

**STATE OF OHIO
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS RESOURCES MANAGEMENT**

| | | |
|--|---|---------------------------------|
| In re the Matter of the Application of | : | |
| Chesapeake Exploration, L.L.C., for | : | |
| Unit Operation | : | Application Date: July 21, 2015 |
| | : | Updated: September 24, 2015 |
| <u>GND Trust South Unit</u> | : | |

**APPLICATION OF CHESAPEAKE EXPLORATION, L.L.C.,
FOR UNIT OPERATION**

R. Neal Pierce (0028379)
Katerina E. Milenkovski (0063314)
STEPTOE & JOHNSON PLLC
Huntington Center
41 South High Street, Suite 2200
Columbus, Ohio 43215

Attorneys for Applicant,
Chesapeake Exploration, L.L.C.

TABLE OF CONTENTS

APPLICATION

I. APPLICANT INFORMATION.....1

II. PROJECT DESCRIPTION.....2

III. TESTIMONY3

IV. THE CHIEF SHOULD GRANT AN ORDER FOR THIS APPLICATION.....3

 A. Legal Standard3

 B. Chesapeake’s Application Meets the Legal Standard.....7

 i. *The Unitized Formation is Part of a Pool*7

 ii. *Unit Operations Are Reasonably Necessary to Increase Substantially the Ultimate Recovery of Oil and Gas*7

 iii. *The Value of Additional Recovery Exceeds Its Additional Costs*8

 iv. *The Unit Plan Meets the Requirements of Ohio Revised Code § 1509.28*.....8

V.

APPROVALS9

VI. HEARING.....9

VII. CONCLUSION.....9

EXHIBITS

Exhibit 1 Unit Agreement

Exhibit 2 Unit Operating Agreement

Exhibit 3 Prepared Direct Testimony of Travis Glauser, Staff Geologist (“Geologist”)

Exhibit 4 Prepared Direct Testimony of Drew Hopson, Reservoir Engineer II (“Reservoir Engineer”)

Exhibit 5 Prepared Direct Testimony of Robert Highsaw, Landman II (“Landman”)

Exhibit 6 Working Interest Owner Approvals

Exhibit 7 Adjacent Wells and Units

**STATE OF OHIO
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS RESOURCES MANAGEMENT**

In re the Matter of the Application of :
Chesapeake Exploration, L.L.C., for :
Unit Operation :
 :
GND Trust South Unit :

APPLICATION

Pursuant to Ohio Revised Code Section 1509.28, Chesapeake Exploration, L.L.C. (“Chesapeake”), hereby respectfully requests the Chief of the Ohio Department of Natural Resources’ Division of Oil and Gas Resources Management (“Division”) to issue an order authorizing Chesapeake to operate the Unitized Formation and applicable land area in Jefferson County, Ohio (hereinafter, the “GND Trust South Unit”) as a unit according to the Unit Plan attached hereto and as more fully described herein. Chesapeake makes this request for the purpose of substantially increasing the ultimate recovery of oil and natural gas, including related liquids, from the Unitized Formation, and to protect the correlative rights of unit owners, consistent with the public policy of Ohio to conserve and develop the state’s natural resources and prevent waste.

**I.
APPLICANT INFORMATION**

Chesapeake Exploration, L.L.C., is a limited liability company organized under the laws of the State of Oklahoma and a wholly-owned subsidiary of Chesapeake Energy Corporation. Chesapeake has its principal office in Oklahoma City, Oklahoma, and local offices at 2321 Energy Drive, Louisville, OH 44641. Chesapeake is one of the most active drillers of horizontal wells in Northeast Ohio and is registered in good standing as an “owner” with the Division.

Chesapeake designates to receive service, and respectfully requests that all orders, correspondence, pleadings and documents from the Division and other persons concerning this filing be served upon, the following:

R. Neal Pierce (0028379)
Katerina E. Milenkovski (0063314)
Steptoe & Johnson PLLC
Huntington Center
41 South High Street, Suite 2200
Columbus, Ohio 43215
Tel. (614) 221-5100
Email: neal.pierce@steptoe-johnson.com
kathy.milenkovski@Steptoe-Johnson.com

Robert S. Highsaw
Landman II – Appalachia South
Chesapeake Energy Corporation
6100 N. Western Avenue
P.O. Box 18496
Oklahoma City, Oklahoma 73154-0496
Tel. (405) 935-2289
Email: robert.highsaw@chk.com

Serena Evans
Land Director, Utica
Ascent Resources – Utica, LLC
301 NW 63rd Street, Suite 600
Oklahoma City, OK 73116
Tel. (405) 418-8021
Email: serena.evans@aep-lp.com

II. PROJECT DESCRIPTION

The GND Trust South Unit is located in Jefferson County, Ohio, and consists of seventy-eight (78) separate tracts of land. See Exhibits A-1 and A-2 of the Unit Operating Agreement (showing the plat and tract participations, respectively). The total land area in the GND Trust South Unit is approximately 843.003882 acres and, at the time of this Application, Chesapeake and Ascent Resources – Utica, LLC have the right to drill on and produce from 830.240884¹ acres of the proposed unit – i.e., more than ninety-eight percent (98%) of the unit area, above the sixty-five percent (65%) threshold required by Ohio Revised Code § 1509.28.² If the Ohio Dormant Mineral Act (ORC § 5301.56 Eff. 3-22-1992) is adjudicated to not result in automatic abandonment of severed mineral interests to the surface owner, Chesapeake and Ascent Resources – Utica, LLC have the right to drill on and produce from 695.248237 acres or approximately eighty-two percent (82%) of the unit area, still above the sixty-five percent (65%) threshold required by Ohio Revised Code § 1509.28.³ As more specifically described herein, Chesapeake seeks authority to drill and complete one or more horizontal wells in the Unitized Formation from a single well pad located offset on the northeast corner of the Unit to efficiently test, develop, and operate the Unitized Formation for oil, natural gas, and related liquids production.

Chesapeake's plan for unit operations (the "Unit Plan") is attached to this Application and consists of the Unit Agreement, attached as Exhibit 1; and the Unit Operating Agreement, attached as Exhibit 2. Among other things, the Unit Plan allocates unit production and expenses based upon each tract's surface acreage participation in the unit; includes a carry provision for those unit participants unable to meet their financial obligations, the amount of which is based upon the risks of and costs related to the project; and conforms to industry standards for the drilling and operating of horizontal wells generally used by the Applicant with other interest owners.

¹ Chesapeake Exploration, LLC, as Operator, is authorized to file this application on behalf of TOTAL E&P USA, Inc. and CHK Utica, LLC as other working interest owners in this acreage. As of the date of this application, ARU has indicated that it would prefer to trade its working interest in the GND Trust South Unit to Chesapeake for like acreage in Jefferson County. A copy of ARU's WI Approval is attached as Exhibit 6.

² See Prepared Direct Testimony of Robert S. Highsaw at 2, attached as Exhibit 5.

³ Id. at 2.

III. TESTIMONY

The following pre-filed testimony has been attached to the Application supporting the GND Trust South Unit's formation: (i) testimony from a Geologist establishing that the Unitized Formation is part of a pool and supporting the Unit Plan's recommended allocation of unit production and expenses on a surface acreage basis;⁴ (ii) testimony from a Reservoir Engineer establishing that unitization is reasonably necessary to increase substantially the recovery of oil and gas, and that the value of the estimated additional resource recovery from unit operations exceeds its additional costs;⁵ and (iii) testimony from an operational Landman with firsthand knowledge of Chesapeake's Ohio development who describes the project generally, the Unit Plan, efforts to lease unleased owners, and the approvals received for unit development.^{6,7}

IV. THE CHIEF SHOULD GRANT AN ORDER FOR THIS APPLICATION

A. Legal Standard

Ohio Revised Code § 1509.28 requires the Chief of the Division to issue an order providing for the unit operation of a pool – or a part thereof – when the applicant shows that it is reasonably necessary to increase substantially the ultimate recovery of oil and gas, and the value of the estimated additional resource recovery from the unit's operations exceeds its additional costs. See Ohio Rev. Code § 1509.28(A).

The Chief's order must be on terms and conditions that are just and reasonable and prescribe a plan for unit operations. See Ohio Rev. Code § 1509.28(A). Chesapeake proposes the following conditions for its operation of the GND Trust South Unit that will satisfy the statutory requirements set forth below:

(1) A description of the unit area.

See the above section on "PROJECT DESCRIPTION."

(2) A statement of the nature of the contemplated operations.

Chesapeake anticipates drilling three (3) wells from a pad location located in the northeast area of the GND Trust South Unit for the purpose of recovering oil and gas. Drilling operations in the Unit will commence within twelve (12) months from the date of approval of the Division's Unitization Order. Notwithstanding any unforeseen developments, in Q4 of 2016, at the latest, Chesapeake intends to drill the initial

⁴ See Prepared Direct Testimony of Travis Glauser, attached as Exhibit 3.

⁵ See Prepared Direct Testimony of Drew Hopson, attached as Exhibit 4.

⁶ See Prepared Direct Testimony of Robert Highsaw, attached as Exhibit 5.

⁷ Each of the witnesses is an employee of Chesapeake Energy Corporation, testifying on behalf of the Applicant, its wholly-owned subsidiary, Chesapeake Exploration, L.L.C., which operates Chesapeake's Ohio wells.

well within the GND Trust South Unit. Thereafter, Chesapeake plans to drill the two (2) subsequent wells within four (4) years from the completion of the initial well.⁸

(3) An allocation of production from the unit area not used in unit operations, or otherwise lost, to the separately owned tracts.

Chesapeake's geology testimony illustrates that the Utica/Point Pleasant Formation uniformly underlies the Unit Area.⁹ Therefore, the value of each separate tract in the Unit Area shall be determined by calculating the ratio of its surface acreage to the total surface acreage of the Unit Area; this is known as "Unit Participation". The allocated share of production to each separate tract shall be equal to its Unit Participation.

(4) A provision addressing credits and charges to be made for the investment in wells, tanks, pumps, and other equipment contributed to unit operations by owners in the unit.

Owners in the Unit Area are responsible for their pro rata share of these credits and charges based upon their total Unit Participation within the Unit Area.

(5) A provision addressing how unit operation expenses shall be determined and charged to the separately owned tracts in the unit, and how they will be paid.

Expenses related to unit operations shall be charged to owners on a pro rata basis based upon their Unit Participation. These charges shall be just and reasonable.

(6) A provision, if necessary, for carrying someone unable to meet their financial obligations in connection with the unit.

Chesapeake will carry, or otherwise finance, an owner who is unable to meet its financial obligations in connection with unit operations. Chesapeake shall comply with the Unit Agreement and Unit Operating Agreement included in the subject unitization application should enactment of this provision become necessary.

(7) A provision for the supervision and conduct of unit operations in which each person has a vote with a value corresponding to the percentage of unit operations expenses chargeable against that person's interest.

Chesapeake, or its successors in interest, shall supervise and conduct all unit operations. Each working interest owner in the Unit Area shall have a voting interest equal to its Unit Participation. If the operator owns fifty-one percent (51%) or more of the Unit Area, unit operations shall not require an affirmative vote of all working interest owners. Otherwise, no unit operation shall be approved without an affirmative vote of at least fifty-one percent (51%) of the combined voting interest of the working interest owners.

(8) The time when operations shall commence and the manner in which, and circumstances under which, unit operations will terminate.

Unit operations may commence as of 7:00 a.m. on the day following the effective date of the Order, when and if one is issued by the Division, and may continue as long as oil and/or gas are produced. Working interest owners comprising at least fifty-one percent (51%) of the working interest owners in the Unit Area may terminate unit operations whenever they determine unit operations are no longer warranted. If unit operations are so terminated, Chesapeake shall provide written notice of the termination to the Division and to all unitized non-consenting working interest owners, as further defined in 9(b)(ii). In the event that termination of unit operations occurs prior to drilling and completing for production three (3) wells in the GND Trust South Unit, the Chief may issue an order reducing the Unit Area to the minimum amount of acreage necessary to support those wells that have been drilled and are producing.

⁸ Exhibit 5 at 5.

⁹ Exhibit 3 at 2-3.

(9) Such other provisions appropriate for engaging in unit operation and for the protection or adjustment of correlative rights.

Chesapeake proposes the following as additional provisions:

(a) No activity associated with the drilling, completion, or operation of the GND Trust South Unit shall be conducted on the surface of any unleased property without prior written consent of the landowner.

(b) If an Order is granted, Chesapeake shall present Unitized parties who are unleased mineral owners with the option to:

(i) lease their minerals to Chesapeake for a seventeen and one half percent (17.5%) royalty rate on production, and a lease bonus payment of two thousand dollars (\$2,000) per net mineral acre. This lease option shall be for a non-surface use lease, meaning that Chesapeake shall not use the surface of the mineral owner's property without separate prior written consent by the mineral owner; or

(ii) participate in unit operations as a non-consenting working interest owner. The mineral owner shall receive a monthly cash payment equal to a one-eighth (1/8) landowner royalty interest calculated on gross revenues. The one-eighth (1/8) royalty interest shall be calculated based on the Unit Participation of the mineral owner's tract. Chesapeake shall make the royalty payment contemporaneously with those it makes to leased individuals within the Unit Area. In addition to the royalty payment, the non-consenting working interest owner shall have a working interest ownership in the well equal to seven-eighths (7/8) of the Unit Participation of his/her tract. This seven-eighths of his/her Unit Participation shall accrue based upon net production revenue until Chesapeake recovers 200% of the cost of drilling, testing, completing, and producing the initial well. Once Chesapeake recovers 200% of these costs, Chesapeake shall begin making monthly payments on net production revenue for that well equal to seven-eighths (7/8) of the non-consenting working interest owner's Unit Participation, while continuing the one-eighth (1/8) royalty interest in the well for the unitized party. For any subsequent wells drilled in the Unit Area, seven-eighths (7/8) of the non-consenting working interest owner's Unit Participation shall accrue until Chesapeake has recovered 150% of the cost of drilling, testing, completing, and producing the subsequent wells. Once Chesapeake recovers 150% of these costs, Chesapeake shall begin making monthly payments on net production revenue for the subsequent wells equal to seven-eighths (7/8) of the non-consenting working interest owner's Unit Participation, while continuing the one-eighth (1/8) royalty interest in the well for the unitized party. Once a specific cost is charged to a well, that same cost cannot be charged to the subsequent wells in the Unit Area.

(iii) Chesapeake shall present these options via certified mail. Should the Unitized Party not make an affirmative selection as to one of the two options, the Unitized Party will be deemed to have selected option 9(b)(i) to lease their tract under the terms of the lease form attached as Exhibit "B" to Exhibit 2 of this Application.

(c) If an Order is granted, Chesapeake shall present Unitized parties who are non-operator lessees with the option to:

(i) participate in unit operations by agreeing to pay such owner's proportionate part of the actual cost of such development and operation of the unit; or

(ii) participate in unit operations as a non-consenting working interest owner. The non-consenting working interest owner shall have a working interest ownership in the well equal to eight-eighths (8/8) of the Unit Par-

ticipation per tract. This eight-eighths of Unit Participation shall accrue based upon net production revenue until Chesapeake recovers 500% of the cost of drilling, testing, completing, and producing the initial well. Once Chesapeake recovers 500% of these costs, Chesapeake shall begin making monthly payments on net production revenue for that well equal to eight-eighths (8/8) of the non-consenting working interest owner's Unit Participation. For any subsequent wells drilled in the Unit Area, eight-eighths (8/8) of the non-consenting working interest owner's Unit Participation shall accrue until Chesapeake has recovered 500% of the cost of drilling, testing, completing, and producing the subsequent wells. Once Chesapeake recovers 500% of these costs, Chesapeake shall begin making monthly payments on net production revenue for the subsequent wells equal to eight-eighths (8/8) of the non-consenting working interest owner's Unit Participation. Once a specific cost is charged to a well, that same cost cannot be charged to the subsequent wells in the Unit Area.

(iii) Chesapeake shall present these options via certified mail. Should the Unitized Party not make an affirmative selection as to one of the two options, the Unitized Party will be deemed to have selected option 9(c)(ii) and shall relinquish its interest subject to the risk factor noted in 9(c)(ii).

(d) Unitized parties shall not incur liability for any personal or property damage associated with any drilling, testing, completing, producing, operating, or plugging activities within the GND Trust South Unit.

(e) If requested by an unleased mineral owner selecting option 9(b)(ii) above, or by the Division, Chesapeake shall provide, not later than thirty (30) days after receipt of the request, any of the following:

(i) A statement for the preceding month, covering all wells then in production within the Unit Area, depicting all costs incurred, together with the quantity of oil and gas produced, and the amount of proceeds realized from the sale of production during said preceding month; and

(ii) Any authorization for expenditure (AFE) prepared by Chesapeake; and

(iii) A statement of all costs and expenses for purposes of above Paragraph 9(b)(ii).

(10) The Order will become effective when Chesapeake provides the Chief with final written approval of the unit operations from sixty-five percent (65%) of the working interest owners in the Unit Area, and sixty-five percent (65%) of the royalty interest owners in the Unit Area. Upon receipt of these approvals, the Order shall become effective, and unit operations may commence as set forth above. Chesapeake will have six (6) months to provide these required approvals, and, if it does not do so, the Order will be deemed revoked, and the Chief shall provide notice of the revocation to Chesapeake and the unleased mineral interest owners in the Unit Area.

(11) Within twenty-one (21) days of the Order becoming effective, Chesapeake will file a copy of the Order with the Jefferson County Recorder's Office.

(12) Chesapeake requests that its Unit Agreement and Unit Operating Agreement are adopted by the Order. In the event of a conflict between the Plan for Unit Operations approved by the Chief and contained in the Order, and Chesapeake's Unit Agreement and Unit Operating Agreement, the Order shall take precedence and the Unit Agreement and Unit Operating Agreement shall conform to the Order.

B. Chesapeake's Application Meets the Legal Standard

i. *The Unitized Formation is Part of a Pool*

The “Unitized Formation” consists of the subsurface portion of the Unit Area (i.e., the lands shown on Exhibit A-1 and identified in Exhibit A-2 to the Unit Operating Agreement) at a depth located from fifty feet above the top of the Utica Shale to fifty feet below the base of the Point Pleasant formation, and frequently referred to as the Utica/Point Pleasant formation. The evidence presented in this Application establishes that the Unitized Formation is part of a pool and thus an appropriate subject of unit operation under Ohio Rev. Code § 1509.28.¹⁰ Additionally, that evidence establishes that the Unitized Formation is likely to be reasonably uniformly distributed throughout the Unit Area – and thus that it is reasonable for the Unit Plan to allocate unit production and expenses to separately owned tracts on a surface acreage basis.¹¹

ii. *Unit Operations Are Reasonably Necessary to Increase Substantially the Ultimate Recovery of Oil and Gas*

The evidence presented in this Application establishes that unit operations are reasonably necessary to increase substantially the ultimate recovery of oil and gas from the lands making up the GND Trust South Unit. The Unit Plan contemplates the drilling of three (3) horizontal wells from a single well pad, all with estimated lateral lengths of approximately 10,820-10,822 feet.¹² Chesapeake estimates the total amount of gas in place (“GIP”) through the planned unit development is approximately 87.9 billion cubic feet equivalent (“BCFE”) of natural gas from the Unitized Formation, of which 52.8 BCFE is currently developable when considering regulatory setbacks.¹³ Absent unit development contemplated in the unitized project, the recoverable GIP is substantially less: First, the evidence shows that it is unlikely that vertical development of the unit would ever take place because it is likely to be uneconomic – resulting in potentially no resource recovery from portions of the Unitized Formation.¹⁴ Second, avoiding unleased tracts by relying on shorter horizontal laterals to develop the Unitized Formation underlying the GND Trust South Unit would result in a substantially lower ultimate recovery of oil and gas, as it would strand 52.8 BCFE, or 100% of recoverable gas in this instance.¹⁵ Natural gas recovery from horizontal drilling methods is directly related to the length of the lateral. Chesapeake esti-

¹⁰ A “pool” is defined under Ohio law as “an underground reservoir containing a common accumulation of oil or gas, or both, but does not include a gas storage reservoir.” Ohio Rev. Code § 1509.01(E). See also Exhibit 3 at 2-3.

¹¹ Exhibit 3 at 4-5.

¹² See, e.g., Exhibit 5 at 5.

¹³ Exhibit 4 at 2. We emphasize that these are only estimates, and like the rest of the estimates set forth in this Application, they should be treated as simply estimates based upon the best information available at the time.

¹⁴ *Id.* at 3.

¹⁵ *Id.* at 4-5.

mates the Anticipated Gas Recovery will increase from 0.00 BCFE to 52.8 BCFE if the unit is developed utilizing the proposed unit development.¹⁶

The evidence thus shows that the contemplated unit operations are reasonably necessary to increase substantially the recovery of oil and gas from the Unitized Formation.¹⁷

iii. *The Value of Additional Recovery Exceeds Its Additional Costs*

Capital expenditure (“CAPEX”) to develop the unitized project (\$32.4 mm) increases by \$32.4 mm over CAPEX to develop the non-unitized project (\$0.00 mm) which would not be developed.¹⁸ As set forth in Mr. Hopson’s testimony, by using the current price of \$3.390 per thousand cubic feet of natural gas, Chesapeake estimates that the value of the additional future cash flow from the unitized project, when compared to the cash flow generated by the non-unitized project, increases from \$0.00 mm to \$83.5 mm; an increase of \$83.5 mm in potential value.¹⁹ As expressed in Mr. Hopson’s testimony, it is realistic to expect a recovery factor range from 30% to 70% in this area, while the GND Trust South Unit itself is estimated to yield a 62% recovery factor.²⁰ Thus, the evidence establishes that the value of the estimated additional recovery is expected to exceed the estimated additional costs incident to conducting unit operations.

iv. *The Unit Plan Meets the Requirements of Ohio Revised Code § 1509.28*

The Unit Plan proposed by Chesapeake meets the requirements set forth in Ohio Revised Code § 1509.28. The unit area is described in the Unit Agreement at Article 1, as well as on Exhibits A-1 and A-2 to the Unit Operating Agreement. The nature of the contemplated unit operations can be found generally in the Unit Agreement at Article 3, with greater specificity throughout the Unit Agreement and Unit Operating Agreement.²¹ Unit production and unit expenses are allocated on a surface acreage basis as set forth in the Unit Agreement at Articles 3 through 5 (generally), except where otherwise allocated by the Unit Operating Agreement.²² Payment of unit expenses is addressed generally in Article 3 of the Unit Agreement.²³ No provision for cred-

¹⁶ *Id.* at 4.

¹⁷ There are also substantial benefits in the form of reduced surface impacts as a result of the contemplated unit operations. For example, the use of a single, centrally-located well pad to drill, for instance, six eventual horizontal wells causes significantly less surface disruption than a vertical well drilling program designed to recover the same resource volumes. *See, e.g., Exhibit 5* at 6-7.

¹⁸ *Exhibit 4* at 3.

¹⁹ *Exhibit 4* at 4.

²⁰ *Id.* at 4.

²¹ *See also, e.g., Exhibit 5* at 6-13.

²² *Id.* at 6-8.

²³ *Id.* at 8.

its and charges related to contributions made by owners in the unit area regarding wells, tanks, pumps and other equipment for unit operations are addressed in the Unit Operating Agreement because none are contemplated.²⁴ The Unit Plan provides for various carries in the event a participant is unable to meet its financial obligations related to the unit – see, e.g., Article VI of the Unit Operating Agreement.²⁵ Voting provisions related to the supervision and conduct of unit operations are set forth in Article XVI of the Unit Operating Agreement, with each person having a vote that has a value corresponding to the percentage of unit expenses chargeable against that person’s interest.²⁶ Commencement and termination of operations are addressed in Articles 11 and 12 of the Unit Agreement.

V. APPROVALS

As of the filing of this Application, the Unit Plan has been agreed to or approved by up to approximately ninety-eight percent (98%), but no less than approximately eighty-two (82%) of Working Interest Owners. See Exhibit 5 at 14, and Exhibit 6. This working interest owner approval exceeds the statutory minimum requirements set forth in Ohio Revised Code § 1509.28(B) for the Chief’s order, if issued, to become effective.

VI. HEARING

Ohio Revised Code § 1509.28 requires the Chief to hold a hearing to consider this Application, when requested by sixty-five percent (65%) of the owners of the land area underlying the proposed unit. Ohio Rev. Code § 1509.28(A). That threshold level is met here. See Note 2 above. Accordingly, Chesapeake respectfully requests that the Division schedule a hearing at an available hearing room located at the Division’s Columbus complex on or before November 18, 2015, to consider the Application filed herein.

VII. CONCLUSION

Ohio Revised Code § 1509.28 requires the Chief of the Division to issue an order for the unit operation of a pool – or a part thereof – if it is reasonably necessary to increase substantially the recovery of oil and gas, and the value of the estimated additional recovery from the unit’s operations exceeds its additional costs. Chesapeake respectfully submits that the Application meets this standard, and that the terms and conditions of the Unit Plan are just and reasonable

²⁴ *Id.* at 10.

²⁵ *Id.* at 11.

²⁶ *Id.* at 12-13.

and satisfy the requirements of Ohio Revised Code § 1509.28(B). Chesapeake therefore asks the Chief to issue an order authorizing Chesapeake to operate the GND Trust South Unit according to the Unit Plan attached hereto.

Respectfully submitted,

/s/ Kathy Milenkovski

R. Neal Pierce (0028379)
Katerina E. Milenkovski (0063314)
STEPTOE & JOHNSON PLLC
Huntington Center
41 South High Street, Suite 2200
Columbus, Ohio 43215

Attorneys for Applicant,
Chesapeake Exploration, L.L.C.

Exhibit "A-2"
Leases Within the Contract Area

Attached to and made a part of that certain Unit Operating Agreement dated July 21, 2015 afor the GND Trust South Unit.

| TRACT NUMBER | CHESAPEAKE LEASE ID NUMBER | LESSOR | LEASED YES/NO | SURFACE ACRES IN UNIT | TRACT PARTICIPATION | TAX MAP PARCEL ID NUMBERS | TOWNSHIP | COUNTY | STATE | UNIT WORKING INTEREST | CHESAPEAKE WORKING INTEREST | CHESAPEAKE UNIT PARTICIPATION | ARU WORKING INTEREST | ARU UNIT PARTICIPATION | ADDRESS | CITY | STATE | ZIP CODE |
|--------------|----------------------------|--|---------------|-----------------------|---------------------|---------------------------|----------|-----------|-------|-----------------------|-----------------------------|-------------------------------|----------------------|------------------------|--|------------------|-------|----------|
| 1 | 34-001253-000 | JOSEPH F. DEPILLO AND PATRICIA L. DEPILLO | Y | 0.000000 | 0.0000000 | 23-00184-005 | Ross | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 2735 County Road 59 | Bergholz | OH | 43908 |
| 1 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 6.848206 | 0.0081236 | 23-00184-005 | Ross | JEFFERSON | OH | 0.812358% | 100.000000% | 0.812358% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 1 | 34-0002969-001 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 1.369641 | 0.0016247 | 23-00184-005 | Ross | JEFFERSON | OH | 0.162472% | 100.000000% | 0.162472% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 2 | 34-0003013-001 | CHARLES WILLIAM CORDER, SR. AND DIANE L. CORDER | Y | 2.447667 | 0.0029035 | 23-00185-006 | Ross | JEFFERSON | OH | 0.290351% | 100.000000% | 0.290351% | | | P.O. Box 128 | East Springfield | OH | 43925 |
| 2 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 2.039722 | 0.0024196 | 23-00185-006 | Ross | JEFFERSON | OH | 0.241959% | 100.000000% | 0.241959% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 2 | 34-0002966-000 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.407944 | 0.0004839 | 23-00185-006 | Ross | JEFFERSON | OH | 0.048392% | 100.000000% | 0.048392% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 3 | 34-001260-000 | RONALD R. REASONER AND AMY D. REASONER | Y | 0.000000 | 0.0000000 | 23-00184-007 | Ross | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 2617 County Road 59 | Bergholz | OH | 43908 |
| 3 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 10.266489 | 0.0121785 | 23-00184-007 | Ross | JEFFERSON | OH | 1.217846% | 100.000000% | 1.217846% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 3 | 34-0002969-001 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 2.053298 | 0.0024357 | 23-00184-007 | Ross | JEFFERSON | OH | 0.243569% | 100.000000% | 0.243569% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 4 | 34-016550-000 | MICHAEL J. MAJORIS AND TRINITY E. MAJORIS | Y | 0.000000 | 0.0000000 | 23-00184-008 | Ross | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | c/o Joseph F. & Patricia L. DePillo 2735 County Road 59 | Bergholz | OH | 43908 |

| TRACT NUMBER | CHESAPEAKE LEASE ID NUMBER | LESSOR | LEASED YES/NO | SURFACE ACRES IN UNIT | TRACT PARTICIPATION | TAX MAP PARCEL ID NUMBERS | TOWNSHIP | COUNTY | STATE | UNIT WORKING INTEREST | CHESAPEAKE WORKING INTEREST | CHESAPEAKE UNIT PARTICIPATION | ARU WORKING INTEREST | ARU UNIT PARTICIPATION | ADDRESS | CITY | STATE | ZIP CODE |
|--------------|----------------------------|--|---------------|-----------------------|---------------------|---------------------------|----------|-----------|-------|-----------------------|-----------------------------|-------------------------------|----------------------|------------------------|--|--|----------------------------|---|
| 4 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 4.205531 | 0.0049887 | 23-00184-008 | Ross | JEFFERSON | OH | 0.498874% | 100.000000% | 0.498874% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 4 | 34-0002969-001 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.841106 | 0.0009977 | 23-00184-008 | Ross | JEFFERSON | OH | 0.099775% | 100.000000% | 0.099775% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 5 | 34-015528-000 | KEVIN R. BELL | Y | 0.000000 | 0.0000000 | 23-00184-009 | Ross | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 2683 County Road 59 | Bergholz | OH | 43908 |
| 5 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 5.588945 | 0.0066298 | 23-00184-009 | Ross | JEFFERSON | OH | 0.662980% | 100.000000% | 0.662980% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 5 | 34-0002969-001 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 1.117789 | 0.0013260 | 23-00184-009 | Ross | JEFFERSON | OH | 0.132596% | 100.000000% | 0.132596% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 6 | 34-004212-000 | CARYL A. TAYLOR AND FRANK PHILLIPS | Y | 10.112663 | 0.0119960 | 23-00184-013 | Ross | JEFFERSON | OH | 1.199599% | 100.000000% | 1.199599% | | | 9800 North Oklahoma Ave 11761 Welters Way P.O. Box 682 5246 Garnetfield Lane 1399 Victoria Isle Lane | Oklahoma City Eden Prairie Mercer Island Katy Weston | OK MN WA TX FL | 73114 55347 98040 77494 33327 |
| 7 | 34-001260-000 | RONALD R. REASONER AND AMY D. REASONER | Y | 0.000000 | 0.0000000 | 23-00184-014 | Ross | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 2617 County Road 59 | Bergholz | OH | 43908 |
| 7 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 33.263932 | 0.0394588 | 23-00184-014 | Ross | JEFFERSON | OH | 3.945881% | 100.000000% | 3.945881% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 7 | 34-0002969-001 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 6.652786 | 0.0078918 | 23-00184-014 | Ross | JEFFERSON | OH | 0.789176% | 100.000000% | 0.789176% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 8 | 34-001260-000 | RONALD R. REASONER AND AMY D. REASONER | Y | 0.000000 | 0.0000000 | 23-00184-015 | Ross | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 2617 County Road 59 | Bergholz | OH | 43908 |

| TRACT NUMBER | CHESAPEAKE LEASE ID NUMBER | LESSOR | LEASED YES/NO | SURFACE ACRES IN UNIT | TRACT PARTICIPATION | TAX MAP PARCEL ID NUMBERS | TOWNSHIP | COUNTY | STATE | UNIT WORKING INTEREST | CHESAPEAKE WORKING INTEREST | CHESAPEAKE UNIT PARTICIPATION | ARU WORKING INTEREST | ARU UNIT PARTICIPATION | ADDRESS | CITY | STATE | ZIP CODE |
|--------------|----------------------------|--|---------------|-----------------------|---------------------|---------------------------|----------|-----------|-------|-----------------------|-----------------------------|-------------------------------|----------------------|------------------------|--|--|----------------------|----------------------------------|
| 8 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 8.310346 | 0.0098580 | 23-00184-015 | Ross | JEFFERSON | OH | 0.985802% | 100.000000% | 0.985802% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 8 | 34-0002969-001 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 1.662069 | 0.0019716 | 23-00184-015 | Ross | JEFFERSON | OH | 0.197160% | 100.000000% | 0.197160% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 9 | 34-00183-000 | KELLY M. BETHEL | Y | 0.000000 | 0.0000000 | 23-00184-016 | Ross | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 2251 County Road 59 | East Springfield | OH | 43925 |
| 9 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 2.119795 | 0.0025146 | 23-00184-016 | Ross | JEFFERSON | OH | 0.251457% | 100.000000% | 0.251457% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 9 | 34-0002969-001 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.423959 | 0.0005029 | 23-00184-016 | Ross | JEFFERSON | OH | 0.050291% | 100.000000% | 0.050291% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 10 | 34-011550-000 | ROBERT H. AND DARLA KAY KIRK | Y | 17.325768 | 0.0205524 | 23-00197-000 | Ross | JEFFERSON | OH | 2.055242% | 100.000000% | 2.055242% | | | 7086 County Road 58 | Bergholz | OH | 43908 |
| 11 | 34-017285-000 | RONALD D. MCELROY, SR. AND RAYLENE G. MCELROY | Y | 4.538938 | 0.0053842 | 24-00182-000 | Salem | JEFFERSON | OH | 0.538424% | 100.000000% | 0.538424% | | | 253 County Road 60 | Bergholz | OH | 43908 |
| 12 | 34-0003023-000 | MARIAN DECKER | Y | 10.348737 | 0.0122760 | 24-00204-000 | Salem | JEFFERSON | OH | 1.227603% | 100.000000% | 1.227603% | | | P.O. Box 86 | East Springfield | OH | 43925 |
| 13 | 34-033951-000 | LOUISE CARTER, BEVERLY WILEY, EDITH AND ROBER LENIGAR, AND BARBARA AND PAUL LENIGAR | Y | 11.157796 | 0.0132358 | 24-00243-000 | Salem | JEFFERSON | OH | 1.323576% | 100.000000% | 1.323576% | | | 3262 County Road 59 538 6th Street NW 1088 Andrew Avenue 31390 Hartley Road | Bergholz Carrollton Salem Salem | OH OH OH OH | 43908 44615 44460 44460 |
| 14 | 34-005006-001 | ELIZABETH L. BOGGESS | Y | 45.543619 | 0.0540254 | 24-00520-000 | Salem | JEFFERSON | OH | 5.402540% | 100.000000% | 5.402540% | | | 147 Heights Street | Weirton | WV | 26062 |
| 14 | 34-005006-002 | EDGAR L. HARMON AND GLORIA F. HARMON | Y | 45.543619 | 0.0540254 | 24-00520-000 | Salem | JEFFERSON | OH | 5.402540% | 100.000000% | 5.402540% | | | 8674 Tanglewood Trail | Chagrin Falls | OH | 44023 |
| 15 | 34-0003013-001 | CHARLES WILLIAM CORDER, SR. AND DIANE L. CORDER | Y | 8.185678 | 0.0097101 | 24-00557-000 | Salem | JEFFERSON | OH | 0.971013% | 100.000000% | 0.971013% | | | P.O. Box 128 | East Springfield | OH | 43925 |

| TRACT NUMBER | CHESAPEAKE LEASE ID NUMBER | LESSOR | LEASED YES/NO | SURFACE ACRES IN UNIT | TRACT PARTICIPATION | TAX MAP PARCEL ID NUMBERS | TOWNSHIP | COUNTY | STATE | UNIT WORKING INTEREST | CHESAPEAKE WORKING INTEREST | CHESAPEAKE UNIT PARTICIPATION | ARU WORKING INTEREST | ARU UNIT PARTICIPATION | ADDRESS | CITY | STATE | ZIP CODE |
|--------------|----------------------------|--|---------------|-----------------------|---------------------|---------------------------|----------|-----------|-------|-----------------------|-----------------------------|-------------------------------|----------------------|------------------------|--|------------------|-------|----------|
| 15 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 6.821398 | 0.0080918 | 24-00557-000 | Salem | JEFFERSON | OH | 0.809178% | 100.000000% | 0.809178% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 15 | 34-0002966-000 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 1.364280 | 0.0016184 | 24-00557-000 | Salem | JEFFERSON | OH | 0.161836% | 100.000000% | 0.161836% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 16 | 34-0003013-001 | CHARLES WILLIAM CORDER, SR. AND DIANE L. CORDER | Y | 5.028888 | 0.0059654 | 24-00557-001 | Salem | JEFFERSON | OH | 0.596544% | 100.000000% | 0.596544% | | | P.O. Box 128 | East Springfield | OH | 43925 |
| 16 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 4.190740 | 0.0049712 | 24-00557-001 | Salem | JEFFERSON | OH | 0.497120% | 100.000000% | 0.497120% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 16 | 34-0002966-000 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.838148 | 0.0009942 | 24-00557-001 | Salem | JEFFERSON | OH | 0.099424% | 100.000000% | 0.099424% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 17 | 34-0003013-001 | CHARLES WILLIAM CORDER, SR. AND DIANE L. CORDER | Y | 4.995108 | 0.0059254 | 24-00557-002 | Salem | JEFFERSON | OH | 0.592537% | 100.000000% | 0.592537% | | | P.O. Box 128 | East Springfield | OH | 43925 |
| 17 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 4.162590 | 0.0049378 | 24-00557-002 | Salem | JEFFERSON | OH | 0.493781% | 100.000000% | 0.493781% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 17 | 34-0002966-000 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.832518 | 0.0009876 | 24-00557-002 | Salem | JEFFERSON | OH | 0.098756% | 100.000000% | 0.098756% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 18 | 34-0003014-001 | JEFFREY J. FENSTERMAKER AND CHRISTINE A. FENSTERMAKER | Y | 1.120574 | 0.0013293 | 24-00557-003 | Salem | JEFFERSON | OH | 0.132926% | 100.000000% | 0.132926% | | | 1559 County Road 60 | Bergholz | OH | 43908 |

| TRACT NUMBER | CHESAPEAKE LEASE ID NUMBER | LESSOR | LEASED YES/NO | SURFACE ACRES IN UNIT | TRACT PARTICIPATION | TAX MAP PARCEL ID NUMBERS | TOWNSHIP | COUNTY | STATE | UNIT WORKING INTEREST | CHESAPEAKE WORKING INTEREST | CHESAPEAKE UNIT PARTICIPATION | ARU WORKING INTEREST | ARU UNIT PARTICIPATION | ADDRESS | CITY | STATE | ZIP CODE |
|--------------|----------------------------|--|---------------|-----------------------|---------------------|---------------------------|----------|-----------|-------|-----------------------|-----------------------------|-------------------------------|----------------------|------------------------|--|------------------|-------|----------|
| 18 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 0.933812 | 0.0011077 | 24-00557-003 | Salem | JEFFERSON | OH | 0.110772% | 100.000000% | 0.110772% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 18 | 34-0002966-000 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.186762 | 0.0002215 | 24-00557-003 | Salem | JEFFERSON | OH | 0.022154% | 100.000000% | 0.022154% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 19 | 34-0003014-001 | JEFFREY J. FENSTERMAKER AND CHRISTINE A. FENSTERMAKER | Y | 2.314471 | 0.0027455 | 24-00557-004 | Salem | JEFFERSON | OH | 0.274550% | 100.000000% | 0.274550% | | | 1559 County Road 60 | Bergholz | OH | 43908 |
| 19 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 1.928726 | 0.0022879 | 24-00557-004 | Salem | JEFFERSON | OH | 0.228792% | 100.000000% | 0.228792% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 19 | 34-0002966-000 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.385745 | 0.0004576 | 24-00557-004 | Salem | JEFFERSON | OH | 0.045758% | 100.000000% | 0.045758% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 20 | 34-0003009-001 | DEBRA S. CORDER | Y | 5.543793 | 0.0065762 | 24-00557-005 | Salem | JEFFERSON | OH | 0.657624% | 100.000000% | 0.657624% | | | 3012 County Road 59 | Bergholz | OH | 43908 |
| 20 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 4.619828 | 0.0054802 | 24-00557-005 | Salem | JEFFERSON | OH | 0.548020% | 100.000000% | 0.548020% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 20 | 34-0002966-000 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.923966 | 0.0010960 | 24-00557-005 | Salem | JEFFERSON | OH | 0.109604% | 100.000000% | 0.109604% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 21 | 34-011028-000 | RALPH A. & RUTH E. GALLOWAY | Y | 7.822521 | 0.0092793 | 24-00653-000 | Salem | JEFFERSON | OH | 0.927934% | 100.000000% | 0.927934% | | | P.O. Box 136 | East Springfield | OH | 43925 |
| 22 | 34-032467-000 | RONALD G. WAGGONER | Y | 0.325775 | 0.0003864 | 24-00754-000 | Salem | JEFFERSON | OH | 0.038645% | 100.000000% | 0.038645% | | | 7849 State Route 43 | Bergholz | OH | 43908 |
| 23 | 34-004602-000 | PHILLIP B. JORDAN | Y | 5.526117 | 0.0065553 | 24-00809-000 | Salem | JEFFERSON | OH | 0.655527% | 100.000000% | 0.655527% | | | 1004 Township Road 263 | Bergholz | OH | 43908 |
| 24 | 34-014048-000 | THOMAS E. MCGAUGHEY | Y | 0.000317 | 0.0000004 | 24-00809-004 | Salem | JEFFERSON | OH | 0.000038% | 100.000000% | 0.000038% | | | 1136 Township Road 263 | Bergholz | OH | 43908 |
| 25 | 34-017035-000 | ROBERT SERDAR AND JUDITH I. SERDAR | Y | 0.747567 | 0.0008868 | 24-00809-005 | Salem | JEFFERSON | OH | 0.088679% | 100.000000% | 0.088679% | | | P.O. Box 205 | East Springfield | OH | 43925 |
| 26 | 34-017035-000 | ROBERT SERDAR AND JUDITH I. SERDAR | Y | 2.387801 | 0.0028325 | 24-00809-006 | Salem | JEFFERSON | OH | 0.283249% | 100.000000% | 0.283249% | | | P.O. Box 205 | East Springfield | OH | 43925 |

| TRACT NUMBER | CHESAPEAKE LEASE ID NUMBER | LESSOR | LEASED YES/NO | SURFACE ACRES IN UNIT | TRACT PARTICIPATION | TAX MAP PARCEL ID NUMBERS | TOWNSHIP | COUNTY | STATE | UNIT WORKING INTEREST | CHESAPEAKE WORKING INTEREST | CHESAPEAKE UNIT PARTICIPATION | ARU WORKING INTEREST | ARU UNIT PARTICIPATION | ADDRESS | CITY | STATE | ZIP CODE |
|--------------|----------------------------|--|---------------|-----------------------|---------------------|---------------------------|-------------|-----------|-------|-----------------------|-----------------------------|-------------------------------|----------------------|------------------------|--|--|--|--|
| 27 | ARU | CHARLES J. AND SUSAN A. LONG | Y | 3.988329 | 0.0047311 | 24-00809-007 | Salem | JEFFERSON | OH | 0.473109% | | | 100.000000% | 0.473109% | 59 Quail Meadow Road | Plactis | NM | 87043 |
| 28 | 34-017285-000 | RONALD D. MCELROY, SR. AND RAYLENE G. MCELROY | Y | 1.246053 | 0.0014781 | 24-01319-000 | Salem | JEFFERSON | OH | 0.147811% | 100.000000% | 0.147811% | | | 253 County Road 60 | Bergholz | OH | 43908 |
| 29 | 34-0003023-000 | MARIAN DECKER | Y | 0.000000 | 0.0000000 | 24-01979-000 | Salem | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | P.O. Box 86 | East Springfield | OH | 43925 |
| 29 | 34-005446-001 | ALBERTA JEAN CADY AND EUGENE CADY | Y | 45.579695 | 0.0540682 | 24-01979-000 | Salem | JEFFERSON | OH | 5.406819% | 100.000000% | 5.406819% | | | 222 Beach Avenue | Cambridge Springs | PA | 16403 |
| 29 | 34-005446-002 | JUNE BARKLEY | Y | 45.579695 | 0.0540682 | 24-01979-000 | Salem | JEFFERSON | OH | 5.406819% | 100.000000% | 5.406819% | | | 11283 Marlett Road | Cincinnati | OH | 45249 |
| 30 | 34-036194-000 | MARIAN DECKER | Y | 26.426356 | 0.0313478 | 24-01981-000 | Salem | JEFFERSON | OH | 3.134785% | 100.000000% | 3.134785% | | | P.O. Box 86 | East Springfield | OH | 43925 |
| 31 | 34-0003145-001 | RANDY J. TINNEY | N | 0.000000 | 0.0000000 | 24-01982-000A | Salem | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 556 Township Road 263 | Bergholz | OH | 43908 |
| 31 | 34-005446-001 | ALBERTA JEAN CADY AND EUGENE CADY | Y | 16.629872 | 0.0197269 | 24-01982-000A | Salem | JEFFERSON | OH | 1.972692% | 100.000000% | 1.972692% | | | 222 Beach Avenue | Cambridge Springs | PA | 16403 |
| 31 | 34-005446-002 | JUNE BARKLEY | Y | 16.629872 | 0.0197269 | 24-01982-000A | Salem | JEFFERSON | OH | 1.972692% | 100.000000% | 1.972692% | | | 11283 Marlett Road | Cincinnati | OH | 45249 |
| 32 | ARU | RANDY J. TINNEY | Y | 22.382325 | 0.0265507 | 24-01982-000B | Salem | JEFFERSON | OH | 2.655068% | | | 100.000000% | 2.655068% | 556 Township Road 263 | Bergholz | OH | 43908 |
| 32 | 34-0003069-001 | MARY E. SCOTT FKA MARY E. SIMMONS | N | 22.382325 | 0.0265507 | 24-01982-000B | Salem | JEFFERSON | OH | 2.655068% | 100.000000% | 2.655068% | | | 24192 Deep Branch Road | Georgetown | DE | 19947 |
| 32 | 34-0003145-001 | RANDY J. TINNEY | N | 0.000000 | 0.0000000 | 24-01982-000B | Salem | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 556 Township Road 263 | Bergholz | OH | 43908 |
| 33 | ARU | JAMES MILLS | Y | 0.937028 | 0.0011115 | 24-01982-001 | Salem | JEFFERSON | OH | 0.111153% | | | 100.000000% | 0.111153% | 1819 Township Road 219 | Richmond | OH | 43944 |
| 33 | 34-0003069-001 | MARY E. SCOTT FKA MARY E. SIMMONS | N | 0.937028 | 0.0011115 | 24-01982-001 | Salem | JEFFERSON | OH | 0.111153% | 100.000000% | 0.111153% | | | 24192 Deep Branch Road | Georgetown | DE | 19947 |
| 33 | 34-0003146-001 | JAMES MILLS | N | 0.000000 | 0.0000000 | 24-01982-001 | Salem | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 1819 Township Road 219 | Richmond | OH | 43944 |
| 34 | 1-301979-000 | BETTY MAZUR AND ALFRED J. MAZUR, ACTING BY AND THROUGH HIS AGENT AND ATTORNEY-IN-FACT, FRANKLIN J. MAZUR | Y | 1.055893 | 0.0012525 | 24-02511-001 | Salem | JEFFERSON | OH | 0.125254% | 100.000000% | 0.125254% | | | 201 Township Road 263 | Bergholz | OH | 43908 |
| 35 | 34-0003067-000 | JOHN R. MILLER AND MARY ELLEN MILLER | N | 0.000000 | 0.0000000 | 34-00105-000 | Springfield | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 1571 Township Road 220 | Bloomington | OH | 43910 |
| 35 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | N | 0.069098 | 0.0000820 | 34-00105-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 35 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | N | 0.069098 | 0.0000820 | 34-00105-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 35 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | N | 0.069098 | 0.0000820 | 34-00105-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 35 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | N | 0.034549 | 0.0000410 | 34-00105-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 35 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | N | 0.034549 | 0.0000410 | 34-00105-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 35 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | N | 0.138195 | 0.0001639 | 34-00105-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 36 | 34-000750-000 | DANIEL L. DECKER AND AMBER M. DECKER | Y | 10.174705 | 0.0120696 | 34-00176-000 | Springfield | JEFFERSON | OH | 1.206958% | 100.000000% | 1.206958% | | | 1892 County Road 60 | Bergholz | OH | 43908 |
| 37 | 34-001082-000 | EMERY TINGLER AND NINA M. TINGLER | Y | 0.000000 | 0.0000000 | 34-00185-000 | Springfield | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 2192 County Road 60 | Bergholz | OH | 43908 |
| 37 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | N | 0.113759 | 0.0001349 | 34-00185-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 37 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | N | 0.113759 | 0.0001349 | 34-00185-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 37 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | N | 0.113759 | 0.0001349 | 34-00185-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 37 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | N | 0.056880 | 0.0000675 | 34-00185-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |

| TRACT NUMBER | CHESAPEAKE LEASE ID NUMBER | LESSOR | LEASED YES/NO | SURFACE ACRES IN UNIT | TRACT PARTICIPATION | TAX MAP PARCEL ID NUMBERS | TOWNSHIP | COUNTY | STATE | UNIT WORKING INTEREST | CHESAPEAKE WORKING INTEREST | CHESAPEAKE UNIT PARTICIPATION | ARU WORKING INTEREST | ARU UNIT PARTICIPATION | ADDRESS | CITY | STATE | ZIP CODE |
|--------------|----------------------------|--|---------------|-----------------------|---------------------|---------------------------|-------------|-----------|-------|-----------------------|-----------------------------|-------------------------------|----------------------|------------------------|--|--|--|--|
| 37 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | N | 0.056880 | 0.0000675 | 34-00185-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 37 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | N | 0.227519 | 0.0002699 | 34-00185-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 38 | 34-000880-000 | GEORGE N. DAVIS | Y | 19.432927 | 0.0230520 | 34-00295-000 | Springfield | JEFFERSON | OH | 2.305200% | 100.000000% | 2.305200% | | | 2595 County Road 60 | Bergholz | OH | 43908 |
| 39 | 34-032906-002 | RALPH E. RUTLEDGE AND JOANN S. RUTLEDGE | Y | 0.000000 | 0.0000000 | 34-00433-000 | Springfield | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 2509 NE 19th Court | Ocala | FL | 34470 |
| 39 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | N | 0.061510 | 0.0000730 | 34-00433-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 39 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | N | 0.061510 | 0.0000730 | 34-00433-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 39 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | N | 0.061510 | 0.0000730 | 34-00433-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 39 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | N | 0.030755 | 0.0000365 | 34-00433-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 39 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | N | 0.030755 | 0.0000365 | 34-00433-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 39 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | N | 0.123019 | 0.0001459 | 34-00433-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 40 | 34-032906-002 | RALPH E. RUTLEDGE AND JOANN S. RUTLEDGE | Y | 0.000000 | 0.0000000 | 34-00433-001 | Springfield | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 2509 NE 19th Court | Ocala | FL | 34470 |
| 40 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | N | 1.075083 | 0.0012753 | 34-00433-001 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 40 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | N | 1.075083 | 0.0012753 | 34-00433-001 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 40 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | N | 1.075083 | 0.0012753 | 34-00433-001 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 40 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | N | 0.537542 | 0.0006377 | 34-00433-001 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 40 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | N | 0.537542 | 0.0006377 | 34-00433-001 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 40 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | N | 2.150167 | 0.0025506 | 34-00433-001 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 41 | 1-329625-000 | HAROLD H. DAVIS AND ELDA E. DAVIS | Y | 0.253521 | 0.0003007 | 34-00474-001 | Springfield | JEFFERSON | OH | 0.030074% | 100.000000% | 0.030074% | | | c/o James H. Davis 300 Township Road 404 | Bergholz | OH | 43908 |
| 42 | 34-036855-000 | BETH A. MYERS | Y | 0.000000 | 0.0000000 | 34-00516-000 | Springfield | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 1982 Gold Lake Drive | Fort Mohave | AZ | 86426 |
| 42 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | N | 5.691426 | 0.0067514 | 34-00516-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 42 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | N | 5.691426 | 0.0067514 | 34-00516-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |

| TRACT NUMBER | CHESAPEAKE LEASE ID NUMBER | LESSOR | LEASED YES/NO | SURFACE ACRES IN UNIT | TRACT PARTICIPATION | TAX MAP PARCEL ID NUMBERS | TOWNSHIP | COUNTY | STATE | UNIT WORKING INTEREST | CHESAPEAKE WORKING INTEREST | CHESAPEAKE UNIT PARTICIPATION | ARU WORKING INTEREST | ARU UNIT PARTICIPATION | ADDRESS | CITY | STATE | ZIP CODE |
|--------------|----------------------------|--|---------------|-----------------------|---------------------|---------------------------|-------------|-----------|-------|-----------------------|-----------------------------|-------------------------------|----------------------|------------------------|--|--|--|--|
| 42 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | N | 5.691426 | 0.0067514 | 34-00516-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 42 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | N | 2.845713 | 0.0033757 | 34-00516-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 42 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | N | 2.845713 | 0.0033757 | 34-00516-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 42 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | N | 11.382852 | 0.0135027 | 34-00516-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 43 | 34-001005-000 | DANIEL L. WARNER | Y | 0.000000 | 0.0000000 | 34-00516-001 | Springfield | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 1993 County Road 60 | Bergholz | OH | 43908 |
| 43 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | N | 0.578053 | 0.0006857 | 34-00516-001 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 43 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | N | 0.578053 | 0.0006857 | 34-00516-001 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 43 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | N | 0.578053 | 0.0006857 | 34-00516-001 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 43 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | N | 0.289027 | 0.0003429 | 34-00516-001 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 43 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | N | 0.289027 | 0.0003429 | 34-00516-001 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 43 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | N | 1.156106 | 0.0013714 | 34-00516-001 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 44 | 34-0002929-000 | BRENT GAMRON AND ADINA GAMRON | Y | 0.000000 | 0.0000000 | 34-00574-000 | Springfield | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 3292 County Road 59 | Bergholz | OH | 43908 |
| 44 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 0.217415 | 0.0002579 | 34-00574-000 | Springfield | JEFFERSON | OH | 0.025790% | 100.000000% | 0.025790% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 44 | 34-0002969-001 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.043483 | 0.0000516 | 34-00574-000 | Springfield | JEFFERSON | OH | 0.005158% | 100.000000% | 0.005158% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 45 | 34-018447-000 | HELEN RUTLEDGE | Y | 0.000000 | 0.0000000 | 34-00662-000 | Springfield | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 2233 County Road 60 | Bergholz | OH | 43908 |
| 45 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | N | 13.499206 | 0.0160132 | 34-00662-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 45 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | N | 13.499206 | 0.0160132 | 34-00662-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |

| TRACT NUMBER | CHESAPEAKE LEASE ID NUMBER | LESSOR | LEASED YES/NO | SURFACE ACRES IN UNIT | TRACT PARTICIPATION | TAX MAP PARCEL ID NUMBERS | TOWNSHIP | COUNTY | STATE | UNIT WORKING INTEREST | CHESAPEAKE WORKING INTEREST | CHESAPEAKE UNIT PARTICIPATION | ARU WORKING INTEREST | ARU UNIT PARTICIPATION | ADDRESS | CITY | STATE | ZIP CODE |
|--------------|----------------------------|--|---------------|-----------------------|---------------------|---------------------------|-------------|-----------|-------|-----------------------|-----------------------------|-------------------------------|----------------------|------------------------|--|--|--|--|
| 45 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | N | 13.499206 | 0.0160132 | 34-00662-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 45 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | N | 6.749603 | 0.0080066 | 34-00662-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 45 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | N | 6.749603 | 0.0080066 | 34-00662-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 45 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | N | 26.998412 | 0.0320264 | 34-00662-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 46 | 34-000987-000 | ROBERT W. HANLIN AND JULIE L. HANLIN | Y | 54.209562 | 0.0643052 | 34-00748-000 | Springfield | JEFFERSON | OH | 6.430523% | 100.000000% | 6.430523% | | | 431 Hillcrest Road | Hartsville | SC | 29550 |
| 47 | 34-001082-000 | EMERY TINGLER AND NINA M. TINGLER | Y | 5.764647 | 0.0068382 | 34-00770-000 | Springfield | JEFFERSON | OH | 0.683822% | 100.000000% | 0.683822% | | | 2192 County Road 60 | Bergholz | OH | 43908 |
| 48 | 34-001082-000 | EMERY TINGLER AND NINA M. TINGLER | Y | 0.000000 | 0.0000000 | 34-00771-000 | Springfield | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 2192 County Road 60 | Bergholz | OH | 43908 |
| 48 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | N | 0.027687 | 0.0000328 | 34-00771-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 48 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | N | 0.027687 | 0.0000328 | 34-00771-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 48 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | N | 0.027687 | 0.0000328 | 34-00771-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 48 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | N | 0.013844 | 0.0000164 | 34-00771-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 48 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | N | 0.013844 | 0.0000164 | 34-00771-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 48 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | N | 0.055374 | 0.0000657 | 34-00771-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 49 | 34-001005-000 | DANIEL L. WARNER | Y | 0.000000 | 0.0000000 | 34-00816-000 | Springfield | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 1993 County Road 60 | Bergholz | OH | 43908 |
| 49 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | N | 0.174025 | 0.0002064 | 34-00816-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 49 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | N | 0.174025 | 0.0002064 | 34-00816-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 49 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | N | 0.174025 | 0.0002064 | 34-00816-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 49 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | N | 0.087013 | 0.0001032 | 34-00816-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 49 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | N | 0.087013 | 0.0001032 | 34-00816-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 49 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | N | 0.348050 | 0.0004129 | 34-00816-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 50 | 34-0002988-000 | RONALD D. MCELROY AND RAYLENE G. MCELROY | Y | 0.000000 | 0.0000000 | 34-01039-001 | Springfield | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 253 County Road 60 | Bergholz | OH | 43908 |

| TRACT NUMBER | CHESAPEAKE LEASE ID NUMBER | LESSOR | LEASED YES/NO | SURFACE ACRES IN UNIT | TRACT PARTICIPATION | TAX MAP PARCEL ID NUMBERS | TOWNSHIP | COUNTY | STATE | UNIT WORKING INTEREST | CHESAPEAKE WORKING INTEREST | CHESAPEAKE UNIT PARTICIPATION | ARU WORKING INTEREST | ARU UNIT PARTICIPATION | ADDRESS | CITY | STATE | ZIP CODE |
|--------------|--|--|---------------|-----------------------|---------------------|---------------------------|-------------|-----------|-------|-----------------------|-----------------------------|-------------------------------|----------------------|------------------------|--|--|--|--|
| 50 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | N | 0.564387 | 0.0006695 | 34-01039-001 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 50 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | N | 0.564387 | 0.0006695 | 34-01039-001 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 50 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | N | 0.564387 | 0.0006695 | 34-01039-001 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 50 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | N | 0.282194 | 0.0003347 | 34-01039-001 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 50 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | N | 0.282194 | 0.0003347 | 34-01039-001 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 50 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | N | 1.128775 | 0.0013390 | 34-01039-001 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 51 | 34-0002957-000 | KENNETH F. WASCO AND DIANE M. WASCO | Y | 0.000000 | 0.0000000 | 34-01067-000 | Springfield | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 1047 County Highway 60 | Bergholz | OH | 43908 |
| 51 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 0.875123 | 0.0010381 | 34-01067-000 | Springfield | JEFFERSON | OH | 0.103810% | 100.000000% | 0.103810% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 51 | 34-0002969-001 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.175025 | 0.0002076 | 34-01067-000 | Springfield | JEFFERSON | OH | 0.020762% | 100.000000% | 0.020762% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 52 | 34-0002957-000 | KENNETH F. WASCO AND DIANE M. WASCO | Y | 0.000000 | 0.0000000 | 34-01096-000 | Springfield | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 1047 County Highway 60 | Bergholz | OH | 43908 |
| 52 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 0.824345 | 0.0009779 | 34-01096-000 | Springfield | JEFFERSON | OH | 0.097787% | 100.000000% | 0.097787% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 52 | 34-0002969-001 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.164869 | 0.0001956 | 34-01096-000 | Springfield | JEFFERSON | OH | 0.019557% | 100.000000% | 0.019557% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 53 | 34-0003124-001 34-0003123-001 34-0003125-001 | BEVERLY WILEY, EDITH LENIGAR AND ROBERT LENIGAR, AND BARBARA LENIGAR AND PAUL LENIGAR | N | 0.000000 | 0.0000000 | 34-01142-000 | Springfield | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 538 6th Street | Carrollton | OH | 44615 |

| TRACT NUMBER | CHESAPEAKE LEASE ID NUMBER | LESSOR | LEASED YES/NO | SURFACE ACRES IN UNIT | TRACT PARTICIPATION | TAX MAP PARCEL ID NUMBERS | TOWNSHIP | COUNTY | STATE | UNIT WORKING INTEREST | CHESAPEAKE WORKING INTEREST | CHESAPEAKE UNIT PARTICIPATION | ARU WORKING INTEREST | ARU UNIT PARTICIPATION | ADDRESS | CITY | STATE | ZIP CODE |
|--------------|------------------------------|--|---------------|-----------------------|---------------------|---------------------------|-------------|-----------|-------|-----------------------|-----------------------------|-------------------------------|----------------------|------------------------|---|-----------|-------|----------|
| 53 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 1.755391 | 0.0020823 | 34-01142-000 | Springfield | JEFFERSON | OH | 0.208230% | 100.000000% | 0.208230% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 53 | 34-0002969-001 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.351078 | 0.0004165 | 34-01142-000 | Springfield | JEFFERSON | OH | 0.041646% | 100.000000% | 0.041646% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 54 | 34-0002832-000 | SHAWN BROCKWAY AND JODY BROCKWAY | Y | 0.000000 | 0.0000000 | 34-01143-000 | Springfield | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 3096 County Road 59 | Bergholz | OH | 43908 |
| 54 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 1.256045 | 0.0014900 | 34-01143-000 | Springfield | JEFFERSON | OH | 0.148996% | 100.000000% | 0.148996% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 54 | 34-0002969-001 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.251209 | 0.0002980 | 34-01143-000 | Springfield | JEFFERSON | OH | 0.029799% | 100.000000% | 0.029799% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 55 | 34-004024-000 | DONNA L. STINE | Y | 0.213806 | 0.0002536 | 34-01155-000 | Springfield | JEFFERSON | OH | 0.025362% | 100.000000% | 0.025362% | | | c/o Howard Shepherd 7462 County Highway 58 | Bergholz | OH | 43908 |
| 56 | DMA - UNLEASED SURFACE OWNER | CAROLE M. HOOD-RODSKY AND ADAM T. RODSKY | N | 0.000000 | 0.0000000 | 34-01167-000 | Springfield | JEFFERSON | OH | | | | | | 963 County Highway 60 | Bergholz | OH | 43908 |
| 56 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 0.724958 | 0.0008600 | 34-01167-000 | Springfield | JEFFERSON | OH | 0.085997% | 100.000000% | 0.085997% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 56 | 34-0002969-001 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.144992 | 0.0001720 | 34-01167-000 | Springfield | JEFFERSON | OH | 0.017199% | 100.000000% | 0.017199% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 57 | 34-001101-000 | JAMES T. SUTTON AND LORETTA SUTTON | Y | 3.266386 | 0.0038747 | 34-01172-000 | Springfield | JEFFERSON | OH | 0.387470% | 100.000000% | 0.387470% | | | 2294 County Highway 60 | Bergholz | OH | 43908 |
| 58 | 34-0002776-000 | LEO B. SCOPEL | Y | 0.000000 | 0.0000000 | 34-01181-000 | Springfield | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 1079 County Road 60 | Bergholz | OH | 43908 |

| TRACT NUMBER | CHESAPEAKE LEASE ID NUMBER | LESSOR | LEASED YES/NO | SURFACE ACRES IN UNIT | TRACT PARTICIPATION | TAX MAP PARCEL ID NUMBERS | TOWNSHIP | COUNTY | STATE | UNIT WORKING INTEREST | CHESAPEAKE WORKING INTEREST | CHESAPEAKE UNIT PARTICIPATION | ARU WORKING INTEREST | ARU UNIT PARTICIPATION | ADDRESS | CITY | STATE | ZIP CODE |
|--------------|----------------------------|--|---------------|-----------------------|---------------------|---------------------------|-------------|-----------|-------|-----------------------|-----------------------------|-------------------------------|----------------------|------------------------|--|--|--|--|
| 58 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 0.575996 | 0.0006833 | 34-01181-000 | Springfield | JEFFERSON | OH | 0.068327% | 100.000000% | 0.068327% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 58 | 34-0002969-001 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.115199 | 0.0001367 | 34-01181-000 | Springfield | JEFFERSON | OH | 0.013665% | 100.000000% | 0.013665% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 59 | 34-0002776-000 | LEO B. SCOPEL | Y | 0.000000 | 0.0000000 | 34-01182-000 | Springfield | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 1079 County Road 60 | Bergholz | OH | 43908 |
| 59 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 0.928182 | 0.0011010 | 34-01182-000 | Springfield | JEFFERSON | OH | 0.110104% | 100.000000% | 0.110104% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 59 | 34-0002969-001 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.185636 | 0.0002202 | 34-01182-000 | Springfield | JEFFERSON | OH | 0.022021% | 100.000000% | 0.022021% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 60 | 34-01220-000 | RONALD G. GOWER AND MARGARET E. GOWER | Y | 0.000000 | 0.0000000 | 34-01220-000 | Springfield | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | P.O. Box 209 | Bergholz | OH | 43908 |
| 60 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | N | 0.128389 | 0.0001523 | 34-01220-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 60 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | N | 0.128389 | 0.0001523 | 34-01220-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 60 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | N | 0.128389 | 0.0001523 | 34-01220-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 60 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | N | 0.064195 | 0.0000761 | 34-01220-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 60 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | N | 0.064195 | 0.0000761 | 34-01220-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 60 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | N | 0.256779 | 0.0003046 | 34-01220-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 61 | 34-001005-000 | DANIEL L. WARNER | Y | 0.000000 | 0.0000000 | 34-01253-000 | Springfield | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 1993 County Road 60 | Bergholz | OH | 43908 |
| 61 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | N | 1.684916 | 0.0019987 | 34-01253-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |

| TRACT NUMBER | CHESAPEAKE LEASE ID NUMBER | LESSOR | LEASED YES/NO | SURFACE ACRES IN UNIT | TRACT PARTICIPATION | TAX MAP PARCEL ID NUMBERS | TOWNSHIP | COUNTY | STATE | UNIT WORKING INTEREST | CHESAPEAKE WORKING INTEREST | CHESAPEAKE UNIT PARTICIPATION | ARU WORKING INTEREST | ARU UNIT PARTICIPATION | ADDRESS | CITY | STATE | ZIP CODE |
|--------------|------------------------------|--|---------------|-----------------------|---------------------|---------------------------|-------------|-----------|-------|-----------------------|-----------------------------|-------------------------------|----------------------|------------------------|--|--|--|--|
| 64 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | N | 0.117078 | 0.0001389 | 34-01255-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 64 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | N | 0.117078 | 0.0001389 | 34-01255-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 64 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | N | 0.117078 | 0.0001389 | 34-01255-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 64 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | N | 0.058539 | 0.0000694 | 34-01255-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 64 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | N | 0.058539 | 0.0000694 | 34-01255-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 64 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | N | 0.234156 | 0.0002778 | 34-01255-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 65 | 34-016346-000 | CAROLE JANE BROWNFIELD | Y | 0.000000 | 0.0000000 | 34-01260-000 | Springfield | JEFFERSON | OH | 0.000000% | 100.000000% | 0.000000% | | | 614 East Fernwood Drive | Toronto | OH | 43964 |
| 65 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | N | 0.309293 | 0.0003669 | 34-01260-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 65 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | N | 0.309293 | 0.0003669 | 34-01260-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 65 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | N | 0.309293 | 0.0003669 | 34-01260-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 65 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | N | 0.154647 | 0.0001834 | 34-01260-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 65 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | N | 0.154647 | 0.0001834 | 34-01260-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 65 | DMA - UNLEASED HOLDER(S) | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | N | 0.618586 | 0.0007338 | 34-01260-000 | Springfield | JEFFERSON | OH | | | | | | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | SEE ATTACHED EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS |
| 66 | DMA - UNLEASED SURFACE OWNER | CAROLE M. HOOD-RODSKY AND ADAM T. RODSKY | N | 0.000000 | 0.0000000 | 34-01313-000 | Springfield | JEFFERSON | OH | | | | | | 963 County Highway 60 | Bergholz | OH | 43908 |
| 66 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 8.407048 | 0.0099727 | 34-01313-000 | Springfield | JEFFERSON | OH | 0.997273% | 100.000000% | 0.997273% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 66 | 34-0002969-001 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 1.681410 | 0.0019945 | 34-01313-000 | Springfield | JEFFERSON | OH | 0.199455% | 100.000000% | 0.199455% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 67 | 34-0003014-001 | JEFFREY J. FENSTERMAKER AND CHRISTINE A. FENSTERMAKER | Y | 2.757473 | 0.0032710 | 34-01313-001 | Springfield | JEFFERSON | OH | 0.327101% | 100.000000% | 0.327101% | | | 1559 County Road 60 | Bergholz | OH | 43908 |

| TRACT NUMBER | CHESAPEAKE LEASE ID NUMBER | LESSOR | LEASED YES/NO | SURFACE ACRES IN UNIT | TRACT PARTICIPATION | TAX MAP PARCEL ID NUMBERS | TOWNSHIP | COUNTY | STATE | UNIT WORKING INTEREST | CHESAPEAKE WORKING INTEREST | CHESAPEAKE UNIT PARTICIPATION | ARU WORKING INTEREST | ARU UNIT PARTICIPATION | ADDRESS | CITY | STATE | ZIP CODE |
|--------------|----------------------------|--|---------------|-----------------------|---------------------|---------------------------|-------------|-----------|-------|-----------------------|-----------------------------|-------------------------------|----------------------|------------------------|--|-----------|-------|----------|
| 67 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 2.297894 | 0.0027258 | 34-01313-001 | Springfield | JEFFERSON | OH | 0.272584% | 100.000000% | 0.272584% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 67 | 34-0002966-000 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.459579 | 0.0005452 | 34-01313-001 | Springfield | JEFFERSON | OH | 0.054517% | 100.000000% | 0.054517% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 68 | 34-0003014-001 | JEFFREY J. FENSTERMAKER AND CHRISTINE A. FENSTERMAKER | Y | 20.615961 | 0.024554 | 34-01313-002 | Springfield | JEFFERSON | OH | 2.445536% | 100.000000% | 2.445536% | | | 1559 County Road 60 | Bergholz | OH | 43908 |
| 68 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 17.179967 | 0.0203795 | 34-01313-002 | Springfield | JEFFERSON | OH | 2.037946% | 100.000000% | 2.037946% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 68 | 34-0002966-000 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 3.435993 | 0.0040759 | 34-01313-002 | Springfield | JEFFERSON | OH | 0.407589% | 100.000000% | 0.407589% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 69 | 34-017211-000 | DEBRA S. MCELROY, FKA DEBRA S. CORDER AND WILLIAM D. MCELROY | Y | 0.928693 | 0.0011016 | 34-01313-003 | Springfield | JEFFERSON | OH | 0.110165% | 100.000000% | 0.110165% | | | 3012 County Road 59 | Bergholz | OH | 43908 |
| 69 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 0.773911 | 0.0009180 | 34-01313-003 | Springfield | JEFFERSON | OH | 0.091804% | 100.000000% | 0.091804% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 69 | 34-0002966-000 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.154782 | 0.0001836 | 34-01313-003 | Springfield | JEFFERSON | OH | 0.018361% | 100.000000% | 0.018361% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 70 | 34-017226-000 | JEFFREY J. FENSTERMAKER AND CHRISTINE A. FENSTERMAKER | Y | 0.245742 | 0.0002915 | 34-01313-004 | Springfield | JEFFERSON | OH | 0.029151% | 100.000000% | 0.029151% | | | 1559 County Road 60 | Bergholz | OH | 43908 |

| TRACT NUMBER | CHESAPEAKE LEASE ID NUMBER | LESSOR | LEASED YES/NO | SURFACE ACRES IN UNIT | TRACT PARTICIPATION | TAX MAP PARCEL ID NUMBERS | TOWNSHIP | COUNTY | STATE | UNIT WORKING INTEREST | CHESAPEAKE WORKING INTEREST | CHESAPEAKE UNIT PARTICIPATION | ARU WORKING INTEREST | ARU UNIT PARTICIPATION | ADDRESS | CITY | STATE | ZIP CODE |
|--------------|----------------------------|--|---------------|-----------------------|---------------------|---------------------------|-------------|-----------|-------|-----------------------|-----------------------------|-------------------------------|----------------------|------------------------|---|-----------|-------|----------|
| 70 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 0.204785 | 0.0002429 | 34-01313-004 | Springfield | JEFFERSON | OH | 0.024292% | 100.000000% | 0.024292% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 70 | 34-0002966-000 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.040957 | 0.0000486 | 34-01313-004 | Springfield | JEFFERSON | OH | 0.004858% | 100.000000% | 0.004858% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 71 | 34-0003014-001 | JEFFREY J. FENSTERMAKER AND CHRISTINE A. FENSTERMAKER | Y | 1.187276 | 0.0014084 | 34-01321-000 | Springfield | JEFFERSON | OH | 0.140839% | 100.000000% | 0.140839% | | | 1559 County Road 60 | Bergholz | OH | 43908 |
| 71 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 0.989397 | 0.0011737 | 34-01321-000 | Springfield | JEFFERSON | OH | 0.117366% | 100.000000% | 0.117366% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 71 | 34-0002966-000 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.197879 | 0.0002347 | 34-01321-000 | Springfield | JEFFERSON | OH | 0.023473% | 100.000000% | 0.023473% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 72 | 34-0003008-001 | HIDDEN VALLEY RANCH, LLC | Y | 1.061940 | 0.0012597 | 34-01321-001 | Springfield | JEFFERSON | OH | 0.125971% | 100.000000% | 0.125971% | | | c/o Denzil M. Teeters, Jr. 3609 County Road 75 | Bergholz | OH | 43908 |
| 72 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 0.884950 | 0.0010498 | 34-01321-001 | Springfield | JEFFERSON | OH | 0.104976% | 100.000000% | 0.104976% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 72 | 34-0002966-000 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.176990 | 0.0002100 | 34-01321-001 | Springfield | JEFFERSON | OH | 0.020995% | 100.000000% | 0.020995% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 73 | 34-0003014-001 | JEFFREY J. FENSTERMAKER AND CHRISTINE A. FENSTERMAKER | Y | 2.211377 | 0.0026232 | 34-01321-002 | Springfield | JEFFERSON | OH | 0.262321% | 100.000000% | 0.262321% | | | 1559 County Road 60 | Bergholz | OH | 43908 |

| TRACT NUMBER | CHESAPEAKE LEASE ID NUMBER | LESSOR | LEASED YES/NO | SURFACE ACRES IN UNIT | TRACT PARTICIPATION | TAX MAP PARCEL ID NUMBERS | TOWNSHIP | COUNTY | STATE | UNIT WORKING INTEREST | CHESAPEAKE WORKING INTEREST | CHESAPEAKE UNIT PARTICIPATION | ARU WORKING INTEREST | ARU UNIT PARTICIPATION | ADDRESS | CITY | STATE | ZIP CODE |
|--------------|----------------------------|--|---------------|-----------------------|---------------------|---------------------------|-------------|-----------|-------|-----------------------|-----------------------------|-------------------------------|----------------------|------------------------|--|------------------|-------|----------|
| 73 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 1.842814 | 0.0021860 | 34-01321-002 | Springfield | JEFFERSON | OH | 0.218601% | 100.000000% | 0.218601% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 73 | 34-0002966-000 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.368563 | 0.0004372 | 34-01321-002 | Springfield | JEFFERSON | OH | 0.043720% | 100.000000% | 0.043720% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 74 | 34-0003014-001 | JEFFREY J. FENSTERMAKER AND CHRISTINE A. FENSTERMAKER | Y | 1.535274 | 0.0018212 | 34-01321-003 | Springfield | JEFFERSON | OH | 0.182119% | 100.000000% | 0.182119% | | | 1559 County Road 60 | Bergholz | OH | 43908 |
| 74 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 1.279395 | 0.0015177 | 34-01321-003 | Springfield | JEFFERSON | OH | 0.151766% | 100.000000% | 0.151766% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 74 | 34-0002966-000 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.255879 | 0.0003035 | 34-01321-003 | Springfield | JEFFERSON | OH | 0.030353% | 100.000000% | 0.030353% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 75 | 34-0003011-001 | DEBRA S. CULP | Y | 1.242871 | 0.0014743 | 34-01321-004 | Springfield | JEFFERSON | OH | 0.147434% | 100.000000% | 0.147434% | | | P.O. Box 33 | East Springfield | OH | 43925 |
| 75 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 1.035726 | 0.0012286 | 34-01321-004 | Springfield | JEFFERSON | OH | 0.122861% | 100.000000% | 0.122861% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 75 | 34-0002966-000 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.207145 | 0.0002457 | 34-01321-004 | Springfield | JEFFERSON | OH | 0.024572% | 100.000000% | 0.024572% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 76 | 34-0003014-001 | JEFFREY J. FENSTERMAKER AND CHRISTINE A. FENSTERMAKER | Y | 0.746189 | 0.0008852 | 34-01321-006 | Springfield | JEFFERSON | OH | 0.088516% | 100.000000% | 0.088516% | | | 1559 County Road 60 | Bergholz | OH | 43908 |

| TRACT NUMBER | CHESAPEAKE LEASE ID NUMBER | LESSOR | LEASED YES/NO | SURFACE ACRES IN UNIT | TRACT PARTICIPATION | TAX MAP PARCEL ID NUMBERS | TOWNSHIP | COUNTY | STATE | UNIT WORKING INTEREST | CHESAPEAKE WORKING INTEREST | CHESAPEAKE UNIT PARTICIPATION | ARU WORKING INTEREST | ARU UNIT PARTICIPATION | ADDRESS | CITY | STATE | ZIP CODE |
|--------------|----------------------------|--|---------------|-----------------------|---------------------|---------------------------|-------------|-----------|-------|-----------------------|-----------------------------|-------------------------------|----------------------|------------------------|--|-----------|-------|----------|
| 76 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 0.621824 | 0.0007376 | 34-01321-006 | Springfield | JEFFERSON | OH | 0.073763% | 100.000000% | 0.073763% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 76 | 34-0002966-000 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.124365 | 0.0001475 | 34-01321-006 | Springfield | JEFFERSON | OH | 0.014753% | 100.000000% | 0.014753% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 77 | 34-0003014-001 | JEFFREY J. FENSTERMAKER AND CHRISTINE A. FENSTERMAKER | Y | 2.614096 | 0.0031009 | 34-01322-000 | Springfield | JEFFERSON | OH | 0.310093% | 100.000000% | 0.310093% | | | 1559 County Road 60 | Bergholz | OH | 43908 |
| 77 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 2.178414 | 0.0025841 | 34-01322-000 | Springfield | JEFFERSON | OH | 0.258411% | 100.000000% | 0.258411% | | | c/o George Knapp 1637 Township Road 219 | Richmond | OH | 43944 |
| 77 | 34-0002966-000 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.435683 | 0.0005168 | 34-01322-000 | Springfield | JEFFERSON | OH | 0.051682% | 100.000000% | 0.051682% | | | 906 NW 104th Street | Vancouver | WA | 98685 |
| 78 | 34-0003012-001 | RICHARD L. ECKENRODE AND BRENDA J. ECKENRODE | Y | 1.904765 | 0.0022595 | 34-01337-000 | Springfield | JEFFERSON | OH | 0.225950% | 100.000000% | 0.225950% | | | | | | |
| 78 | 34-0002263-000 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | Y | 1.587304 | 0.0018829 | 34-01337-000 | Springfield | JEFFERSON | OH | 0.188291% | 100.000000% | 0.188291% | | | | | | |
| 78 | 34-0002966-000 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | Y | 0.317461 | 0.0003766 | 34-01337-000 | Springfield | JEFFERSON | OH | 0.037658% | 100.000000% | 0.037658% | | | | | | |
| | | TOTAL LEASED ACRES IF ORC §301.56 EFF. 3-22-1992 IS ADJUDICATED TO RESULT IN AUTOMATIC FORFEITURE OF SEVERED OIL AND GAS TO THE SURFACE OWNER: | | 830.240884 | 0.984860 | | | | | 82.472721% | 5301.56 AUTOMATIC | 95.246679% | | 3.239330% | | | | |
| | | TOTAL LEASED ACRES IF ORC §301.56 EFF. 3-22-1992 IS ADJUDICATED TO NOT RESULT IN AUTOMATIC FORFEITURE OF SEVERED OIL AND GAS TO THE SURFACE OWNER: | | 695.248237 | 0.824727 | | | | | | 5301.56 NOT AUTOMATIC | 79.233390% | | | | | | |
| | | TOTAL UNIT ACRES: | | 843.003882 | | | | | | | | | | | | | | |

Exhibit "A-3(A)"
Unitized Parties

Attached to and made a part of that certain Unit Operating Agreement dated July 21, 2015 for the GND Trust South Unit.

| TRACT NUMBER | OWNER | ADDRESS | LEASED YES/NO | SURFACE ACRES IN UNIT | TRACT PARTICIPATION | TAX MAP PARCEL ID NUMBERS | TOWNSHIP | COUNTY | STATE | WORKING INTEREST | UNIT PARTICIPATION |
|--------------|--|---|---------------|-----------------------|---------------------|---------------------------|-------------|-----------|-------|------------------|--------------------|
| 35 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.069098 | 0.0000820 | 34-00105-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00820% |
| 35 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.069098 | 0.0000820 | 34-00105-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00820% |
| 35 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.069098 | 0.0000820 | 34-00105-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00820% |
| 35 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.034549 | 0.0000410 | 34-00105-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00410% |
| 35 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.034549 | 0.0000410 | 34-00105-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00410% |
| 35 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.138195 | 0.0001639 | 34-00105-000 | Springfield | JEFFERSON | OH | 100.00% | 0.01639% |
| 37 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.113759 | 0.0001349 | 34-00185-000 | Springfield | JEFFERSON | OH | 100.00% | 0.01349% |
| 37 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.113759 | 0.0001349 | 34-00185-000 | Springfield | JEFFERSON | OH | 100.00% | 0.01349% |
| 37 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.113759 | 0.0001349 | 34-00185-000 | Springfield | JEFFERSON | OH | 100.00% | 0.01349% |
| 37 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.056880 | 0.0000675 | 34-00185-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00675% |
| 37 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.056880 | 0.0000675 | 34-00185-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00675% |
| 37 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.227519 | 0.0002699 | 34-00185-000 | Springfield | JEFFERSON | OH | 100.00% | 0.02699% |
| 39 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.061510 | 0.0000730 | 34-00433-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00730% |
| 39 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.061510 | 0.0000730 | 34-00433-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00730% |
| 39 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.061510 | 0.0000730 | 34-00433-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00730% |

| | | | | | | | | | | | |
|----|--|---|---|-----------|-----------|--------------|-------------|-----------|----|---------|----------|
| 39 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.030755 | 0.0000365 | 34-00433-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00365% |
| 39 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.030755 | 0.0000365 | 34-00433-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00365% |
| 39 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.123019 | 0.0001459 | 34-00433-000 | Springfield | JEFFERSON | OH | 100.00% | 0.01459% |
| 40 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 1.075083 | 0.0012753 | 34-00433-001 | Springfield | JEFFERSON | OH | 100.00% | 0.12753% |
| 40 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 1.075083 | 0.0012753 | 34-00433-001 | Springfield | JEFFERSON | OH | 100.00% | 0.12753% |
| 40 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 1.075083 | 0.0012753 | 34-00433-001 | Springfield | JEFFERSON | OH | 100.00% | 0.12753% |
| 40 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.537542 | 0.0006377 | 34-00433-001 | Springfield | JEFFERSON | OH | 100.00% | 0.06377% |
| 40 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.537542 | 0.0006377 | 34-00433-001 | Springfield | JEFFERSON | OH | 100.00% | 0.06377% |
| 40 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 2.150167 | 0.0025506 | 34-00433-001 | Springfield | JEFFERSON | OH | 100.00% | 0.25506% |
| 42 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 5.691426 | 0.0067514 | 34-00516-000 | Springfield | JEFFERSON | OH | 100.00% | 0.67514% |
| 42 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 5.691426 | 0.0067514 | 34-00516-000 | Springfield | JEFFERSON | OH | 100.00% | 0.67514% |
| 42 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 5.691426 | 0.0067514 | 34-00516-000 | Springfield | JEFFERSON | OH | 100.00% | 0.67514% |
| 42 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 2.845713 | 0.0033757 | 34-00516-000 | Springfield | JEFFERSON | OH | 100.00% | 0.33757% |
| 42 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 2.845713 | 0.0033757 | 34-00516-000 | Springfield | JEFFERSON | OH | 100.00% | 0.33757% |
| 42 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 11.382852 | 0.0135027 | 34-00516-000 | Springfield | JEFFERSON | OH | 100.00% | 1.35027% |
| 43 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.578053 | 0.0006857 | 34-00516-001 | Springfield | JEFFERSON | OH | 100.00% | 0.06857% |
| 43 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.578053 | 0.0006857 | 34-00516-001 | Springfield | JEFFERSON | OH | 100.00% | 0.06857% |
| 43 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.578053 | 0.0006857 | 34-00516-001 | Springfield | JEFFERSON | OH | 100.00% | 0.06857% |

| | | | | | | | | | | | |
|----|--|---|---|-----------|-----------|--------------|-------------|-----------|----|---------|----------|
| 43 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.289027 | 0.0003429 | 34-00516-001 | Springfield | JEFFERSON | OH | 100.00% | 0.03429% |
| 43 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.289027 | 0.0003429 | 34-00516-001 | Springfield | JEFFERSON | OH | 100.00% | 0.03429% |
| 43 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 1.156106 | 0.0013714 | 34-00516-001 | Springfield | JEFFERSON | OH | 100.00% | 0.13714% |
| 45 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 13.499206 | 0.0160132 | 34-00662-000 | Springfield | JEFFERSON | OH | 100.00% | 1.60132% |
| 45 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 13.499206 | 0.0160132 | 34-00662-000 | Springfield | JEFFERSON | OH | 100.00% | 1.60132% |
| 45 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 13.499206 | 0.0160132 | 34-00662-000 | Springfield | JEFFERSON | OH | 100.00% | 1.60132% |
| 45 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 6.749603 | 0.0080066 | 34-00662-000 | Springfield | JEFFERSON | OH | 100.00% | 0.80066% |
| 45 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 6.749603 | 0.0080066 | 34-00662-000 | Springfield | JEFFERSON | OH | 100.00% | 0.80066% |
| 45 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 26.998412 | 0.0320264 | 34-00662-000 | Springfield | JEFFERSON | OH | 100.00% | 3.20264% |
| 48 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.027687 | 0.0000328 | 34-00771-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00328% |
| 48 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.027687 | 0.0000328 | 34-00771-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00328% |
| 48 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.027687 | 0.0000328 | 34-00771-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00328% |
| 48 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.013844 | 0.0000164 | 34-00771-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00164% |
| 48 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.013844 | 0.0000164 | 34-00771-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00164% |
| 48 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.055374 | 0.0000657 | 34-00771-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00657% |
| 49 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.174025 | 0.0002064 | 34-00816-000 | Springfield | JEFFERSON | OH | 100.00% | 0.02064% |
| 49 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.174025 | 0.0002064 | 34-00816-000 | Springfield | JEFFERSON | OH | 100.00% | 0.02064% |
| 49 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.174025 | 0.0002064 | 34-00816-000 | Springfield | JEFFERSON | OH | 100.00% | 0.02064% |

| | | | | | | | | | | | |
|----|--|---|---|----------|-----------|--------------|-------------|-----------|----|---------|----------|
| 49 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.087013 | 0.0001032 | 34-00816-000 | Springfield | JEFFERSON | OH | 100.00% | 0.01032% |
| 49 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.087013 | 0.0001032 | 34-00816-000 | Springfield | JEFFERSON | OH | 100.00% | 0.01032% |
| 49 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.348050 | 0.0004129 | 34-00816-000 | Springfield | JEFFERSON | OH | 100.00% | 0.04129% |
| 50 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.564387 | 0.0006695 | 34-01039-001 | Springfield | JEFFERSON | OH | 100.00% | 0.06695% |
| 50 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.564387 | 0.0006695 | 34-01039-001 | Springfield | JEFFERSON | OH | 100.00% | 0.06695% |
| 50 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.564387 | 0.0006695 | 34-01039-001 | Springfield | JEFFERSON | OH | 100.00% | 0.06695% |
| 50 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.282194 | 0.0003347 | 34-01039-001 | Springfield | JEFFERSON | OH | 100.00% | 0.03347% |
| 50 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.282194 | 0.0003347 | 34-01039-001 | Springfield | JEFFERSON | OH | 100.00% | 0.03347% |
| 50 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 1.128775 | 0.0013390 | 34-01039-001 | Springfield | JEFFERSON | OH | 100.00% | 0.13390% |
| 56 | CAROLE M. HOOD-RODSKY AND ADAM T. RODSKY | 963 County Highway 60 Bergholz, OH 43908 | N | 0.000000 | 0.0000000 | 34-01167-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00000% |
| 60 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.128389 | 0.0001523 | 34-01220-000 | Springfield | JEFFERSON | OH | 100.00% | 0.01523% |
| 60 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.128389 | 0.0001523 | 34-01220-000 | Springfield | JEFFERSON | OH | 100.00% | 0.01523% |
| 60 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.128389 | 0.0001523 | 34-01220-000 | Springfield | JEFFERSON | OH | 100.00% | 0.01523% |
| 60 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.064195 | 0.0000761 | 34-01220-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00761% |
| 60 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.064195 | 0.0000761 | 34-01220-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00761% |
| 60 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.256779 | 0.0003046 | 34-01220-000 | Springfield | JEFFERSON | OH | 100.00% | 0.03046% |
| 61 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 1.684916 | 0.0019987 | 34-01253-000 | Springfield | JEFFERSON | OH | 100.00% | 0.19987% |
| 61 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 1.684916 | 0.0019987 | 34-01253-000 | Springfield | JEFFERSON | OH | 100.00% | 0.19987% |

| | | | | | | | | | | | |
|----|--|---|---|----------|-----------|--------------|-------------|-----------|----|---------|----------|
| 61 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 1.684916 | 0.0019987 | 34-01253-000 | Springfield | JEFFERSON | OH | 100.00% | 0.19987% |
| 61 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.842458 | 0.0009994 | 34-01253-000 | Springfield | JEFFERSON | OH | 100.00% | 0.09994% |
| 61 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.842458 | 0.0009994 | 34-01253-000 | Springfield | JEFFERSON | OH | 100.00% | 0.09994% |
| 61 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 3.369833 | 0.0039974 | 34-01253-000 | Springfield | JEFFERSON | OH | 100.00% | 0.39974% |
| 62 | ELAINE GREGOR RUTLEDGE | 2043 County Highway 60 Bergholz, OH 43908 | N | 0.000000 | 0.0000000 | 34-01254-002 | Springfield | JEFFERSON | OH | 100.00% | 0.00000% |
| 62 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.183687 | 0.0002179 | 34-01254-002 | Springfield | JEFFERSON | OH | 100.00% | 0.02179% |
| 62 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.183687 | 0.0002179 | 34-01254-002 | Springfield | JEFFERSON | OH | 100.00% | 0.02179% |
| 62 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.183687 | 0.0002179 | 34-01254-002 | Springfield | JEFFERSON | OH | 100.00% | 0.02179% |
| 62 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.091844 | 0.0001089 | 34-01254-002 | Springfield | JEFFERSON | OH | 100.00% | 0.01089% |
| 62 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.091844 | 0.0001089 | 34-01254-002 | Springfield | JEFFERSON | OH | 100.00% | 0.01089% |
| 62 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.367374 | 0.0004358 | 34-01254-002 | Springfield | JEFFERSON | OH | 100.00% | 0.04358% |
| 63 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.348342 | 0.0004132 | 34-01254-003 | Springfield | JEFFERSON | OH | 100.00% | 0.04132% |
| 63 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.348342 | 0.0004132 | 34-01254-003 | Springfield | JEFFERSON | OH | 100.00% | 0.04132% |
| 63 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.348342 | 0.0004132 | 34-01254-003 | Springfield | JEFFERSON | OH | 100.00% | 0.04132% |
| 63 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.174171 | 0.0002066 | 34-01254-003 | Springfield | JEFFERSON | OH | 100.00% | 0.02066% |
| 63 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.174171 | 0.0002066 | 34-01254-003 | Springfield | JEFFERSON | OH | 100.00% | 0.02066% |
| 63 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.696684 | 0.0008264 | 34-01254-003 | Springfield | JEFFERSON | OH | 100.00% | 0.08264% |
| 64 | ELAINE GREGOR RUTLEDGE | 2043 County Highway 60 Bergholz, OH 43908 | N | 0.000000 | 0.0000000 | 34-01255-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00000% |

| | | | | | | | | | | | |
|----|--|---|---|-------------------|------------------|--------------|-------------|-----------|----|---------|----------|
| 64 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.117078 | 0.0001389 | 34-01255-000 | Springfield | JEFFERSON | OH | 100.00% | 0.01389% |
| 64 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.117078 | 0.0001389 | 34-01255-000 | Springfield | JEFFERSON | OH | 100.00% | 0.01389% |
| 64 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.117078 | 0.0001389 | 34-01255-000 | Springfield | JEFFERSON | OH | 100.00% | 0.01389% |
| 64 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.058539 | 0.0000694 | 34-01255-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00694% |
| 64 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.058539 | 0.0000694 | 34-01255-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00694% |
| 64 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.234156 | 0.0002778 | 34-01255-000 | Springfield | JEFFERSON | OH | 100.00% | 0.02778% |
| 65 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF EARL R. RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.309293 | 0.0003669 | 34-01260-000 | Springfield | JEFFERSON | OH | 100.00% | 0.03669% |
| 65 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF MATTIE RUTLEDGE MCMASTER | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.309293 | 0.0003669 | 34-01260-000 | Springfield | JEFFERSON | OH | 100.00% | 0.03669% |
| 65 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF ANNA RUTLEDGE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.309293 | 0.0003669 | 34-01260-000 | Springfield | JEFFERSON | OH | 100.00% | 0.03669% |
| 65 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HAZEL KLINE DUNLAP | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.154647 | 0.0001834 | 34-01260-000 | Springfield | JEFFERSON | OH | 100.00% | 0.01834% |
| 65 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF FABER KLINE | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.154647 | 0.0001834 | 34-01260-000 | Springfield | JEFFERSON | OH | 100.00% | 0.01834% |
| 65 | THE HEIRS, SUCCESSORS, OR ASSIGNS OF HELEN M. RUTLEDGE AKA HELEN RUTLEDGE LOCKHART | SEE EXHIBIT A-2.1 FOR NAMES AND ADDRESSES OF POSSIBLE HEIRS | N | 0.618586 | 0.0007338 | 34-01260-000 | Springfield | JEFFERSON | OH | 100.00% | 0.07338% |
| 66 | CAROLE M. HOOD-RODSKY AND ADAM T. RODSKY | 963 County Highway 60 Bergholz, OH 43908 | N | 0.000000 | 0.0000000 | 34-01313-000 | Springfield | JEFFERSON | OH | 100.00% | 0.00000% |
| | | TOTAL UNITIZED ACRES IF ORC 5301.56 EFF. 3-22-1992 IS ADJUDICATED TO RESULT IN AUTOMATIC FORFEITURE OF SEVERED OIL AND GAS TO THE SURFACE OWNER: | | 12.762998 | 0.0151399 | | | | | | |
| | | TOTAL UNITIZED ACRES IF ORC 5301.56 EFF. 3-22-1992 IS ADJUDICATED TO NOT RESULT IN AUTOMATIC FORFEITURE OF SEVERED OIL AND GAS TO THE SURFACE OWNER: | | 147.755645 | 0.175273 | | | | | | |
| | | TOTAL UNIT ACRES: | | 843.003882 | | | | | | | |

GND Trust South Offset Stratigraphic Cross Section

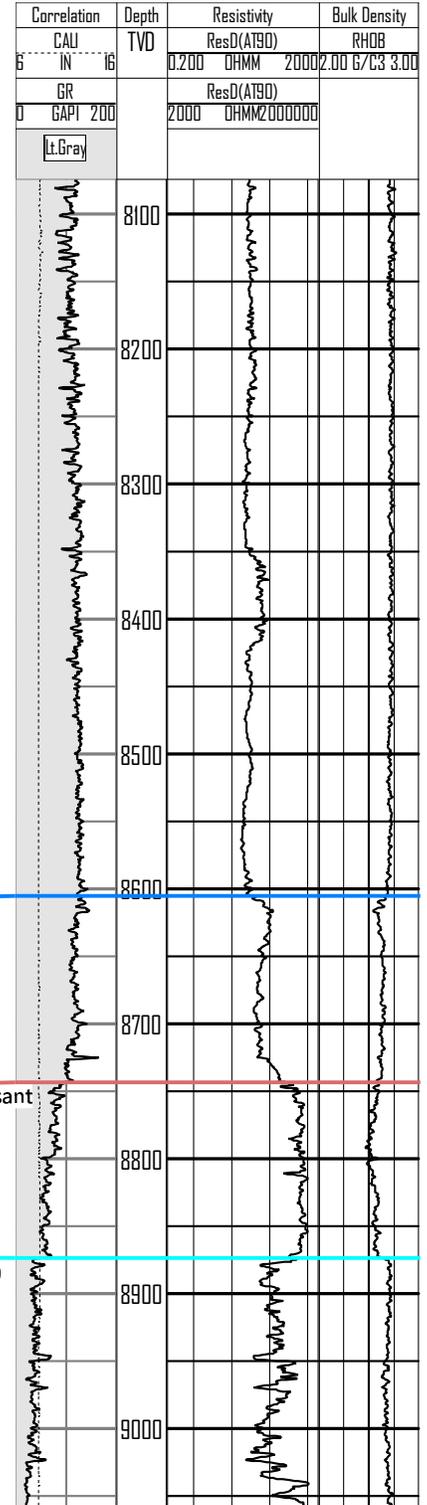
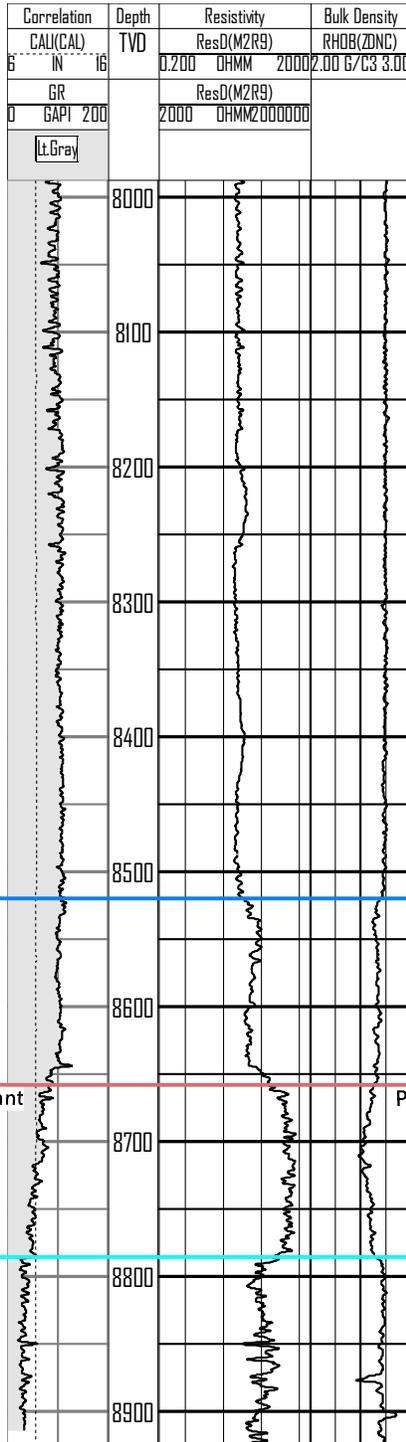
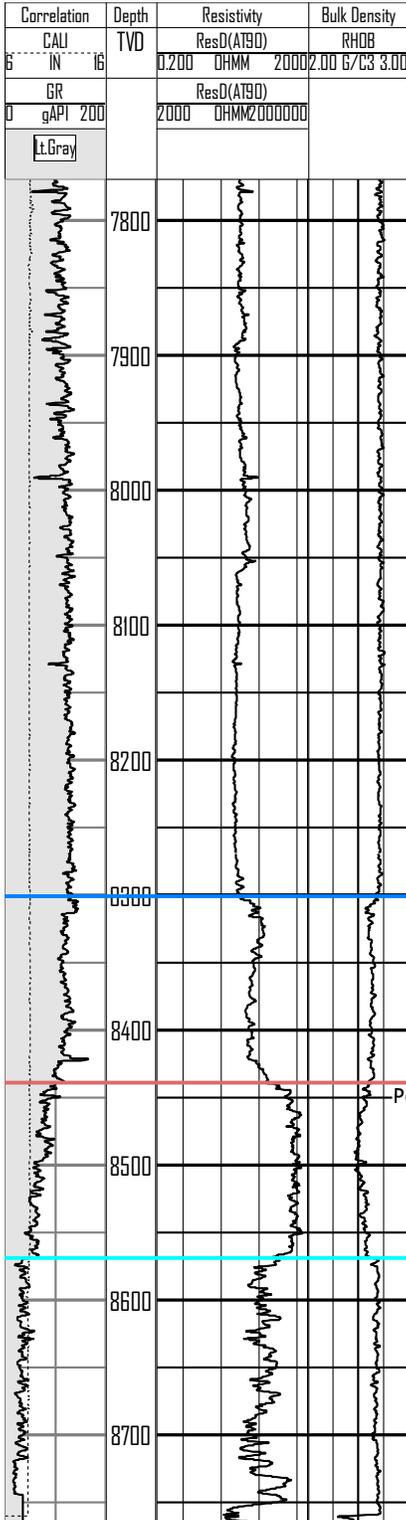
Gamma Ray Logs (0-200 API)
 Resistivity Logs (0.2 – 2000 OHMM)
 Bulk Density (2.00-3.00 g/cm3)

A 
 34081205120009
 CHK
 VAHALIK 18-11-4 8P


 34081205180009
 CHK
 DAILEY 28-10-3 3P


 34081205080009
 CHK
 ASUNCION 15-11-3 3P

A'



Utica

Utica

Point Pleasant

Point Pleasant

Trenton

Trenton

**STATE OF OHIO
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS RESOURCES MANAGEMENT**

In re the Matter of the Application of :
Chesapeake Exploration, L.L.C., for :
Unit Operation :
 :
GND Trust South Unit :

**PREPARED TESTIMONY OF ROBERT S. HIGHSAW
ON BEHALF OF CHESAPEAKE EXPLORATION, L.L.C.**

R. Neal Pierce (0028379)
Katerina E. Milenkovski (0063314)
STEPTOE & JOHNSON PLLC
Huntington Center
41 South High Street, Suite 2200
Columbus, Ohio 43215

Attorneys for Applicant,
Chesapeake Exploration, L.L.C.

PREPARED DIRECT TESTIMONY OF ROBERT S. HIGSAW

1 **INTRODUCTION.**

2 **Q1. Please state your name and business address.**

3 A1. My name is Robert S. Highsaw and my business address is 6100 N. Western
4 Avenue, Oklahoma City, Oklahoma 73154-0496.

5 **Q2. Who is your employer?**

6 A2. Chesapeake Energy Corporation.

7 **Q3. What is your position with Chesapeake?**

8 A3. My official title at Chesapeake Energy Corporation is Landman II.

9 **Q4. Please describe your professional responsibilities at Chesapeake.**

10 A4. I am responsible for assisting with our oil and gas development program in eastern
11 Ohio in Chesapeake's Appalachia South business unit.

12 **Q5. Starting with college, please describe your educational background.**

13 A5. I hold a Bachelor of Arts from the University of Oklahoma and a Juris Doctor from
14 University of Oklahoma College of Law.

15 **Q6. Please briefly describe your professional experience.**

16 A6. After graduation from law school, I worked for a number of months as a contract
17 attorney with a downtown Oklahoma City law firm performing title work.
18 Following this brief period, I have worked for Chesapeake since January 2011.

19 **Q7. What do you do as a Landman II?**

20 A7. I essentially engage in what can be considered "prospect building." After our
21 geology department identifies a play, I help execute the company's leasing and
22 development efforts in a particular area. I help facilitate development of the Utica
23 play through lease acquisitions and negotiations, joint operation negotiations, title
24 review, unit formation, wellbore planning, various permitting activities, drilling
25 wells, and other related operational activities.

26 **Q8. Are you a member of any professional associations?**

27 A8. Yes. The American Association of Professional Landmen and the Oklahoma Bar
28 Association.

29 **Q9. Were you involved in the preparation of Chesapeake Exploration, L.L.C.'s**
30 **Application for unitization with respect to the GND Trust South Unit?**

1 A9. Yes. I also am familiar with the efforts made by Chesapeake to put the GND Trust
2 South Unit together and the Unit Plan that Chesapeake is proposing.

3 **Q10. Can you generally describe the GND Trust South Unit?**

4 A10. Yes. The GND Trust South Unit consists of seventy-eight (78) separate tracts of
5 land totaling approximately 843.003882 acres in Jefferson County, Ohio.

6 **EFFORTS MADE BY CHESAPEAKE TO LEASE UNIT TRACTS.**

7 **Q11. The Application submitted by Chesapeake indicates that it owns the oil and
8 gas rights to potentially 802.933203 acres of the proposed 843.003882-acre
9 unit. Would you describe how Chesapeake acquired its rights?**

10 A11. Chesapeake acquired the vast majority of its working interest in this unit through a
11 ground floor leasing effort. In the leasing effort, Chesapeake assigned field title
12 and leasing agents to research the county records for a specific area and then secure
13 oil and gas leases with the relevant mineral owners for those particular tracts. A
14 very small portion of the unit was acquired from Eric Petroleum Corporation.

15 **Q12. What percentage of the total acreage of the GND Trust South Unit is
16 represented by the oil and gas rights held by Chesapeake and its working
17 interest partners?**

18 A12. Chesapeake and other operators control over 98% of the acreage in the unit, with
19 Chesapeake holding 95.246679% and Ascent Resources – Utica, LLC (“ARU”)
20 holding 3.239330% of the acreage in the GND Trust South Unit. Not including the
21 non-operated acreage of ARU, Chesapeake alone accounts for over 95% of this
22 Unit which still substantially exceeds the 65% statutory minimum requirement for
23 seeking unitization. It should be noted that if the Ohio Dormant Mineral Act (ORC
24 § 5301.56 EFF. 3-22-1992) is adjudicated to have resulted into automatic
25 abandonment of severed oil and gas rights to the surface owner in the absence of
26 savings events, then Chesapeake’s working interest would decrease to
27 approximately 79.233390% of the unit.

28 **Q13. Why was Chesapeake not able to acquire the oil and gas rights to all of the
29 acreage in the proposed unit?**

30 A13. The GND Trust South covers an approximate 843-acre area of land that is rife with
31 unresolved Dormant Mineral Act (“DMA”) title issues. Specifically, there was a

1 large reservation of the oil and gas under dozens of different tax parcels within the
2 GND Trust South as well as the offsetting GND Trust South. The holders of the
3 mineral interest, the “Wisener Heirs” leased to Chesapeake as did many of the
4 surface owners. Due to the uncertainty surrounding the application of the DMA, a
5 large group of surface owners of various tracts affected by the Wisener reservation
6 obtained legal counsel and reached a settlement agreement whereby the minerals
7 were split evenly between the surface owners and the Wisener Heirs by recording
8 of quit claim deeds. However, not all surface owners within the GND Trust South
9 joined in this settlement, and the surface owner of Tracts 56 and 66 has yet to
10 lease.

11 The major obstacle, however, to development of the GND Trust South Unit
12 is what is known as the Rutledge Reservation. In the 1940’s, five (5) of the six (6)
13 holders of various undivided mineral interests reserved two-thirds (2/3) of the oil
14 and gas underlying Tracts 35, 37, 39, 40, 42, 43, 45, 48, 49, 50, 60, 61, 62, 63, 64,
15 and 65. Thereafter, in a separate instrument in the 1950’s the sixth (6th) holder
16 reserved (perhaps unintentionally if the reservation was a mere reservation of the
17 prior reservation and not intended to be a new reservation—although this is
18 unclear) the remaining undivided one-third (1/3) of the oil and gas underlying all of
19 the aforementioned Tracts. No further instruments appear of record conveying any
20 of the fractional mineral interest holders’ various undivided interests, and dozens of
21 potential heirs have been identified through searches for foreign probates,
22 genealogy websites, and other open sources. Still, other potential heirs are as yet
23 unknown or unlocatable. Three (3) of the six (6) original holders, Anna Rutledge,
24 Hazel Kline Dunlap, and Faber Kline were residents of Florida in the 1940’s and all
25 presumably died in Florida. Chesapeake has created a preliminary family tree
26 tracing the lineage (as best as possible based upon incomplete information) of each
27 of the six (6) holders and is currently pursuing protection leases. Chesapeake is
28 pursuing contingency or protection leases from the potential heirs who have been
29 identified and whose current addresses Chesapeake has thus far been able obtain.
30 Due to the sheer number of potential heirs and the assumptions that must be made
31 as to succession, however, it is anticipated that Chesapeake may not be able to

1 obtain protection leases from all potential heirs, successors, or assigns of these
2 original six (6) mineral interest holders.

3 **Q14. Have you prepared affidavits detailing Chesapeake's efforts to obtain a lease**
4 **from the unleased mineral owners in the proposed unit?**

5 A14. Yes. As just discussed, Exhibit RH-1 contains affidavits which identify lease
6 efforts which were made with the unleased mineral owners.

7 **Q15. If the unleased tract owners in the unit were to ask to lease with Chesapeake,**
8 **would Chesapeake be likely to agree?**

9 A15. Absolutely. As Chesapeake has demonstrated on a number of occasions with its
10 previous unitization applications, Chesapeake remains willing to lease on
11 reasonable, fair market value terms. When dealing with exceptionally old mineral
12 reservations and unclear chains of mineral title ownership, however, it becomes
13 exceedingly difficult and onerous to locate all of the correct parties to lease or
14 protection lease. Furthermore, ultimate determination of mineral ownership will be
15 contingent upon adjudication of the Ohio Dormant Mineral Act.

16 **Q16. Could you describe the location of the leased and unleased tracts within the**
17 **GND Trust South Unit?**

18 A16. Yes. Exhibit RH-2, which is attached to my testimony, is a colored plat showing
19 each of the tracts in the GND Trust South Unit, along with the wellbores in same.
20 The tracts in yellow indicate that Chesapeake has acquired the necessary mineral
21 interests for those particular tracts. The tracts in red and cross-hatched in orange
22 indicate that those tracts are still open or partially open and unleased for purposes
23 of putting this unit together. The orange cross-hatch specifically denotes those
24 parcels which are partially unleased and subject to title issues caused by uncertainty
25 surrounding the application of the DMA. The tract in green indicates the acreage
26 owned by ARU in the GND Trust South Unit. Further, the cross-hatched green and
27 olive portions of Exhibit RH-3 depict the area currently stranded from development
28 due to the aforementioned unleased tracts within the GND Trust South Unit. In this
29 case, the entire Unit is stranded.

30 **UNIT PLAN PROVISIONS.**

31 **Q17. Would you describe generally the development plan for the GND Trust South**

1 **Unit?**

2 A17. Chesapeake plans to develop the GND Trust South Unit from a pad site located in
3 the northeast portion of the Unit, which would facilitate drilling three (3) planned
4 horizontal wells in the Unit. The Unit is configured to accommodate three
5 horizontal wellbores, all with projected lateral lengths of 10,820-10,822 feet.
6 These planned wellbores will be drilled to the southeast from the aforementioned
7 pad site. If an Order is granted for this application, and depending upon rig
8 availability and other logistical considerations, Chesapeake intends to drill the
9 GND Trust South initial well beginning sometime in Q2 2016, at the latest.

10 **Q18. Can you describe the location of the proposed wellbore within the GND Trust**
11 **South Unit?**

12 A18. Yes, the above-referenced Exhibit RH-2 depicts the configuration I just mentioned.
13 As you can see, it illustrates that we anticipate using a surface location in the
14 northeast portion of the GND Trust South Unit, and then drilling three (3) wells in
15 the Unit Area to the southeast. Additionally, in a separate unit or units which are
16 outside of the scope of this hearing, Chesapeake anticipates drilling an additional
17 three (3) wells off of the same surface location to the northeast. Using one centrally
18 located pad site to drill up to six (6) potential wellbores minimizes surface
19 disturbance in the region by fully developing multiple unit areas from only one
20 surface location. I have also attached to my testimony an aerial map illustrating the
21 pad location, identified as Exhibit RH-4.

22 **Q19. Do you know with certainty today where the drilling and completion equip-**
23 **ment will be located on the pad?**

24 A19. We have negotiated surface rights with a leased party for the area indicated on Ex-
25 hibit RH-4. A surface use agreement has been agreed upon and signed between the
26 surface owner and Chesapeake. At their closest point, the nearest potentially un-
27 leased parcels are over 500 Feet away from Chesapeake's planned surface location.
28 Aerial imagery observed via Google Earth shows no permanent structures of dwell-
29 ings within at least 1,500 Feet of the surface location. Furthermore, Chesapeake has
30 no plans to utilize the surface of any presently unleased or partially unleased parcel.

31 **Q20. What are the benefits to this type of unit development?**

1 A20. Developing the GND Trust South Unit in the manner previously described not only
2 protects the correlative rights of the unit participants, but has substantial economic
3 and environmental benefits as well. Drilling, completing and producing multiple
4 wells from a single surface location significantly reduces the impact on the surface.
5 Only one access road is constructed instead of several, the need for separate tank
6 batteries at multiple locations is eliminated, traffic to and from the area is
7 significantly reduced, and it allows development of acreage that might not
8 otherwise be developed with traditional drilling methods due to surface limitations,
9 such as local water features and residential and commercial activities. There is a
10 significant amount of acreage in eastern Ohio, where operators like Chesapeake
11 believe the Utica formation is prospective. Development through vertical wells
12 would not be practicable for two reasons: (1) because unconventional reservoirs
13 cannot be produced at economic flow rates or volumes with vertical drilling (as
14 described by Drew Hopson); and (2) because vertical wells, even if they were
15 practical, require numerous surface locations spaced at consistent intervals, which
16 become impractical in areas where the surface is already occupied with other uses
17 (such as residential and commercial activities, existing surface waters, and,
18 occasionally, timber activities). In contrast, horizontal drilling is expected to be
19 both economically practical and physically viable, since it allows operators to
20 locate surface operations on strategically located properties, which can serve as
21 centralized access points used to develop mineral acreage underlying otherwise
22 inaccessible lands.

23 **Q21. So is it fair to say that the benefits of this type of development are substantial?**

24 A21. Yes, the type of development planned by Chesapeake for the GND Trust South
25 Unit, and its adjacent units, offers significant benefits not only to the operator, but
26 also to the landowners in the unit and the surrounding area.

27 **Q22. Are you familiar with the Unit Plan proposed by Chesapeake for the GND**
28 **Trust South Unit?**

29 A22. Yes. The Unit Plan proposed by Chesapeake is set out in two documents attached
30 to the Application – the Unit Agreement, which establishes the non-operating
31 relationship between the parties in the unit; and a Unit Operating Agreement and

1 related exhibits, which establish how the unit is going to be explored, developed,
2 and produced.

3 **Q23. Let's turn first to the Unit Agreement, marked as Exhibit 1 to the Application.**
4 **Would you describe briefly what it does?**

5 A23. Yes. The Unit Agreement in effect combines the oil and gas rights in the GND
6 Trust South Unit so that they can be uniformly developed as if they were part of a
7 single oil and gas lease.

8 **Q24. Are mineral rights to all geological formations combined under the Unit**
9 **Agreement?**

10 A24. No. The Unit Agreement only unitizes the oil and gas rights located fifty feet
11 above the top of the Utica Shale to fifty feet below the base of the Point Pleasant
12 formation, defined in the Agreement as the "Unitized Formation," to allow
13 development of the Utica Shale formation.

14 **Q25. How will production proceeds from the GND Trust South Unit be allocated**
15 **among royalty interest owners and working interest owners in the Unit?**

16 A25. On a surface-acreage basis. Under Article 4 of the Unit Agreement, every tract is
17 assigned a tract participation percentage based on surface acreage and shown on
18 Exhibit A-2 to the Unit Operating Agreement. Article 5 of the Unit Agreement
19 allocates production based on that tract participation.

20 **Q26. Why use a surface-acreage basis as the method of allocation?**

21 A26. Based on the testimony of Travis Glauser attached to the Application as Exhibit 3,
22 a surface-acreage basis is an appropriate method of allocation because the
23 formation thickness and reservoir quality of the Utica formation is expected to be
24 consistent across the unit.

25 **Q27. Would you go through an example from Exhibit A-2 to the Unit Operating**
26 **Agreement to illustrate how a surface-acreage basis would be applied to the**
27 **GND Trust South Unit?**

28 A27. Yes. If you look at the fifth column on Exhibit A-2 to the Unit Operating
29 Agreement entitled "Surface Acres in Unit," it shows the number of surface acres
30 in each tract of land within the GND Trust South Unit. Column 6 on Exhibit A-2
31 shows the related tract participation of each tract, which is calculated by taking the

1 total number of surface acres in the tract and dividing it by the total number of
2 surface acres in the unit. So, for example, if you look at Tract Number 30 on page
3 6 of Exhibit A-2, it shows that this particular tract owned of record by Marian
4 Decker comprises 26.426356 surface acres in the 843.003882 acre GND Trust
5 South Unit, which equates to a tract participation of approximately 3.134785%
6 $(26.426356 \div 843.003882)$.

7 **Q28. What does that mean in terms of production allocated to that particular tract?**

8 A28. It would mean this particular tract owned by Marian Decker would have allocated
9 to it roughly 3.134785% of all production from the GND Trust South Unit, which
10 would then be distributed based on the terms of the lease or other relevant
11 document affecting ownership to production proceeds from the tract.

12 **Q29. Does it work the same way for an unleased mineral interest, that is, for the**
13 **tract of a person or entity which did not lease its property in the unit?**

14 A29. Yes. If you take a look at Exhibit A-3(A) to the Unit Operating Agreement, you
15 will see that it lists, among other things, the surface acreage, tract participation and
16 related working interest and unit participations of each unleased or partially
17 unleased parcel in the proposed unit. In the seventy-eight-tract GND Trust South
18 Unit, the Tracts listed on Exhibit A-3(A) are the unleased or potentially unleased
19 parcels in the unit area. So, for instance, if the unleased acreage of Tract 56
20 (assuming the Ohio Dormant Mineral Act is automatic) is divided by the full
21 surface acreage comprising the unit (843.003882 acres), the result gives a tract
22 participation of approximately 0.103196% for Carol M. Hood-Rodsky and Adam
23 T. Rodsky. Under the Unit Agreement, should any of the unleased landowners
24 affirmatively select the non-consenting working interest option if one is provided
25 for in the Order, the landowners would receive a 7/8 working interest and a 1/8
26 royalty interest on its respective tract participation. The landowner's royalties
27 would be calculated on the net proceeds received by Chesapeake at the well in
28 accordance with the royalty provision contained in Exhibit B to the Unit Operating
29 Agreement and rulings in the majority of gas producing jurisdictions that royalty
30 owners are responsible for their proportionate share of post-production expenses.
31 Allowing deduction of post-production expenses for purposes of royalty calculation

1 provides incentive to producers to add value to their product by post-production
2 treatment and transportation. If producers are not allowed to deduct a proportionate
3 share of royalty owners' post-production expenses that enhance the value of the
4 product, an economic loss to all parties results and the incentive to generate
5 additional value disappears because producers are required to pay for *all* post-
6 production expenses, and also surrender one-eighth of the final proceeds received.

7 **Q30. In your experience, is surface acreage allocation a customary way to allocate**
8 **production in a unit?**

9 A30. In my experience, surface-acreage allocation is both fair and customary for
10 horizontal shale development.

11 **Q31. How are unit expenses allocated?**

12 A31. Like production in the unit, unit expenses are allocated generally on a surface-
13 acreage basis. Article 3 of the Unit Agreement provides that expenses, unless
14 otherwise allocated in the Unit Operating Agreement, will be allocated to each tract
15 of land within the unit in the proportion that the surface acres of each tract bears to
16 the surface acres of the entire unit.

17 **Q32. Who pays the unit expenses?**

18 A32. Working interest owners.

19 **Q33. Do the royalty owners pay any part of the unit expenses?**

20 A33. No. Royalty interest owners are responsible only for their proportionate share of
21 taxes and post-production costs, payable only from their share of the proceeds from
22 sales of production from the unit area.

23 **Q34. Let's turn to the Unit Operating Agreement, marked as Exhibit 2 to the**
24 **Application. It appears to be based upon a form document. Could you please**
25 **identify that form document?**

26 A34. Yes. The Unit Operating Agreement is based upon *A.A.P.L. Form 610 – Model*
27 *Form Operating Agreement – 1989*. We typically use a modified version of that
28 form agreement when we enter into joint operating agreements with other parties.

29 **Q35. Are you familiar with the custom and usage of the Form 610 and other similar**
30 **agreements in the industry?**

31 A35. Yes. The Form 610, together with its exhibits, is a commonly used form in the

1 industry and is frequently modified to fit the needs of the parties and
2 circumstances.

3 **Q36. Turning to the Unit Operating Agreement in particular, does it address how**
4 **unit expenses are determined and paid?**

5 A36. Yes. Article III of the Unit Operating Agreement provides that all costs and
6 liabilities incurred in operations shall be borne and paid proportionately by the
7 working interest owners, according to their Unit Participation percentages. Those
8 percentages can be found in Exhibits A-2 and A-3(A) to the Unit Operating
9 Agreement. Moreover, the Unit Operating Agreement has attached to it an
10 accounting procedure identified as Exhibit C.

11 **Q37. What is the purpose of the document marked Exhibit C in connection with the**
12 **GND Trust South Unit?**

13 A37. The document provides greater details regarding how unit expenses are determined
14 and paid.

15 **Q38. At the top of each page of Exhibit C, there appears a label that reads:**
16 **“COPAS 1984 ONSHORE Recommended by the Council of Petroleum**
17 **Accountants Societies.” Are you familiar with this society?**

18 A38. Yes, COPAS stands for the Council of Petroleum Accountants Societies.

19 **Q39. Is this COPAS document used in oil and gas operations across the country?**

20 A39. Yes. This form is commonly used in the industry.

21 **Q40. In your opinion, is this COPAS document generally accepted in the industry?**

22 A40. Yes. Drafted by an organization that includes members from many different
23 companies in diverse sections of the industry, it was designed to be generally fair to
24 the parties. Chesapeake, in fact, is frequently subject to the COPAS in its
25 operations with other producers.

26 **Q41. Will there be in-kind contributions made by owners in the unit area for unit**
27 **operations, such as contributions of equipment?**

28 A41. No, Chesapeake Energy does not anticipate in-kind contributions for the Unit Op-
29 erations.

30 **Q42. Are there times when a working interest owner in the unit chooses not to – or**
31 **cannot – pay their allocated share of the unit expenses?**

1 A42. Yes, such a situation is not uncommon in the industry. Joint operating agreements
2 contemplate that there will be times when less than all of the working interest
3 owners choose to participate in operations on the Contract Area. The agreements
4 are drafted to allow the parties flexibility. That includes flexibility for one or more
5 working interest owners to decline to participate in an operation that they may not
6 believe will be a profitable venture or one that they cannot afford, as well as
7 flexibility for the remaining parties to proceed with such operation at their own risk
8 and expense if they wish to do so.

9 **Q43. Generally, how is the working interest accounted for when an owner chooses**
10 **not to participate in an operation?**

11 A43. A working interest owner who cannot or chooses not to participate is considered a
12 non-consenting party. If the remaining working interest owners decide to proceed
13 with an operation, then the consenting parties bear the full costs and expenses of
14 that operation. A non-consenting party is deemed to have relinquished its interest
15 in that operation until such time as the well pays out the costs that would have been
16 payable by that party, plus some sort of risk factor, sometimes called a risk penalty
17 or non-consent penalty.

18 **Q44. What is a risk penalty or non-consent penalty, and why are they included in**
19 **the agreement?**

20 A44. A risk penalty or non-consent penalty is a mechanism which recognizes that in
21 instances when a working interest owner chooses not to agree in advance to pay its
22 share of the costs of drilling a well, the other working interest owners should be
23 compensated for the financial risks they undertake in paying the costs of drilling a
24 well considering that the well may be a non-producer. Additionally, a non-consent
25 penalty can serve as a means to allow a working interest owner to finance
26 participation in a well when unable to advance its share of drilling costs.

27 **Q45. Can a working interest owner choose to go non-consent in the initial well in**
28 **the GND Trust South Unit?**

29 A45. Yes. If a working interest owner fails to participate in the unit's initial well, and if
30 that working interest owner is not a party to a separate Joint Operating Agreement
31 with Chesapeake, then Article VI.A of the Unit Operating Agreement attached to

1 this application provides that the working interest owner shall be deemed to have
2 relinquished to the other parties its working interest in the unit with a back-in
3 provision that includes a risk factor of 500%.

4 **Q46. Does the Unit Operating Agreement treat the initial well and subsequent**
5 **operations differently in terms of non-consent penalties, and if so, why?**

6 A46. No. A risk factor of 500% applies to the initial well and subsequent operations.

7 **Q47. But if the working interest owner still has a royalty interest in the unit, that**
8 **royalty interest would remain in place and be paid?**

9 A47. Yes. The royalty interest would still be paid even if the working interest is being
10 used to pay off a risk factor.

11 **Q48. Are the risk penalty/non-consent penalty percentages included in the Unit**
12 **Operating Agreement unusual?**

13 A48. No. A risk penalty of 500% is fair and reasonable for working interest owners in
14 the Utica who have acquired their rights as lessees under current oil and gas leases.
15 While Chesapeake and its peers in the industry are optimistic about development of
16 the Utica and other shale formations, the projects proposed are significant capital
17 investments (often exceeding \$7,000,000 per well to plan, drill and complete). In
18 addition, unconventional plays like the Utica are not simple, homogeneous plays.
19 Within the boundaries of the play (here, the Utica Shale generally), there are likely
20 to be areas of uneven geological performance. Therefore, given the inherent risks
21 and significant capital outlays, it is common for companies to incorporate a higher
22 risk factor in their joint operating agreements.

23 **Q49. Is a risk factor level of 500% common among the industry or in other**
24 **jurisdictions?**

25 A49. Typically within the Utica operators have pre-negotiated Joint Operating
26 Agreements which contain risk factors of 500% or sometimes even higher.

27 **Q50. How are decisions made regarding unit operations?**

28 A50. Article V of the Unit Operating Agreement designates Chesapeake Exploration,
29 L.L.C., as the Unit Operator, with full operational authority for the supervision and
30 conduct of operations in the unit. Additionally, except where otherwise provided,
31 Article XVI of the Unit Operating Agreement states that any decision,

1 determination or action to be taken by the unit participants shall be based on a
2 voting procedure in which each unit participant has a vote that corresponds in value
3 to that participant's allocated responsibility for the payment of unit expenses.

4 **Q51. I believe you've already described generally the documents in Exhibits A and**
5 **C to the Unit Operating Agreement. Let's turn therefore to Exhibit B of the**
6 **Unit Operating Agreement. What is it?**

7 A51. Exhibit B is a standard oil and gas lease form that is attached to the joint operating
8 agreement to govern any unleased interests owned by the parties. Article III.A of
9 the Unit Operating Agreement provides that if any party owns or acquires an oil
10 and gas interest in the Contract Area, then that interest shall be treated for all
11 purposes of the Unit Operating Agreement as if it were covered by the form of
12 lease attached as Exhibit B.

13 **Q52. Does this oil and gas lease contain standard provisions that Chesapeake uses in**
14 **connection with its drilling operations in Ohio and elsewhere?**

15 A52. Yes.

16 **Q53. Moving on to Exhibit D of the Unit Operating Agreement, would you describe**
17 **what it is?**

18 A53. Yes, Exhibit D is the insurance exhibit to the joint operating agreement. It sets
19 forth coverage amounts and limitations, and the insurance terms for operations
20 conducted under the Unit Operating Agreement. It requires the operator, to obtain
21 General Liability coverage, including bodily injury and property damage liability,
22 in an amount of five million dollars, which is substantially similar to those
23 employed in connection with Chesapeake's other unitized projects in the State of
24 Ohio.

25 **Q54. Would you next describe Exhibit E of the Unit Operating Agreement?**

26 A54. Yes. Exhibit E is the Gas Balancing Agreement, which further details the rights
27 and obligations of working interest parties with respect to marketing and selling
28 any production from the Contract Area. It would normally not come in to play with
29 an unleased landowner, but only with a working interest owner who desired to
30 market their share of production separately from the Operator.

1 **Q55. Has Chesapeake documented which of the working interest owners included**
2 **within the GND Trust South Unit have given their consent to the proposed**
3 **unitization?**

4 A55. Yes. Exhibit 6 to the Application documents the approvals for the Unit Plan
5 received from working interest owners included within the GND Trust South Unit,
6 up to the time that the Application was filed. Exhibit 6 gives the approval of
7 working interest owners approving the Unit Plain; currently, that being Chesapeake
8 as owner of 95.246679% (or 79.233390% if the DMA is not automatic) and ARU
9 as the owner of 3.239330%. The tracts in which Chesapeake has a working interest
10 are depicted in Exhibit 6-1.

11 **Q56. Does the Application contain a list of the fee interest owner and mineral**
12 **reservation holders who have not previously agreed to enter into any oil and**
13 **gas lease with respect to the tracts they own, or possibly own, within the GND**
14 **Trust South Unit?**

15 A56. Yes. Exhibit A-3(A) to the Unit Operating Agreement lists the “unitized parties,”
16 that is, the fee interest owner and mineral reservation holders who have not leased
17 their mineral interests to any party. For notice purposes, the proper addresses for
18 these unleased parties are listed on Exhibit A-3(A) as well. Exhibit A-3(B) lists the
19 proper address for notice purposes of the Tract or Tracts of the fee interest owner
20 whose current lease contains a pooling limitation that does not conform to the
21 development plan. It is important to emphasize that the party or parties listed on
22 Exhibit A-3(B) are already leased and are hence not unitized parties.

23 **Q57. In your professional opinion, given your education and experience, are unit**
24 **operations for the proposed GND Trust South Unit reasonably necessary to**
25 **increase substantially the ultimate recovery of oil and gas?**

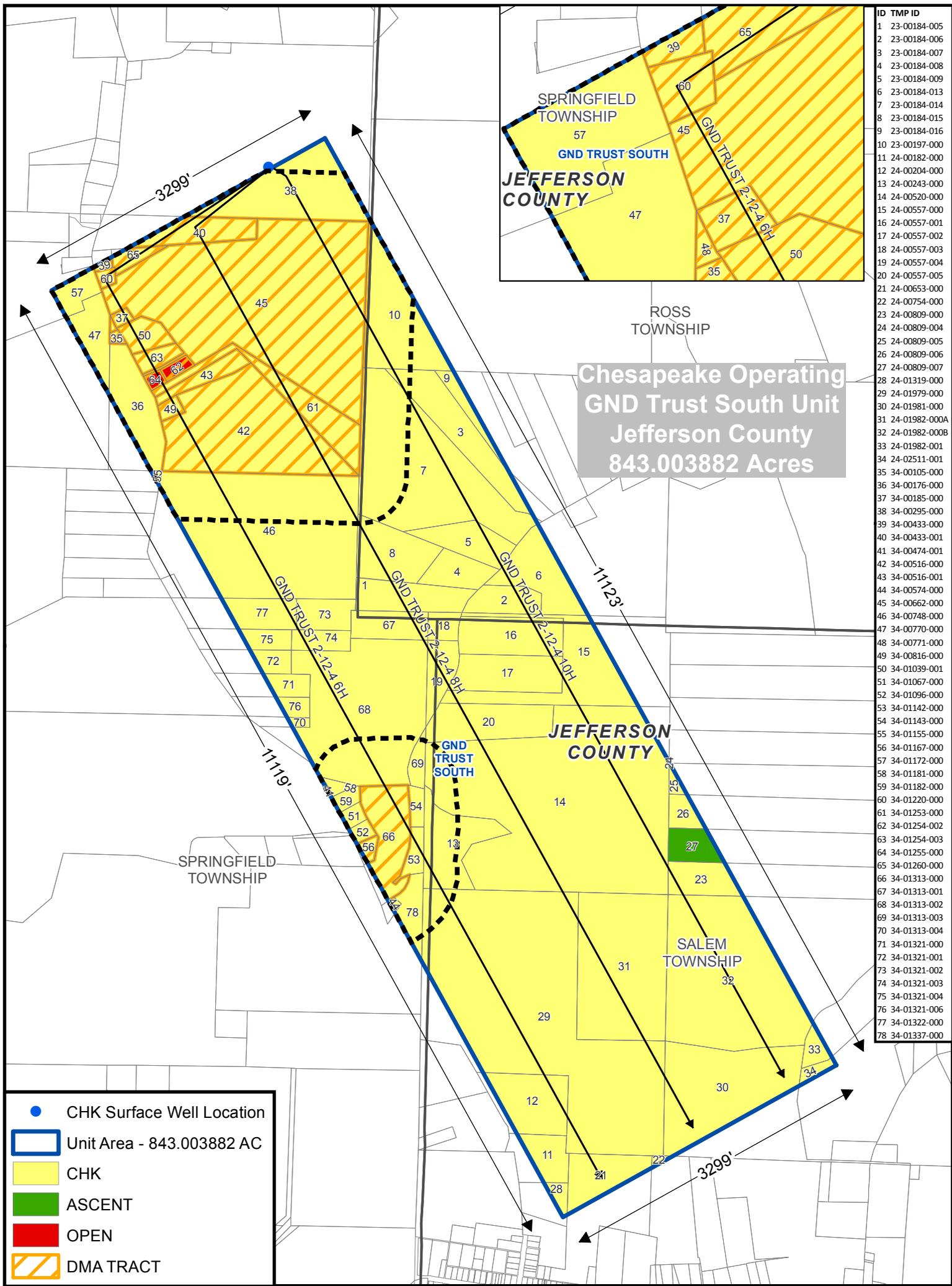
26 A57. Yes. Unit operations for the proposed GND Trust South Unit are reasonably
27 necessary to increase substantially the ultimate recovery of oil and gas. As testified
28 by my colleagues Mr. Glauser and Mr. Hopson, unit operations will promote a
29 rational and efficient development of the Utica formation underlying the GND
30 Trust South Unit. In addition, as a land professional I am supportive of any efforts
31 to reduce waste by minimizing the number of wells and surface locations utilized

1 for drilling operations. I understand that land is a valuable commodity and that
2 horizontal drilling is an excellent way to accommodate both the rights of the
3 mineral owner and the rights of the surface owner to accomplish reasonable
4 development.

5 **Q58. Does this conclude your testimony?**

6 A58. Yes.

Exhibit "RH-2"



| ID | TMP ID |
|----|---------------|
| 1 | 23-00184-005 |
| 2 | 23-00184-006 |
| 3 | 23-00184-007 |
| 4 | 23-00184-008 |
| 5 | 23-00184-009 |
| 6 | 23-00184-013 |
| 7 | 23-00184-014 |
| 8 | 23-00184-015 |
| 9 | 23-00184-016 |
| 10 | 23-00197-000 |
| 11 | 24-00182-000 |
| 12 | 24-00204-000 |
| 13 | 24-00243-000 |
| 14 | 24-00520-000 |
| 15 | 24-00557-000 |
| 16 | 24-00557-001 |
| 17 | 24-00557-002 |
| 18 | 24-00557-003 |
| 19 | 24-00557-004 |
| 20 | 24-00557-005 |
| 21 | 24-00653-000 |
| 22 | 24-00754-000 |
| 23 | 24-00809-000 |
| 24 | 24-00809-004 |
| 25 | 24-00809-005 |
| 26 | 24-00809-006 |
| 27 | 24-00809-007 |
| 28 | 24-01319-000 |
| 29 | 24-01979-000 |
| 30 | 24-01981-000 |
| 31 | 24-01982-000A |
| 32 | 24-01982-000B |
| 33 | 24-01982-001 |
| 34 | 24-02511-001 |
| 35 | 34-00105-000 |
| 36 | 34-00176-000 |
| 37 | 34-00185-000 |
| 38 | 34-00295-000 |
| 39 | 34-00433-000 |
| 40 | 34-00433-001 |
| 41 | 34-00474-001 |
| 42 | 34-00516-000 |
| 43 | 34-00516-001 |
| 44 | 34-00574-000 |
| 45 | 34-00662-000 |
| 46 | 34-00748-000 |
| 47 | 34-00770-000 |
| 48 | 34-00771-000 |
| 49 | 34-00816-000 |
| 50 | 34-01039-001 |
| 51 | 34-01067-000 |
| 52 | 34-01096-000 |
| 53 | 34-01142-000 |
| 54 | 34-01143-000 |
| 55 | 34-01155-000 |
| 56 | 34-01167-000 |
| 57 | 34-01172-000 |
| 58 | 34-01181-000 |
| 59 | 34-01182-000 |
| 60 | 34-01220-000 |
| 61 | 34-01253-000 |
| 62 | 34-01254-002 |
| 63 | 34-01254-003 |
| 64 | 34-01255-000 |
| 65 | 34-01260-000 |
| 66 | 34-01313-000 |
| 67 | 34-01313-001 |
| 68 | 34-01313-002 |
| 69 | 34-01313-003 |
| 70 | 34-01313-004 |
| 71 | 34-01321-000 |
| 72 | 34-01321-001 |
| 73 | 34-01321-002 |
| 74 | 34-01321-003 |
| 75 | 34-01321-004 |
| 76 | 34-01321-006 |
| 77 | 34-01322-000 |
| 78 | 34-01337-000 |

Chesapeake Operating
GND Trust South Unit
Jefferson County
843.003882 Acres

- CHK Surface Well Location
- Unit Area - 843.003882 AC
- CHK
- ASCENT
- OPEN
- DMA TRACT

UNIT PLAT

GND Trust South Unit
Ross, Salem, & Springfield Township
Jefferson Co., OH

1 inch = 1,250 feet

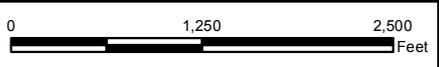


Exhibit "RH-3"



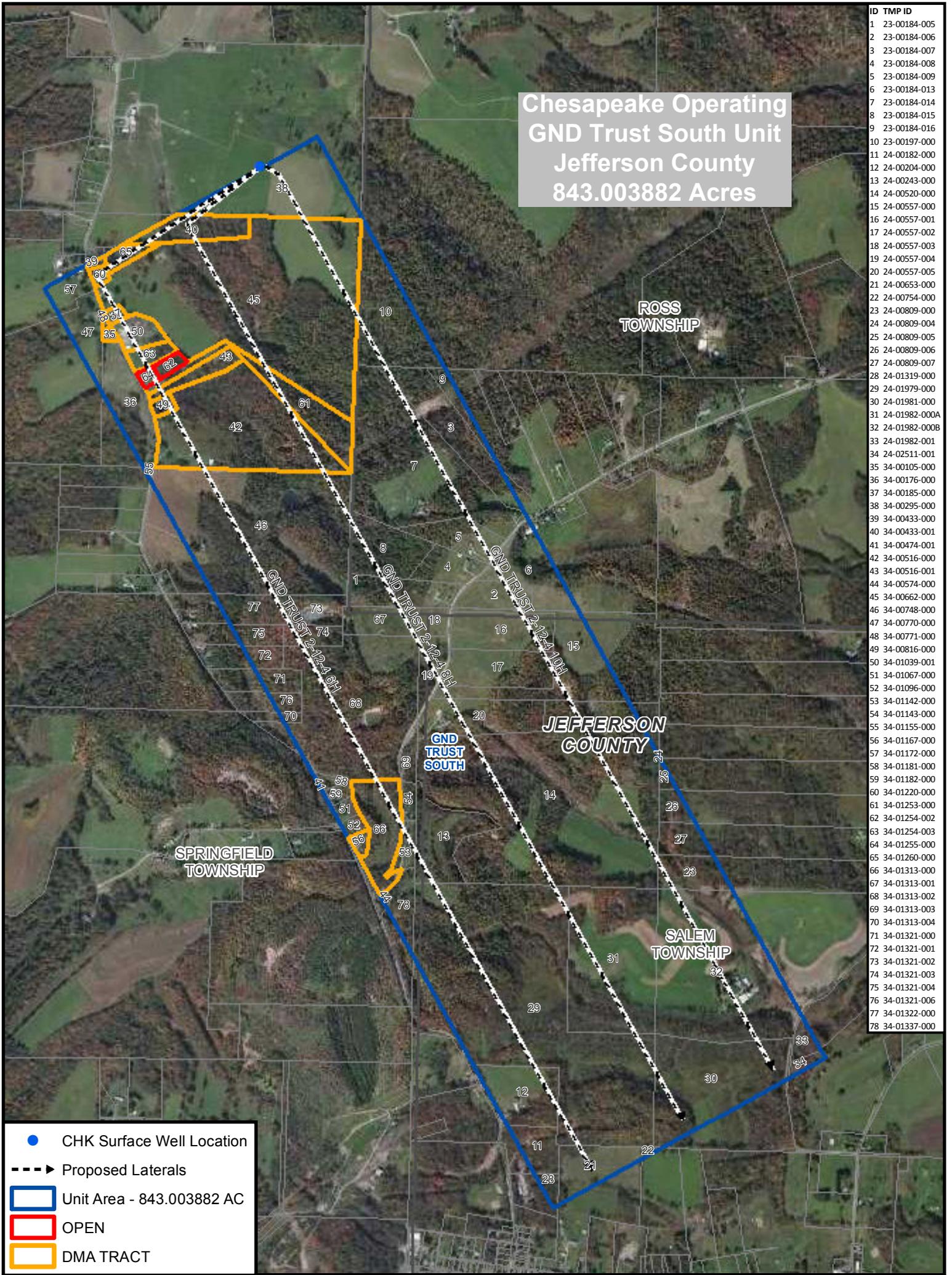
UNIT PLAT

GND Trust South Unit
Ross, Salem, & Springfield Township
Jefferson Co., OH

1 inch = 1,250 feet



Exhibit "RH-4"

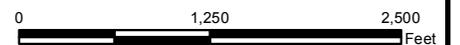


| ID | TMP ID |
|----|---------------|
| 1 | 23-00184-005 |
| 2 | 23-00184-006 |
| 3 | 23-00184-007 |
| 4 | 23-00184-008 |
| 5 | 23-00184-009 |
| 6 | 23-00184-013 |
| 7 | 23-00184-014 |
| 8 | 23-00184-015 |
| 9 | 23-00184-016 |
| 10 | 23-00197-000 |
| 11 | 24-00182-000 |
| 12 | 24-00204-000 |
| 13 | 24-00243-000 |
| 14 | 24-00520-000 |
| 15 | 24-00557-000 |
| 16 | 24-00557-001 |
| 17 | 24-00557-002 |
| 18 | 24-00557-003 |
| 19 | 24-00557-004 |
| 20 | 24-00557-005 |
| 21 | 24-00653-000 |
| 22 | 24-00754-000 |
| 23 | 24-00809-000 |
| 24 | 24-00809-004 |
| 25 | 24-00809-005 |
| 26 | 24-00809-006 |
| 27 | 24-00809-007 |
| 28 | 24-01319-000 |
| 29 | 24-01979-000 |
| 30 | 24-01981-000 |
| 31 | 24-01982-000A |
| 32 | 24-01982-000B |
| 33 | 24-01982-001 |
| 34 | 24-02511-001 |
| 35 | 34-00105-000 |
| 36 | 34-00176-000 |
| 37 | 34-00185-000 |
| 38 | 34-00295-000 |
| 39 | 34-00433-000 |
| 40 | 34-00433-001 |
| 41 | 34-00474-001 |
| 42 | 34-00516-000 |
| 43 | 34-00516-001 |
| 44 | 34-00574-000 |
| 45 | 34-00662-000 |
| 46 | 34-00748-000 |
| 47 | 34-00770-000 |
| 48 | 34-00771-000 |
| 49 | 34-00816-000 |
| 50 | 34-01039-001 |
| 51 | 34-01067-000 |
| 52 | 34-01096-000 |
| 53 | 34-01142-000 |
| 54 | 34-01143-000 |
| 55 | 34-01155-000 |
| 56 | 34-01167-000 |
| 57 | 34-01172-000 |
| 58 | 34-01181-000 |
| 59 | 34-01182-000 |
| 60 | 34-01220-000 |
| 61 | 34-01253-000 |
| 62 | 34-01254-002 |
| 63 | 34-01254-003 |
| 64 | 34-01255-000 |
| 65 | 34-01260-000 |
| 66 | 34-01313-000 |
| 67 | 34-01313-001 |
| 68 | 34-01313-002 |
| 69 | 34-01313-003 |
| 70 | 34-01313-004 |
| 71 | 34-01321-000 |
| 72 | 34-01321-001 |
| 73 | 34-01321-002 |
| 74 | 34-01321-003 |
| 75 | 34-01321-004 |
| 76 | 34-01321-006 |
| 77 | 34-01322-000 |
| 78 | 34-01337-000 |

UNIT PLAT

**GND Trust South Unit
Ross, Salem, & Springfield Township
Jefferson Co., OH**

1 inch = 1,250 feet



WORKING INTEREST OWNER

APPROVAL OF

UNIT PLAN FOR THE

GND TRUST SOUTH UNIT

Ross/Salem/Springfield Townships

Jefferson County, Ohio

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, a Unit Plan has been prepared for the testing, development, and operation of certain Tracts identified therein, which Plan consists of an agreement entitled, "Unit Agreement, The GND Trust South Unit, Ross/Salem/Springfield Townships, Jefferson County, Ohio," dated July 21, 2015 (the "Unit Agreement"); and an agreement entitled, "A.A.P.L. Form 610-1989 Model Form Operating Agreement," also regarding the GND Trust South Unit and of like date (the "Unit Operating Agreement"); and

WHEREAS, the undersigned is the owner of a Working Interest in and to one or more of the Tracts identified in said Unit Plan, namely, the Tracts identified below (hereinafter, the "Owner").

NOW, THEREFORE, the Owner hereby approves** the Unit Plan and acknowledges receipt of full and true copies of both the Unit Agreement and the Unit Operating Agreement.

IN WITNESS WHEREOF, the undersigned has executed this instrument on the date set forth opposite the signature of its representative.

WORKING INTEREST OWNER

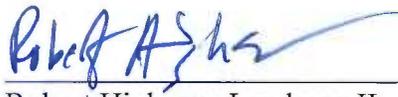
TRACT NO. (see attached)

TRACT ACREAGE 802.933203*

RELATED WORKING INTEREST PERCENTAGE 95.246679%%*

CHESAPEAKE EXPLORATION, L.L.C.
CHK UTICA, L.L.C.

Date 9/24/2015

By: 
Robert Highsaw, Landman II – Appalachia South

*Some of Chesapeake's acreage is subject to Ohio's Dormant Mineral Act ("DMA") statute. Depending upon future interpretation by Ohio's judicial system, some DMA tracts may or may not be currently leased. If the Ohio Dormant Mineral Act (ORC § 5301.56 EFF. 3-22-1992) is adjudicated to not result in automatic abandonment of dormant mineral interests to the owner of the surface of the land subject to the interest, Chesapeake's Tract Acreage decreases to approximately 667.940556 acres and the Related Working Interest Percentage falls to 79.233390%% in the GND Trust South Unit.

**Per its Development Agreement and global Joint Operating Agreement with TOTAL E&P USA, Inc., Chesapeake Exploration, L.L.C., as Operator, is authorized to file this application on behalf of TOTAL E&P USA, Inc.

WORKING INTEREST OWNER

APPROVAL OF

UNIT PLAN FOR THE

GND TRUST SOUTH UNIT

Ross/Salem/Springfield Townships

Jefferson County, Ohio

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, a Unit Plan has been prepared for the testing, development, and operation of certain Tracts identified therein, which Plan consists of an agreement entitled, "Unit Agreement, The GND Trust South Unit, Ross/Salem/Springfield Townships, Jefferson County, Ohio," dated July 21, 2015 (the "Unit Agreement"); and an agreement entitled, "A.A.P.L. Form 610-1989 Model Form Operating Agreement," also regarding the GND Trust South Unit and of like date (the "Unit Operating Agreement"); and,

WHEREAS, the undersigned is the owner of a Working Interest in and to one or more of the Tracts identified in said Unit Plan, namely, the Tracts identified below (hereinafter, the "Owner").

NOW, THEREFORE, the Owner hereby approves* the Unit Plan and acknowledges receipt of full and true copies of both the Unit Agreement and the Unit Operating Agreement.

IN WITNESS WHEREOF, the undersigned has executed this instrument on the date set forth opposite the signature of its representative.

WORKING INTEREST OWNER

TRACT NO. 27, 32, 33

TRACT ACREAGE 27.307681

RELATED WORKING INTEREST PERCENTAGE 3.239330%

Ascent Resources-Utica, LLC

Date 9/22/15

By: _____

Name: Kade Smith ^{MS}

Title: Land Manager ^{MWR}

**Such approval to the Application, however, shall not be deemed as an election of any kind from ARU to participate in the above referenced unit as ARU's leasehold is contemplated in a Lease Exchange Agreement between ARU and CHK, dated 9/1/2015.*

Exhibit 6

Exhibit 1

Working Interest Owners

Attached to and made a part of that certain Unit Operating Agreement dated July 21, 2015 for the GND Trust South Unit.

| TRACT NUMBER | LESSOR | SURFACE ACRES IN UNIT | TAX MAP PARCEL ID NUMBERS |
|--------------|--|-----------------------|---------------------------|
| 1 | JOSEPH F. DEPILO AND PATRICIA L. DEPILO | 0.000000 | 23-00184-005 |
| 1 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 6.848206 | 23-00184-005 |
| 1 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 1.369641 | 23-00184-005 |
| 2 | CHARLES WILLIAM CORDER, SR. AND DIANE L. CORDER | 2.447667 | 23-00185-006 |
| 2 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 2.039722 | 23-00185-006 |
| 2 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.407944 | 23-00185-006 |
| 3 | RONALD R. REASONER AND AMY D. REASONER | 0.000000 | 23-00184-007 |

| TRACT NUMBER | LESSOR | SURFACE ACRES IN UNIT | TAX MAP PARCEL ID NUMBERS |
|--------------|--|-----------------------|---------------------------|
| 3 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 10.266489 | 23-00184-007 |
| 3 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 2.053298 | 23-00184-007 |
| 4 | MICHAEL J. MAJORIS AND TRINITY E. MAJORIS | 0.000000 | 23-00184-008 |
| 4 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 4.205531 | 23-00184-008 |
| 4 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.841106 | 23-00184-008 |
| 5 | KEVIN R. BELL | 0.000000 | 23-00184-009 |

| TRACT NUMBER | LESSOR | SURFACE ACRES IN UNIT | TAX MAP PARCEL ID NUMBERS |
|--------------|--|-----------------------|---------------------------|
| 5 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 5.588945 | 23-00184-009 |
| 5 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 1.117789 | 23-00184-009 |
| 6 | CARYL A. TAYLOR AND FRANK PHILLIPS | 10.112663 | 23-00184-013 |
| 7 | RONALD R. REASONER AND AMY D. REASONER | 0.000000 | 23-00184-014 |
| 7 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 33.263932 | 23-00184-014 |
| 7 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 6.652786 | 23-00184-014 |
| 8 | RONALD R. REASONER AND AMY D. REASONER | 0.000000 | 23-00184-015 |

| TRACT NUMBER | LESSOR | SURFACE ACRES IN UNIT | TAX MAP PARCEL ID NUMBERS |
|--------------|--|-----------------------|---------------------------|
| 8 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 8.310346 | 23-00184-015 |
| 8 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 1.662069 | 23-00184-015 |
| 9 | KELLY M. BETHEL | 0.000000 | 23-00184-016 |
| 9 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 2.119795 | 23-00184-016 |
| 9 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.423959 | 23-00184-016 |
| 10 | ROBERT H. AND DARLA KAY KIRK | 17.325768 | 23-00197-000 |
| 11 | RONALD D. MCELROY, SR. AND RAYLENE G. MCELROY | 4.538938 | 24-00182-000 |
| 12 | MARIAN DECKER | 10.348737 | 24-00204-000 |
| 13 | LOUISE CARTER, BEVERLY WILEY, EDITH AND ROBER LENIGAR, AND BARBARA AND PAUL LENIGAR | 11.157796 | 24-00243-000 |
| 14 | ELIZABETH L. BOGGESS | 45.543619 | 24-00520-000 |
| 14 | EDGAR L. HARMON AND GLORIA F. HARMON | 45.543619 | 24-00520-000 |
| 15 | CHARLES WILLIAM CORDER, SR. AND DIANE L. CORDER | 8.185678 | 24-00557-000 |

| TRACT NUMBER | LESSOR | SURFACE ACRES IN UNIT | TAX MAP PARCEL ID NUMBERS |
|--------------|--|-----------------------|---------------------------|
| 15 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 6.821398 | 24-00557-000 |
| 15 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 1.364280 | 24-00557-000 |
| 16 | CHARLES WILLIAM CORDER, SR. AND DIANE L. CORDER | 5.028888 | 24-00557-001 |
| 16 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 4.190740 | 24-00557-001 |
| 16 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.838148 | 24-00557-001 |
| 17 | CHARLES WILLIAM CORDER, SR. AND DIANE L. CORDER | 4.995108 | 24-00557-002 |

| TRACT NUMBER | LESSOR | SURFACE ACRES IN UNIT | TAX MAP PARCEL ID NUMBERS |
|--------------|--|-----------------------|---------------------------|
| 17 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 4.162590 | 24-00557-002 |
| 17 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.832518 | 24-00557-002 |
| 18 | JEFFREY J. FENSTERMAKER AND CHRISTINE A. FENSTERMAKER | 1.120574 | 24-00557-003 |
| 18 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 0.933812 | 24-00557-003 |
| 18 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.186762 | 24-00557-003 |
| 19 | JEFFREY J. FENSTERMAKER AND CHRISTINE A. FENSTERMAKER | 2.314471 | 24-00557-004 |

| TRACT NUMBER | LESSOR | SURFACE ACRES IN UNIT | TAX MAP PARCEL ID NUMBERS |
|--------------|--|-----------------------|---------------------------|
| 19 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 1.928726 | 24-00557-004 |
| 19 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.385745 | 24-00557-004 |
| 20 | DEBRA S. CORDER | 5.543793 | 24-00557-005 |
| 20 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 4.619828 | 24-00557-005 |
| 20 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.923966 | 24-00557-005 |
| 21 | RALPH A. & RUTH E. GALLOWAY | 7.822521 | 24-00653-000 |
| 22 | RONALD G. WAGGONER | 0.325775 | 24-00754-000 |
| 23 | PHILLIP B. JORDAN | 5.526117 | 24-00809-000 |
| 24 | THOMAS E. MCGAUGHEY | 0.000317 | 24-00809-004 |
| 25 | ROBERT SERDAR AND JUDITH I. SERDAR | 0.747567 | 24-00809-005 |
| 26 | ROBERT SERDAR AND JUDITH I. SERDAR | 2.387801 | 24-00809-006 |
| 28 | RONALD D. MCELROY, SR. AND RAYLENE G. MCELROY | 1.246053 | 24-01319-000 |
| 29 | MARIAN DECKER | 0.000000 | 24-01979-000 |
| 29 | ALBERTA JEAN CADY AND EUGENE CADY | 45.579695 | 24-01979-000 |
| 29 | JUNE BARKLEY | 45.579695 | 24-01979-000 |
| 30 | MARIAN DECKER | 26.426356 | 24-01981-000 |
| 31 | RANDY J. TINNEY | 0.000000 | 24-01982-000A |
| 31 | ALBERTA JEAN CADY AND EUGENE CADY | 16.629872 | 24-01982-000A |
| 31 | JUNE BARKLEY | 16.629872 | 24-01982-000A |
| 32 | MARY E. SCOTT FKA MARY E. SIMMONS | 22.382325 | 24-01982-000B |
| 32 | RANDY J. TINNEY | 0.000000 | 24-01982-000B |
| 33 | MARY E. SCOTT FKA MARY E. SIMMONS | 0.937028 | 24-01982-001 |
| 33 | JAMES MILLS | 0.000000 | 24-01982-001 |

| TRACT NUMBER | LESSOR | SURFACE ACRES IN UNIT | TAX MAP PARCEL ID NUMBERS |
|--------------|--|-----------------------|---------------------------|
| 34 | BETTY MAZUR AND ALFRED J. MAZUR, ACTING BY AND THROUGH HIS AGENT AND ATTORNEY-IN-FACT, FRANKLIN J. MAZUR | 1.055893 | 24-02511-001 |
| 35 | JOHN R. MILLER AND MARY ELLEN MILLER | 0.000000 | 34-00105-000 |
| 36 | DANIEL L. DECKER AND AMBER M. DECKER | 10.174705 | 34-00176-000 |
| 37 | EMERY TINGLER AND NINA M. TINGLER | 0.000000 | 34-00185-000 |
| 38 | GEORGE N. DAVIS | 19.432927 | 34-00295-000 |
| 39 | RALPH E. RUTLEDGE AND JOANN S. RUTLEDGE | 0.000000 | 34-00433-000 |
| 40 | RALPH E. RUTLEDGE AND JOANN S. RUTLEDGE | 0.000000 | 34-00433-001 |
| 41 | HAROLD H. DAVIS AND ELDA E. DAVIS | 0.253521 | 34-00474-001 |
| 42 | BETH A. MYERS | 0.000000 | 34-00516-000 |
| 43 | DANIEL L. WARNER | 0.000000 | 34-00516-001 |
| 44 | BRENT GAMRON AND ADINA GAMRON | 0.000000 | 34-00574-000 |
| 44 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 0.217415 | 34-00574-000 |
| 44 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.043483 | 34-00574-000 |
| 45 | HELEN RUTLEDGE | 0.000000 | 34-00662-000 |
| 46 | ROBERT W. HANLIN AND JULIE L. HANLIN | 54.209562 | 34-00748-000 |
| 47 | EMERY TINGLER AND NINA M. TINGLER | 5.764647 | 34-00770-000 |
| 48 | EMERY TINGLER AND NINA M. TINGLER | 0.000000 | 34-00771-000 |
| 49 | DANIEL L. WARNER | 0.000000 | 34-00816-000 |
| 50 | RONALD D. MCELROY AND RAYLENE G. MCELROY | 0.000000 | 34-01039-001 |
| 51 | KENNETH F. WASCO AND DIANE M. WASCO | 0.000000 | 34-01067-000 |
| 51 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 0.875123 | 34-01067-000 |

| TRACT NUMBER | LESSOR | SURFACE ACRES IN UNIT | TAX MAP PARCEL ID NUMBERS |
|--------------|--|-----------------------|---------------------------|
| 51 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.175025 | 34-01067-000 |
| 52 | KENNETH F. WASCO AND DIANE M. WASCO | 0.000000 | 34-01096-000 |
| 52 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 0.824345 | 34-01096-000 |
| 52 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.164869 | 34-01096-000 |
| 53 | BEVERLY WILEY, EDITH LENIGAR AND ROBERT LENIGAR, AND BARBARA LENIGAR AND PAUL LENIGAR | 0.000000 | 34-01142-000 |
| 53 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 1.755391 | 34-01142-000 |
| 53 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.351078 | 34-01142-000 |
| 54 | SHAWN BROCKWAY AND JODY BROCKWAY | 0.000000 | 34-01143-000 |

| TRACT NUMBER | LESSOR | SURFACE ACRES IN UNIT | TAX MAP PARCEL ID NUMBERS |
|--------------|--|-----------------------|---------------------------|
| 54 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 1.256045 | 34-01143-000 |
| 54 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.251209 | 34-01143-000 |
| 55 | DONNA L. STINE | 0.213806 | 34-01155-000 |
| 56 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 0.724958 | 34-01167-000 |
| 56 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.144992 | 34-01167-000 |
| 57 | JAMES T. SUTTON AND LORETTA SUTTON | 3.266386 | 34-01172-000 |
| 58 | LEO B. SCOPEL | 0.000000 | 34-01181-000 |

| TRACT NUMBER | LESSOR | SURFACE ACRES IN UNIT | TAX MAP PARCEL ID NUMBERS |
|--------------|--|-----------------------|---------------------------|
| 58 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 0.575996 | 34-01181-000 |
| 58 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.115199 | 34-01181-000 |
| 59 | LEO B. SCOPEL | 0.000000 | 34-01182-000 |
| 59 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 0.928182 | 34-01182-000 |
| 59 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.185636 | 34-01182-000 |
| 60 | RONALD G. GOWER AND MARGARET E. GOWER | 0.000000 | 34-01220-000 |
| 61 | DANIEL L. WARNER | 0.000000 | 34-01253-000 |
| 63 | HELEN RUTLEDGE | 0.000000 | 34-01254-003 |
| 65 | CAROLE JANE BROWNFIELD | 0.000000 | 34-01260-000 |

| TRACT NUMBER | LESSOR | SURFACE ACRES IN UNIT | TAX MAP PARCEL ID NUMBERS |
|--------------|--|-----------------------|---------------------------|
| 66 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 8.407048 | 34-01313-000 |
| 66 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 1.681410 | 34-01313-000 |
| 67 | JEFFREY J. FENSTERMAKER AND CHRISTINE A. FENSTERMAKER | 2.757473 | 34-01313-001 |
| 67 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 2.297894 | 34-01313-001 |
| 67 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.459579 | 34-01313-001 |
| 68 | JEFFREY J. FENSTERMAKER AND CHRISTINE A. FENSTERMAKER | 20.615961 | 34-01313-002 |

| TRACT NUMBER | LESSOR | SURFACE ACRES IN UNIT | TAX MAP PARCEL ID NUMBERS |
|--------------|--|-----------------------|---------------------------|
| 68 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 17.179967 | 34-01313-002 |
| 68 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 3.435993 | 34-01313-002 |
| 69 | DEBRA S. MCELROY, FKA DEBRA S. CORDER AND WILLIAM D. MCELROY | 0.928693 | 34-01313-003 |
| 69 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 0.773911 | 34-01313-003 |
| 69 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.154782 | 34-01313-003 |
| 70 | JEFFREY J. FENSTERMAKER AND CHRISTINE A. FENSTERMAKER | 0.245742 | 34-01313-004 |

| TRACT NUMBER | LESSOR | SURFACE ACRES IN UNIT | TAX MAP PARCEL ID NUMBERS |
|--------------|--|-----------------------|---------------------------|
| 70 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 0.204785 | 34-01313-004 |
| 70 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.040957 | 34-01313-004 |
| 71 | JEFFREY J. FENSTERMAKER AND CHRISTINE A. FENSTERMAKER | 1.187276 | 34-01321-000 |
| 71 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 0.989397 | 34-01321-000 |
| 71 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.197879 | 34-01321-000 |
| 72 | HIDDEN VALLEY RANCH, LLC | 1.061940 | 34-01321-001 |

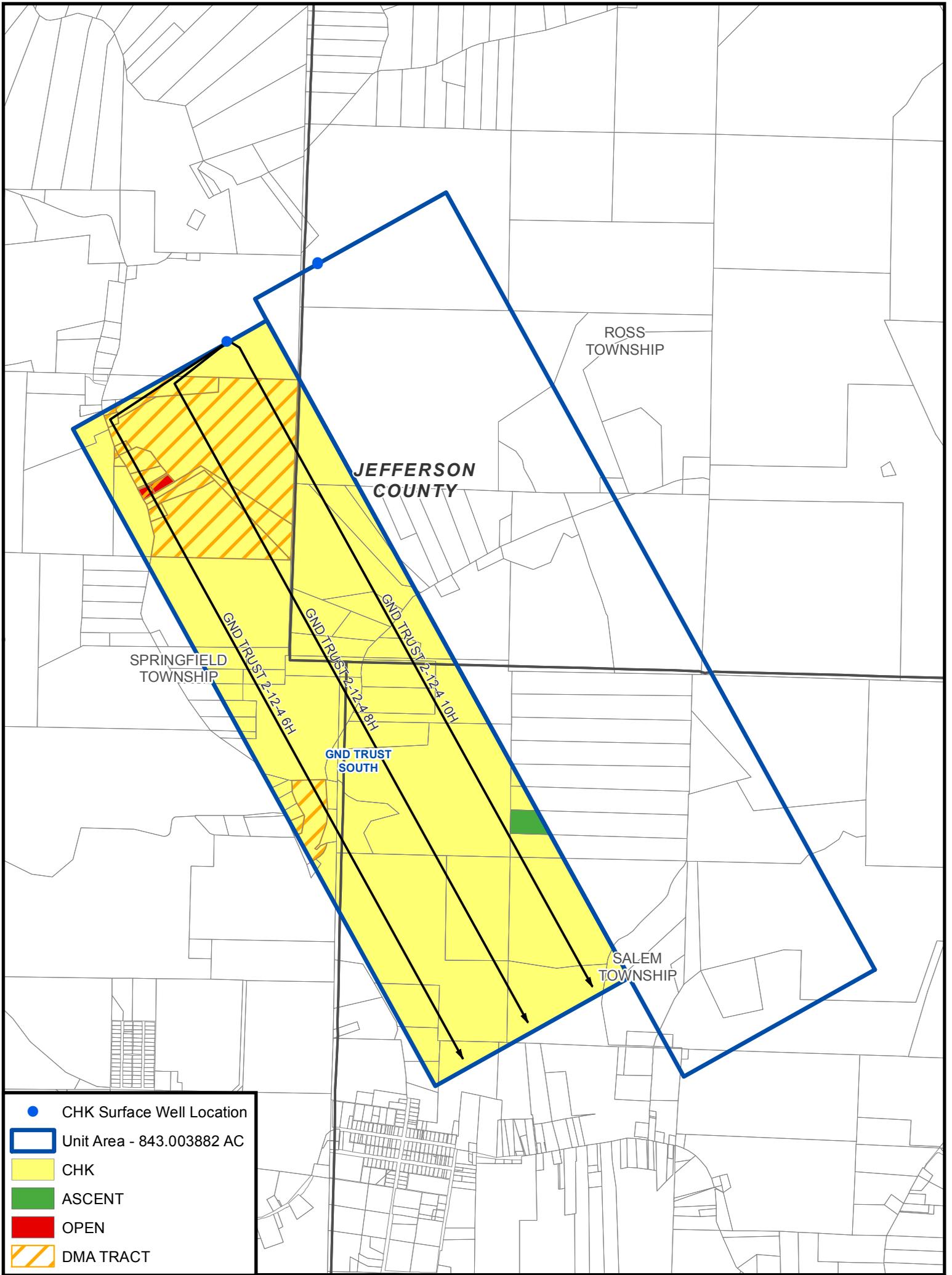
| TRACT NUMBER | LESSOR | SURFACE ACRES IN UNIT | TAX MAP PARCEL ID NUMBERS |
|--------------|--|-----------------------|---------------------------|
| 72 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 0.884950 | 34-01321-001 |
| 72 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.176990 | 34-01321-001 |
| 73 | JEFFREY J. FENSTERMAKER AND CHRISTINE A. FENSTERMAKER | 2.211377 | 34-01321-002 |
| 73 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 1.842814 | 34-01321-002 |
| 73 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.368563 | 34-01321-002 |
| 74 | JEFFREY J. FENSTERMAKER AND CHRISTINE A. FENSTERMAKER | 1.535274 | 34-01321-003 |

| TRACT NUMBER | LESSOR | SURFACE ACRES IN UNIT | TAX MAP PARCEL ID NUMBERS |
|--------------|--|-----------------------|---------------------------|
| 74 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 1.279395 | 34-01321-003 |
| 74 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.255879 | 34-01321-003 |
| 75 | DEBRA S. CULP | 1.242871 | 34-01321-004 |
| 75 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 1.035726 | 34-01321-004 |
| 75 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.207145 | 34-01321-004 |
| 76 | JEFFREY J. FENSTERMAKER AND CHRISTINE A. FENSTERMAKER | 0.746189 | 34-01321-006 |

| TRACT NUMBER | LESSOR | SURFACE ACRES IN UNIT | TAX MAP PARCEL ID NUMBERS |
|--------------|--|-----------------------|---------------------------|
| 76 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 0.621824 | 34-01321-006 |
| 76 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.124365 | 34-01321-006 |
| 77 | JEFFREY J. FENSTERMAKER AND CHRISTINE A. FENSTERMAKER | 2.614096 | 34-01322-000 |
| 77 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 2.178414 | 34-01322-000 |
| 77 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.435683 | 34-01322-000 |
| 78 | RICHARD L. ECKENRODE AND BRENDA J. ECKENRODE | 1.904765 | 34-01337-000 |

| TRACT NUMBER | LESSOR | SURFACE ACRES IN UNIT | TAX MAP PARCEL ID NUMBERS |
|---|--|-----------------------|---------------------------|
| 78 | GEORGE KNAPP, INDIVIDUALLY AND AS AUTHORIZED AGENT AND ATTORNEY-IN-FACT FOR MARTHA A. KNAPP, WIFE OF GEORGE W. KNAPP, GEORGE E. CORROCCI AND ROSARIE M. CORROCCI, HUSBAND AND WIFE, ROBERT G. LEWIS AND L. JANE LEWIS, HUSBAND AND WIFE, CARL L. GRIMM AND DEBRA A. GRIMM HUSBAND AND WIFE, WILLIAM H. WESTLAKE, A SINGLE MAN, LARRY P. CORROCCI, JR., A SINGLE MAN, DALE M. WESTLAKE AND DEMENICA M. WESTLAKE, HUSBAND AND WIFE, JAMES MICHAEL LEMAL, JR. AND RENEE LYNN LEMAL, HUSBAND AND WIFE, KENNETH LEE LEMAN AND THERESA RENFRO LEMAL, HUSBAND AND WIFE, ROBERT LEMAN AND MELISSA C. LEMAL, HUSBAND AND WIFE, MICHELLE LEMAL, A SINGLE WOMAN, JOHN FRANCIS LEMAL AND BUNNY LEE LEMAL, HUSBAND AND WIFE, CARRIE ANN MCCLELLAN AND JOHN RICHARD MCCLELLAN, WIFE AND HUSBAND, CAROLINE CHRISTINE CARDWELL AND JAMES DOUGLAS CARDWELL, WIFE AND HUSBAND, PAUL EDWARD LEMAN AND ELEANOR LEMAL, HUSBAND AND WIFE | 1.587304 | 34-01337-000 |
| 78 | MEGAN ANN PAUL FKA MEGAN ANN MORRISON AND KENNETH W. PAUL | 0.317461 | 34-01337-000 |
| TOTAL LEASED ACRES IF ORC 5301.56 EFF. 3-22-1992 IS ADJUDICATED TO RESULT IN AUTOMATIC FORFEITURE OF SEVERED OIL AND GAS TO THE SURFACE OWNER: | | 802.933203 | |
| TOTAL LEASED ACRES IF ORC 5301.56 EFF. 3-22-1992 IS ADJUDICATED TO NOT RESULT IN AUTOMATIC FORFEITURE OF SEVERED OIL AND GAS TO THE SURFACE OWNER: | | 667.940556 | |

Exhibit 7 to
GND Trust South
Unitization Application



- CHK Surface Well Location
- Unit Area - 843.003882 AC
- CHK
- ASCENT
- OPEN
- DMA TRACT

UNIT PLAT

GND Trust South Unit
Ross, Salem, & Springfield Township
Jefferson Co., OH

1 inch = 1,750 feet

