09-0000134.000	5.1873
219	09-0000476.000	1.9600

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