



# Ohio Department of Natural Resources

JOHN R. KASICH, GOVERNOR

JAMES ZEHRINGER, DIRECTOR

*Richard J. Simmers, Chief*  
Division of Oil and Gas Resources  
Management  
2045 Morse Road – Bldg. F-2  
Columbus, OH 43229-6693  
Phone: (614) 265-6922 Fax: (614) 265-6910

## **ORDER BY THE CHIEF**

January 29, 2014

**ORDER NO. 2015-16**

**TO: Chesapeake Exploration, L.L.C.**  
**6100 N. Western Ave.**  
**P.O. Box 18496**  
**Oklahoma City, Oklahoma 73154-0496**

**RE: Application for Unitization**  
**Barnhart South Unit**  
**Carroll County, Ohio**

**SUBJECT: Order for Unit Operations of the Utica/Point Pleasant Formations**

Pursuant to Ohio Revised Code Section 1509.28, the Chief of the Division of Oil and Gas Resources Management (“Chief” or “Division”) makes the following Findings and issues the following Order:

### **BACKGROUND**

- 1) On July 22, 2014, Chesapeake Exploration, L.L.C. (“Chesapeake”) filed an application pursuant to Revised Code 1509.28 to operate as a unit the Utica/Point Pleasant Formations at an approximate true vertical depth located from fifty (50) feet above the top of the Utica Shale to fifty (50) feet below the base of the Point Pleasant Formation. The proposed “Unit Area” is 444.517207 acres in Perry Township, Carroll County, Ohio. The proposed Unit Area is comprised of a total of sixty-three (63) tracts, and known as the “Barnhart South Unit.” The application included a Unit Agreement, Unit Operating Agreement, and relevant exhibits. The application also included the pre-filed testimony of the following Chesapeake employees: Larry Carter, Geologist; David Yard, Reservoir Engineer; and Blaine Booher, Landman.

- 2) Pursuant to R.C. 1509.28, the Division held a hearing on November 20, 2014, in Columbus, Ohio at the Ohio Department of Natural Resources ("ODNR"), to consider the need for the operation as a unit of an entire pool or part thereof. At the hearing, Chesapeake employees Carter, Yard, and Booher confirmed their pre-filed testimony and answered questions posed by Division staff members.
- 3) Chesapeake's application for unitization of the Barnhart South Unit proposed to include four (4) unleased tracts owned by the following "unleased mineral owners": ACM Farms, 73.698785 acres (Tracts 24, 25, and 26); and Margaret Garrett, 8.36200 acres (Tract 54). The Division provided notice of the November 20, 2014 hearing, return receipt requested, to all unleased mineral owners. Addresses and title work were provided by Chesapeake. Although notified of the hearing, no representatives of the unleased mineral owners attended the hearing, and the Division did not receive any written comments from these parties.
- 4) In regard to Tract 54 in the proposed Barnhart South Unit, Chesapeake's application indicated that a portion of the tract may be subject to a mineral reservation. Margaret Garrett is listed as the surface owner of the tract, but is considered an "unleased mineral owner," as set forth in paragraph (3) above. According to the affidavits filed by Chesapeake with the Barnhart South Unit application, Tract 54 may be subject to a mineral reservation held by the Heirs, Successors, and Assigns of Harry W. Brower ("Brower Heirs"), who are also considered "unleased mineral owners" in the unit. At hearing, Mr. Booher testified that 3.1 acres of the 8.35200 acres in Tract 54 may be subject to the mineral interest reservation. Chesapeake has not been successful in locating or contacting any of the potential Brower Heirs, and no address was provided to the Division. Chesapeake published notice of the Barnhart South Unit hearing in the following publications on the following dates: The Free Press Standard (Carroll County), October 16; and The Canton Repository (Stark County), October 13 through October 17. No representatives of the Brower Heirs attended the hearing, and the Division did not receive any written comments from these parties.

## **FINDINGS**

- 5) Based on the application submitted by Chesapeake, and subsequent testimony by its employees, the Chief finds that Chesapeake has established that it is the "owner," as that term is defined in R.C. 1509.01(K), of at least eighty-one percent (81%) of the land area overlying the pool in the Barnhart South Unit, which is greater than the sixty-five percent (65%) as required by R.C. 1509.28(A).
- 6) Based on the application submitted by Chesapeake, and subsequent testimony by its employees, the Chief finds that the operation of the Barnhart South Unit is reasonably necessary to increase substantially the ultimate recovery of oil and gas ("oil" and "gas" are defined in R.C. 1509.01).

- 7) Based on the application submitted by Chesapeake, and subsequent testimony by its employees, the Chief finds the value of the estimated additional recovery of oil or gas ("oil" and "gas" are defined in R.C. 1509.01) from the Barnhart South Unit exceeds the estimated additional cost incident to conducting the operation of the Barnhart South Unit.

**ORDER**

**IT IS HEREBY ORDERED:**

Pursuant to R.C. 1509.28, Chesapeake is authorized to conduct operations within the Barnhart South Unit in accordance with all of the following:

**Plan for Unit Operations**

- 1) The Unit Area is comprised of sixty-three (63) tracts totaling 444.517207 acres in Perry Township, Carroll County, Ohio as shown in Exhibits A and B.
- 2) Chesapeake proposes to drill three (3) wells from a single pad site in the Barnhart South Unit for the purpose of recovering oil and gas. Drilling operations shall commence in the Unit Area within twelve (12) months from the date of approval of this Order. In order to achieve the stated goal of substantially increasing the ultimate recovery of oil and gas (as those terms are defined in R.C. 1509.01) from the Utica/Point Pleasant Formations within the Unit Area, Chesapeake shall produce from the three (3) wells no later than three (3) years after the initial well is completed for production. If Chesapeake fails to drill, complete, and produce at least three (3) wells in the Unit Area, the Chief may amend or terminate this Order. Any additional wells permitted by the Chief for the Utica/Point Pleasant Formations in the Unit Area are subject to this Order.
- 3) Evidence introduced by Chesapeake at the Barnhart South Unit hearing established that the Utica/Point Pleasant Formation uniformly underlies the Unit Area. Therefore, the value of each separately owned tract in the Unit Area shall be determined by calculating the ratio of the surface acreage of a specific tract to the total surface acreage of the Unit Area. This ratio shall be known as the "Unit Participation." The allocated share of production to each tract shall be equal to that tract's Unit Participation.
- 4) All charges and credits made for investments in wells, tanks, pumps, machinery, materials, and equipment shall be allocated among the working interest owners of each tract based on the Unit Participation. For purposes of this Order, any unleased mineral owner is not a working interest owner, and the proportionate share of the expenses allotted to the unleased mineral owners shall be allocated to the participating working interest owners.

- 5) All unit operation expenses shall be charged to, and paid by, the working interest owners of each tract in amounts based on the Unit Participation. All unit operation expenses concerning wells and operating equipment shall be just and reasonable.
- 6) If necessary, Chesapeake and all other participating working interest owners shall carry, or otherwise finance, any person who is unable to meet that person's financial obligations in connection with the unit operations. For purposes of this Paragraph, "person" shall mean "non-participating working interest owner." Chesapeake and all other participating working interest owners' reasonable interest charge for carrying or financing the non-participating working interest owner shall be determined by the terms of Chesapeake's Unit Agreement and Unit Operating Agreement for the Barnhart South Unit. Once a specific cost is charged to the initial well, that same cost cannot be charged to subsequent wells in the Unit Area.
- 7) Chesapeake shall supervise and conduct all unit operations. Each working interest owner shall have a voting interest equal to its Unit Participation. Approval of unit operations shall be subject to the terms of Chesapeake's Unit Agreement and Unit Operating Agreement for the Barnhart South.
- 8) Unit operations may commence as of 7:00 a.m. on the day following the effective date of this Order. Once the initial well is placed into production, operations within the Barnhart South Unit may continue as long as hydrocarbons are produced from any well in the Unit Area without a cessation of more than ninety (90) days, unless otherwise approved by the Chief in writing. The Barnhart South Unit may be terminated if working interest owners owning at least fifty-one percent (51%) of the working interest in the Unit Area determine that the unit operations are no longer warranted. If the unit operations are so terminated, Chesapeake shall provide written notice of the termination to the Division and to all unleased mineral owners. In the event that termination of unit operation occurs prior to drilling and completing for production three (3) wells in the Barnhart 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.
- 9) The following additional provisions are found to be appropriate:
  - a) No activity associated with the drilling, completion, or operation of the Barnhart South Unit shall be conducted on the surface of any unleased property without the prior written consent of the owner of the surface rights of the unleased property.
  - b) Unleased mineral owners shall not incur liability for any personal or property damage associated with any drilling, testing, completing,

producing, operating, or plugging activities within the Barnhart South Unit.

- c) Each unleased mineral owner shall receive a monthly cash payment equal to a one-eighth (1/8) landowner royalty interest calculated on gross proceeds. Allocation of the one-eighth (1/8) landowner royalty shall be based on the Unit Participation of each unleased mineral owner's tract. Chesapeake shall make landowner royalty payments to leased and unleased mineral owners at the same time.
- d) In addition to the royalty payment, each unleased mineral owner shall receive a monthly cash payment equal to a seven-eighths (7/8) share of the net proceeds from production. Allocation of the seven-eighths (7/8) share shall be based on the Unit Participation of each unleased mineral owner's tract. After Chesapeake recovers a reasonable interest charge equal to 200% of the cost of drilling, testing, completing, and producing the initial well, Chesapeake shall begin making such monthly payments for that well. For each additional well drilled in the Unit Area, Chesapeake shall begin making monthly payments equal to seven-eighths (7/8) share of net proceeds from production to each unleased mineral owner once Chesapeake has recovered a reasonable interest charge equal to 150% of the cost of drilling, testing, completing, and producing the well. Once a specific cost is charged to the initial well, that same cost cannot be charged to subsequent wells in the Unit Area.
- e) In regard to the portion of Tract 54 that may be subject to a mineral interest reservation, Chesapeake shall hold any lease, bonus, or other payments from the Unit Operations in escrow until mineral ownership is finalized.
- f) Nothing in this Order prohibits an unleased mineral owner from entering into a lease agreement with Chesapeake pursuant to terms agreeable to both parties. An unleased mineral owner who enters into a lease with Chesapeake after the issuance of this Chief's Order is no longer an unleased mineral owner under this Chief's Order as of the effective date of the lease. Chesapeake shall notify the Division upon the execution of a lease agreement with any unleased mineral owner who is subject to this Chief's Order.
- g) Except as provided in Paragraph 9(d) of this Order, no expenses shall be paid by an unleased mineral owner for drilling, testing, completing, producing, or operating any well in the Unit Area. The unleased mineral owner is not responsible for any costs related to plugging any well in the Unit Area.

- h) If requested in writing by any unleased mineral owner or by any non-participating working interest owner, or in any manner by the Division, Chesapeake shall provide, not later than thirty (30) days after the request, any of the following:
    - i. A monthly statement of all costs incurred, together with the quantity of oil and gas produced, and the amount of proceeds realized from the sale of production during the preceding month; and
    - ii. Any authorization for expenditure (AFE) prepared by Chesapeake; and
    - iii. A statement of all costs and expenses for purposes of Paragraphs 6 and 9(d) of this Order.
  - i) Chesapeake shall notify the Division of the assignment or transfer of any of its working interest in the Barnhart South Unit. If Chesapeake assigns or transfers any of its working interest, the assignee or transferee shall comply with this Order.
  - j) Chesapeake shall notify the Division if a tract that is leased by Chesapeake, or any other working interest owner, for purposes of operating the Barnhart South Unit becomes an unleased tract. If Chesapeake or the working interest owner is unable to enter into lease agreement for the unleased tract, Chesapeake must submit a request to the Division for an amendment of this Order, which will include a new hearing before the Chief.
- 10) This Order is not effective unless and until Chesapeake provides the Chief with final written approval of the unit operations as prescribed in this Order from Chesapeake, who is required to pay at least sixty-five percent (65%) of the costs of the unit operations, and from the royalty owners or unleased fee owners of sixty-five percent (65%) of the acreage to be included in the unit. Upon receipt of this approval, this Order shall become effective, and unit operations may commence as set forth above. In the event that Chesapeake fails to provide all required approvals within six (6) months after the issuance date of this Order, the Order will be deemed revoked, and the Chief shall provide notice of the revocation to Chesapeake, to the unleased mineral owners, and to the non-participating working interest owners.
- 11) In the event that this Chief's Order is appealed, the time periods as specified in this Chief's Order are tolled pending final determination of the appeal.
- 12) Within twenty-one (21) days of this Order becoming effective, Chesapeake shall file a copy of this Order within the Carroll County (Ohio) Recorder's Office, in the records of each of the sixty-three (63) tracts that are subject to this Order and referenced in Exhibits A and B. Chesapeake shall submit a certification of the

filing to the Division within fourteen (14) days of filing. The certification shall include a reference to the volume and page number corresponding to each record where the Chief's Order is recorded.

- 13) The Chief of the Division retains continuing jurisdiction over the Barnhart South Unit as is consistent with the Chief's powers and duties as established by R.C. Chapter 1509 and Ohio Adm.Code 1501:9. The Chief reserves the right to amend this Order subsequent to the commencement of unit operations within the Unit Area.
- 14) Except as specifically set forth in the terms of this Order, nothing herein shall be construed as a waiver of any private right or cause of action that may be brought by or against any party to this Order.
- 15) This order takes precedence over all terms included in Chesapeake's Unit Agreement and Unit Operating Agreement as to any unleased mineral owner and any non-participating working interest owner.

1/30/2015  
Date

Scott R. Kell for Richard J. Simmers  
Richard J. Simmers, Chief  
Division of Oil and Gas Resources Management

Addressee is hereby notified that this action is final and effective and may be appealed pursuant to Section 1509.36 of the Ohio Revised Code. If the Order is appealed to the Ohio Oil and Gas Commission, the appeal must be in writing and must set forth the Orders complained of and the grounds upon which the appeal is based. Such appeal must be filed with the Oil and Gas Commission, 2045 Morse Road, Building H-3, Columbus, Ohio 43229-6693, within thirty (30) days after receipt of this Order.

In addition, within three (3) days after the appeal is filed with the Oil and Gas Commission, notice of the filing must be submitted to Richard J. Simmers, Chief, Division of Oil and Gas Resources Management, Ohio Department of Natural Resources, 2045 Morse Road, Building F-2, Columbus, Ohio 43229-6693.

Enclosures

CERTIFIED MAIL TO:

91 7199 9991 7034 1928 5845

R. Neal Pierce  
Katerina E. Milenkovski  
Steptoe & Johnson PLLC  
Huntington Center  
41 South High Street, Suite 2200  
Columbus, OH 43215

91 7199 9991 7034 1928 5852

Blaine Booher  
Landman I-Appalachia south  
Chesapeake Energy Corporation  
6100 N. Western Avenue  
P.O. Box 18496  
Oklahoma City, Oklahoma 73154-0496

91 7199 9991 7034 1928 5869

ACM Farms LLC  
101 Poker Rd.  
Scio, Oh 43988

91 7199 9991 7034 1928 5876

Margaret Garrett  
8052 Chalon Rd SW  
Scio, OH 43988

91 7199 9991 7034 1928 5883

Serena Evans  
Land Director, Utica  
American Energy-Utica, LLC  
301 NW 63<sup>rd</sup>, Suite 600  
Oklahoma City, OK 73116

91 7199 9991 7034 1928 5890

Zachary M. Simpson  
Division Counsel  
Gulfport Energy Corporation  
14313 North May Ave., Suite 100  
Oklahoma, OK 73134

91 7199 9991 7034 1928 5906

Chesapeake Exploration, LLC  
Barnhart South Unit Order  
Page 9 of 9

Chief's Order No. 2015-16

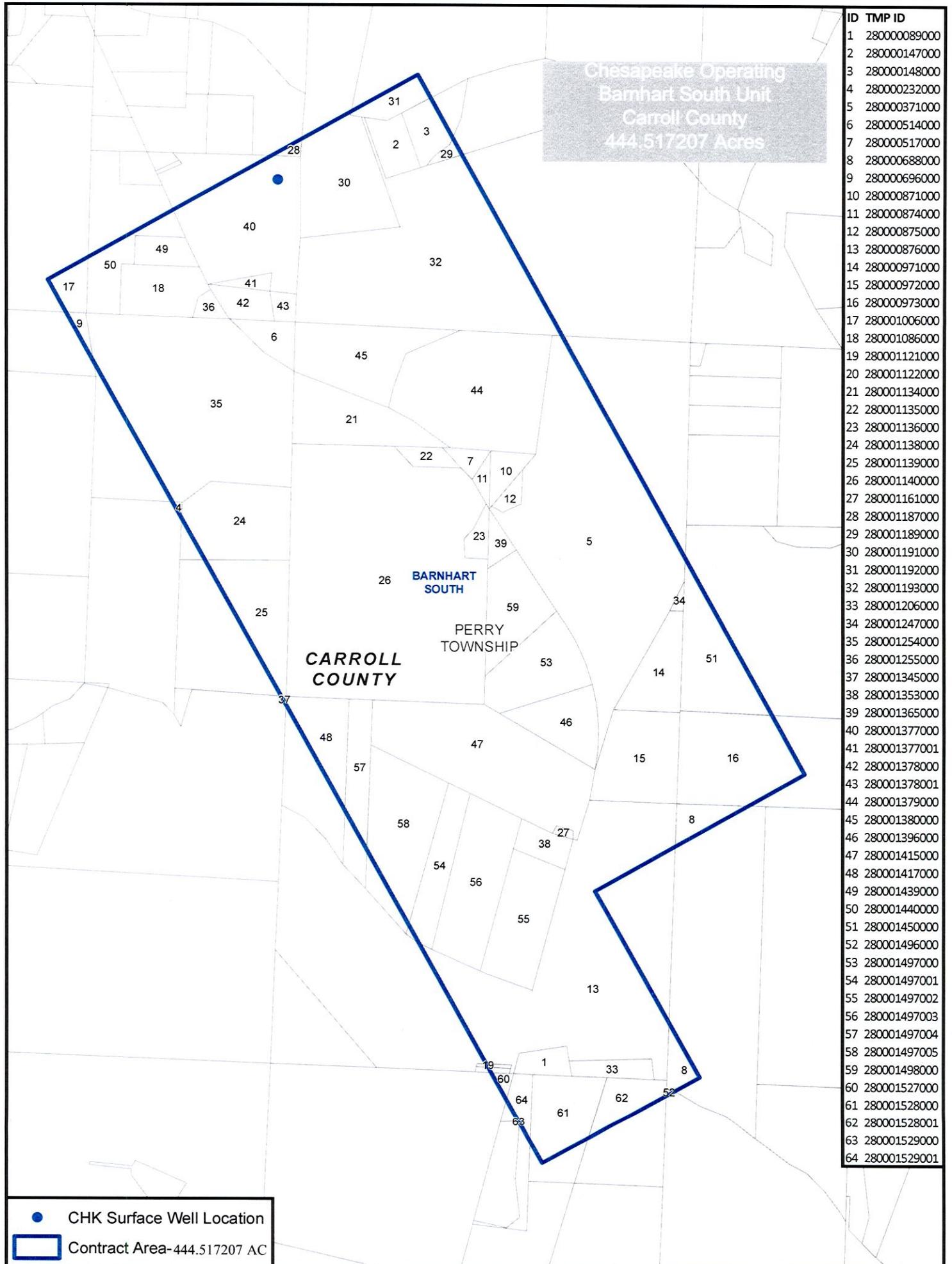
Charles T. Akers, Jr.  
Manager – Utica Land  
EnerVest Operating, LLC  
300 Capitol Street, Suite 200  
Charleston, West Virginia 25301

91 7199 9991 7034 1928 5913

Nathan D. Vaughan  
General Counsel  
Kimble Company  
3596 SR 39 NW  
Dover, OH 44622

91 7199 9991 7034 1928 5920

Exhibit A  
 Chief's Order No. 2015-16  
 Barnhart South Unit



ID	TMP ID
1	28000089000
2	280000147000
3	280000148000
4	280000232000
5	280000371000
6	280000514000
7	280000517000
8	280000688000
9	280000696000
10	280000871000
11	280000874000
12	280000875000
13	280000876000
14	280000971000
15	280000972000
16	280000973000
17	280001006000
18	280001086000
19	280001121000
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23	280001136000
24	280001138000
25	280001139000
26	280001140000
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31	280001192000
32	280001193000
33	280001206000
34	280001247000
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38	280001353000
39	280001365000
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53	280001497000
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55	280001497002
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57	280001497004
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59	280001498000
60	280001527000
61	280001528000
62	280001528001
63	280001529000
64	280001529001

Chesapeake Operating  
 Barnhart South Unit  
 Carroll County  
 444.517207 Acres

**BARNHART SOUTH**  
 PERRY TOWNSHIP  
**CARROLL COUNTY**

- CHK Surface Well Location
- Contract Area-444.517207 AC

**Preliminary Unit Plat**

Barnhart South Common Pad  
 Perry Township  
 Carroll Co., OH

1 inch = 850 feet



Projection: NAD 1983 UTM Zone 17N

Prepared Date: 12/4/2013

# Exhibit B Chief's Order No. 2015-16 Barnhart South Unit

Attached to and made a part of this certain Unit Operating Agreement dated July 22, 2014 as approved by the Ohio Department of Natural Resources for the Barnhart South Unit.

TRACT NO.	CHEASEAKE LEASE NUMBER	LESSOR	LESSEE	LEASED YES/NO	SURFACE ACRES IN UNIT	TRACT PARTICIPATION	TAX MAP PARCEL ID NUMBERS	TOWNSHIP	COUNTY	STATE	UNIT WORKING INTEREST	CHEASEAKE WORKING INTEREST	CHEASEAKE UNIT PARTICIPATION	ENERVEST AND INTEREST	ENERVEST UNIT PARTICIPATION	GULFPORT INTEREST	GULFPORT UNIT PARTICIPATION	RICK WORKING INTEREST	RICK UNIT PARTICIPATION	AEU WORKING INTEREST	AEU UNIT PARTICIPATION	ADDRESS	CITY	STATE	ZIP CODE	
1	34-000101-001	Bonnie L. Feltner, a single woman	Chesapeake Exploration, LLC.	YES	1.270000	0.285703%	28-0000881.000	Perry	CARROLL	OH	0.285703%	100.000000%	0.285703%									258 Paker Rd SE	Scio	OH	43988	
2	34-000017-000	Kenneth E. Beath and Nancy C. Beath (H&W)	Kinyen Energy, L.L.C.	YES	2.550000	0.575906%	28-0000417.000	Perry	CARROLL	OH	0.575906%	100.000000%	0.575906%									310 Amsterdam Rd SE	Scio	OH	43988	
3	34-000017-000	Kenneth E. Beath and Nancy C. Beath (H&W)	Kinyen Energy, L.L.C.	YES	2.155525	0.485154%	28-0000158.000	Perry	CARROLL	OH	0.485154%	100.000000%	0.485154%									310 Amsterdam Rd SE	Scio	OH	43988	
4	34-018789-000	Larry O. Low, Jr., a single person	Chesapeake Exploration, L.L.C.	YES	0.088748	0.019665%	28-0000232.000	Perry	CARROLL	OH	0.019665%	100.000000%	0.019665%									1288 Steubenville Rd SE	Carrollton	OH	44815	
5	06000024-000	The Ferguson Family Trust, Dated August 1st, 2003, by Paul Ferguson, Jr. and Elizabeth K. Ferguson, Co-Trustees	Anschutz Exploration Corporation	YES	41.284337	9.287455%	28-0000371.000	Perry	CARROLL	OH	9.287455%	62.550000%	5.654600%	37.550000%	3.482796%								1310 Michigan Boulevard	Louisville	OH	44541
6	34-014573-000	George D. Hendrickson and Nancy J. Hendrickson, husband and wife	Chesapeake Exploration, L.L.C.	YES	2.041300	0.468216%	28-0000514.000	Perry	CARROLL	OH	0.468216%	100.000000%	0.468216%									8010 Scio Rd SE	Scio	OH	43988	
7	34-000103-000	Ronald L. Ledford and Karan L. Ledford, husband and wife	Chesapeake Exploration, L.L.C.	YES	0.790000	0.177721%	28-0000517.000	Perry	CARROLL	OH	0.177721%	100.000000%	0.177721%									8058 Scio Rd SE	Scio	OH	43988	
8		Stuart and Grace Jones, Husband and Wife	Pryor E. Kinsale	YES	5.246156	0.750718%	28-0000648.000	Perry	CARROLL	OH	0.750718%	0.000000%	0.000000%					25.000000%	0.182675%	75.000000%	0.540033%	1057 Paker Rd SE	Scio	OH	43988	
9	34-023803-000	Steven R. Hobson and Patricia A. Hobson, husband and wife	Chesapeake Exploration, L.L.C.	YES	0.564100	0.126902%	28-0000696.000	Perry	CARROLL	OH	0.126902%	100.000000%	0.126902%									26 Amsterdam Rd SE	Scio	OH	43988	
10	34-000102-000	Dorthe Mills AKA Dorthe B. Mills, a single woman	Chesapeake Exploration, L.L.C.	YES	1.330000	0.299201%	28-0000871.000	Perry	CARROLL	OH	0.299201%	100.000000%	0.299201%									8112 Scio Rd SE	Scio	OH	43988	
11	34-000101-000	Dorthe Mills AKA Dorthe B. Mills, a single woman	Chesapeake Exploration, L.L.C.	YES	0.640000	0.143976%	28-0000874.000	Perry	CARROLL	OH	0.143976%	100.000000%	0.143976%									8112 Scio Rd SE	Scio	OH	43988	
12	34-000102-000	Dorthe Mills AKA Dorthe B. Mills, a single woman	Chesapeake Exploration, L.L.C.	YES	0.750000	0.168722%	28-0000875.000	Perry	CARROLL	OH	0.168722%	100.000000%	0.168722%									8112 Scio Rd SE	Scio	OH	43988	
13	1-329505-000	Dorthe Mills, aka Dorthe B. Mills, a single woman	Anschutz Exploration Corporation	YES	35.552665	8.020537%	28-0000876.000	Perry	CARROLL	OH	8.020537%	100.000000%	8.020537%									250 Paker Rd SE	Scio	OH	43988	
14	34-018929-000	Mary A. McGary, a widow	Chesapeake Exploration, L.L.C.	YES	5.000000	1.124816%	28-0000971.000	Perry	CARROLL	OH	1.124816%	100.000000%	1.124816%									8444 Cashmere Rd SE	Scio	OH	43988	
15	34-003830-002	James E. Miller and Hartha B. Miller, husband and wife	Chesapeake Exploration, L.L.C.	YES	9.120000	2.051664%	28-0000972.000	Perry	CARROLL	OH	2.051664%	100.000000%	2.051664%									10383 Sudbury Circle NW	North Canton	OH	44720	
16	34-003830-001	James L. Miller and Jan Miller, husband and wife	Chesapeake Exploration, L.L.C.	YES	11.786233	2.651468%	28-0000973.000	Perry	CARROLL	OH	2.651468%	100.000000%	2.651468%									10383 Sudbury Circle NW	North Canton	OH	44720	
17	34-001800-000	Delbert Rich, Sr., a single man	Ohio Buckeye Energy, L.L.C.	YES	1.697350	0.381841%	28-0001006.000	Perry	CARROLL	OH	0.381841%	100.000000%	0.381841%									66 Amsterdam Rd SE	Scio	OH	43988	
18	34-000105-000	Paul E. Shaler, Sr. and Angella Shaler	The Star Energy Holdings, L.L.C.	YES	5.501000	1.25541%	28-0001045.000	Perry	CARROLL	OH	1.25541%	0.000000%	0.000000%					100.000000%		1.125041%		7335 Scio Rd	Scio	OH	43988	
19	34-000105-000	James D. Mills, a single man	Chesapeake Exploration, L.L.C.	YES	0.105533	0.023741%	28-0001121.000	Perry	CARROLL	OH	0.023741%	100.000000%	0.023741%									250 Paker Rd SE	Scio	OH	43988	
20	34-000105-000	James D. Mills, a single man	Chesapeake Exploration, L.L.C.	YES	0.126146	0.028378%	28-0001122.000	Perry	CARROLL	OH	0.028378%	100.000000%	0.028378%									250 Paker Rd SE	Scio	OH	43988	
21	34-003730-000	Bryan D. Messer a/k/a Bryan D. Messer and Elizabeth L. Messer, husband and wife	Chesapeake Exploration, L.L.C.	YES	7.950000	1.777684%	28-0001134.000	Perry	CARROLL	OH	1.777684%	100.000000%	1.777684%									8091 Scio Rd NE	Scio	OH	43988	
22	34-003730-000	Bryan D. Messer a/k/a Bryan D. Messer and Elizabeth L. Messer a/k/a Elizabeth L. Messer, husband and wife	Chesapeake Exploration, L.L.C.	YES	1.359000	0.305725%	28-0001135.000	Perry	CARROLL	OH	0.305725%	100.000000%	0.305725%									8091 Scio Rd NE	Scio	OH	43988	
23	34-000930-000	Barbara C. Stewart, a widow	Chesapeake Exploration, L.L.C.	YES	0.690000	0.155225%	28-0001136.000	Perry	CARROLL	OH	0.155225%	100.000000%	0.155225%									8125 Scio Rd SE	Scio	OH	43988	
24	OPEN	ACM Farms, L.L.C.		NO	5.37860	2.105178%	28-0001138.000	Perry	CARROLL	OH	2.105178%	0.000000%	0.000000%									101 Paker Rd	Scio	OH	43988	
25	OPEN	ACM Farms, L.L.C.		NO	7.460905	1.678429%	28-0001139.000	Perry	CARROLL	OH	1.678429%	0.000000%	0.000000%									101 Paker Rd	Scio	OH	43988	
26	OPEN	ACM Farms, L.L.C.		NO	56.890900	12.795909%	28-0001140.000	Perry	CARROLL	OH	12.795909%	0.000000%	0.000000%									101 Paker Rd	Scio	OH	43988	
27	1-328238-001	Walter Swonger and Alice Swonger, Husband and Wife	Patriot Energy Partners, LLC	YES	0.279002	0.062765%	28-0001187.000	Perry	CARROLL	OH	0.062765%	100.000000%	0.062765%									116 Painsella Road SE	Scio	OH	43988	
28	1-328238-001	Walter Swonger and Alice Swonger, Husband and Wife	Patriot Energy Partners, LLC	YES	0.437705	0.098468%	28-0001185.000	Perry	CARROLL	OH	0.098468%	100.000000%	0.098468%									116 Painsella Road SE	Scio	OH	43988	

TRACT NO.	CHEMUNY PARCEL ID NUMBER	LESSOR	LESSEE	LAND REVENUE	SURFACE ACRES IN GRT	TRACT PARTICIPATION	TAX MAP PARCEL ID NUMBER	TOWNSHIP	COUNTY	STATE	UNIT WORKING INTEREST	CHEMUNY WORKING INTEREST	CHEMUNY UNIT PARTICIPATION	ENERVEST WORKING INTEREST	SUBJECT UNIT PARTICIPATION	GULFPORT WORKING INTEREST	QUICKSILVER UNIT PARTICIPATION	RISK WORKING INTEREST	RISK UNIT PARTICIPATION	ADJ WORKING INTEREST	ASU UNIT PARTICIPATION	ADDRESS	CITY	STATE	ZIP CODE
29	1-32828-001	Walker Swonger and Alice Swonger, Husband and Wife	Patriot Energy Partners LLC	YES	11.74366	2.641888%	28-0001331.000	Perry	CARROLL	OH	2.641888%	100.000000%	2.641888%								116 Poinsettia Road SE	Scio	OH	43988	
30	1-32828-001	Walker Swonger and Alice Swonger, Husband and Wife	Patriot Energy Partners LLC	YES	1.829584	0.411470%	28-0001331.000	Perry	CARROLL	OH	0.411470%	100.000000%	0.411470%								116 Poinsettia Road SE	Scio	OH	43988	
31	1-32828-001	Walker Swonger and Alice Swonger, Husband and Wife	Patriot Energy Partners LLC	YES	34.141718	7.689629%	28-0001331.000	Perry	CARROLL	OH	7.689629%	100.000000%	7.689629%								116 Poinsettia Road SE	Scio	OH	43988	
32	34-000731-000	Olive Thompson, a single woman, by and through her Attorney-In-Fact, John R. Thompson	Chesapeake Exploration, L.L.C.	YES	1.810269	0.407183%	28-0001335.000	Perry	CARROLL	OH	0.407183%	100.000000%	0.407183%								279 Poker Rd SE	Scio	OH	43988	
33	34-000731-000	Harold L. Walters, Jr. and Cathy A. Walters, Husband and wife	Chesapeake Exploration, L.L.C.	YES	0.250000	0.056241%	28-0001347.000	Perry	CARROLL	OH	0.056241%	100.000000%	0.056241%								1051 Sage Rd SE	Scio	OH	43988	
34	1-32903-000	John Woods and Catherine Woods	Ohio Buckeye Energy, L.L.C.	YES	33.390864	7.504989%	28-0001345.000	Perry	CARROLL	OH	7.504989%	100.000000%	7.504989%								PO Box 523	Carrollton	OH	44615	
35	1-32903-000	John Woods and Catherine Woods	Ohio Buckeye Energy, L.L.C.	YES	0.750000	0.168722%	28-0001345.000	Perry	CARROLL	OH	0.168722%	100.000000%	0.168722%								PO Box 523	Carrollton	OH	44615	
36	1-32905-001	Theodore M. Leitens and Dana L. Leitens, husband and wife	Anschutz Exploration Corporation	YES	0.029568	0.005864%	28-0001345.000	Perry	CARROLL	OH	0.005864%	100.000000%	0.005864%								45 Amelindam Rd SE	Scio	OH	43988	
37	34-000731-001	Ira D. Beard, Jr. and Peggy Beard, husband and wife	Chesapeake Exploration, L.L.C.	YES	0.798200	0.179521%	28-0001351.000	Perry	CARROLL	OH	0.179521%	100.000000%	0.179521%								8236 Scio Road	Scio	OH	43988	
37	34-014518-001	Ira D. Beard, Jr. and Peggy Beard, husband and wife	Chesapeake Exploration, L.L.C.	YES	1.202000	0.270405%	28-0001353.000	Perry	CARROLL	OH	0.270405%	100.000000%	0.270405%								8236 Scio Road	Scio	OH	43988	
37	OPEN	Henry Brewer Hiers - Protection OGL		NO		0.000000%	28-0001331.000	Perry	CARROLL	OH	0.000000%	0.000000%	0.000000%								UNKNOWN				
38	34-00089-000	Barbara C. Stewart, a widow	Chesapeake Exploration, L.L.C.	YES	1.000000	0.224693%	28-0001365.000	Perry	CARROLL	OH	0.224693%	100.000000%	0.224693%								8125 Scio Rd SE	Scio	OH	43988	
39	34-003025-000	Edward H. Bumbart, Jr. and Christine J. Bumbart, husband and wife	Chesapeake Exploration, L.L.C.	YES	10.709934	2.407316%	28-0001377.000	Perry	CARROLL	OH	2.407316%	100.000000%	2.407316%								7286 Scio Road	Scio	OH	43988	
40	34-014515-000	George D. Hendrickson and Nancy J. Hendrickson, husband and wife	Chesapeake Exploration, L.L.C.	YES	0.897000	0.195043%	28-0001371.001	Perry	CARROLL	OH	0.195043%	100.000000%	0.195043%								8010 Scio Rd	Scio	OH	43988	
41	34-014515-000	George D. Hendrickson and Nancy J. Hendrickson, husband and wife	Chesapeake Exploration, L.L.C.	YES	2.051700	0.461557%	28-0001378.000	Perry	CARROLL	OH	0.461557%	100.000000%	0.461557%								8010 Scio Rd	Scio	OH	43988	
42	34-003025-000	Edward H. Bumbart, Jr. and Christine J. Bumbart, husband and wife	Chesapeake Exploration, L.L.C.	YES	0.887000	0.195043%	28-0001381.001	Perry	CARROLL	OH	0.195043%	100.000000%	0.195043%								7286 Scio Road	Scio	OH	43988	
43	34-008834-000	Gerald R. Kinback and Carol Ann Kinback, husband and wife	Chesapeake Exploration, L.L.C.	YES	18.900000	4.161819%	28-0001379.000	Perry	CARROLL	OH	4.161819%	100.000000%	4.161819%								8086 Scio Road	Scio	OH	43988	
44	34-013886-000	John P. Campbell and Ruth E. Campbell, husband and wife	Chesapeake Exploration, L.L.C.	YES	9.000000	2.024689%	28-0001380.000	Perry	CARROLL	OH	2.024689%	100.000000%	2.024689%								8058 Scio Rd SE	Scio	OH	43988	
45	34-012079-000	J. Deanne Kellogg aka Deanne Kellogg as Trustee of the Irrevocable Living Trust dated November 22, 2010	Chesapeake Exploration, L.L.C.	YES	5.000000	1.124816%	28-0001356.000	Perry	CARROLL	OH	1.124816%	100.000000%	1.124816%								8201 Scio Rd SE	Scio	OH	43988	
46	34-016429-000	Richard E. Kohns and Pauline Hope Kohns, husband and wife	Chesapeake Exploration, L.L.C.	YES	20.000000	4.499283%	28-0001415.000	Perry	CARROLL	OH	4.499283%	100.000000%	4.499283%								26504 Roylton Road	Columba Station	OH	44028	
47	34-000148-000	The Wyman Schlabach and Ruth M. Schlabach Revocable Trust by Wyman Schlabach and Ruth M. Schlabach, Trustees	Chesapeake Exploration, L.L.C.	YES	4.575311	1.029276%	28-0001417.000	Perry	CARROLL	OH	1.029276%	100.000000%	1.029276%								2817 Vermont St NVV	North Canton	OH	44720	
48	34-012085-000	John W. Sharer, divorced and not remarried	Chesapeake Exploration, L.L.C.	YES	2.000000	0.449928%	28-0001439.000	Perry	CARROLL	OH	0.449928%	100.000000%	0.449928%								7285 Scio Rd	Scio	OH	43988	
49		Paul R. Sharer, Sr. and Angela Sharer	Tri-Scan Energy Holdings, Inc., a subsidiary of Anschutz	YES	4.014193	0.903046%	28-0001440.000	Perry	CARROLL	OH	0.903046%	100.000000%	0.903046%								7285 Scio Rd	Scio	OH	43988	
50	1-32960-000	Harold L. Walters, Jr. aka Harold Walters and Cathy A. Walters, aka Cathy Walters, husband and wife	Anschutz Exploration Corporation	YES	8.561228	1.925661%	28-0001450.000	Perry	CARROLL	OH	1.925661%	100.000000%	1.925661%								1051 Sage Road SE	Scio	OH	43988	
51		Barton and Grace Jones, Husband and Wife	Floyd E. Kinsale	YES	0.083338	0.008175%	28-0001456.000	Perry	CARROLL	OH	0.008175%	0.000000%	0.000000%	25.000000%	0.002044%	0.000000%	0.903046%	75.000000%			18327 Hubbard Azon Lane	Leesburg	VA	20175	
52	34-018813-000	Elmer Z. Yoder and Delilah Marie Yoder, husband and wife	Chesapeake Exploration, L.L.C.	YES	7.475000	1.661600%	28-0001497.000	Perry	CARROLL	OH	1.661600%	100.000000%	1.661600%								11891 Heaver Avenue	Uniontown	OH	44685	
53	34-0001290-000	David L. Drevasi and Kean A. Drevasi, husband and wife	Chesapeake Exploration, L.L.C.	YES	4.812844	1.105209%	28-0001497.001	Perry	CARROLL	OH	1.105209%	100.000000%	1.105209%								18330 Nalle Road North	Fort Meyers	FL	33917	
54	OPEN	Darrel E. and Margaret C. Garrett		NO	8.362000	1.861142%	28-0001497.002	Perry	CARROLL	OH	1.861142%	0.000000%	0.000000%								239 Poker Rd SE	Scio	OH	43988	
54	OPEN	Henry Brewer Hiers - Protection OGL		NO		0.000000%	28-0001497.003	Perry	CARROLL	OH	0.000000%	0.000000%	0.000000%								UNKNOWN				

TRACT NO.	CHESAPEAKE LEASE NUMBER	LESSOR	LESSEE	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	ENERVEST WORKING INTEREST	EMERVEST UNIT PARTICIPATION	GULFPORT WORKING INTEREST	GULFPORT UNIT PARTICIPATION	RISK WORKING INTEREST	RISK UNIT PARTICIPATION	ABU WORKING INTEREST	ABU UNIT PARTICIPATION	ADDRESS	CITY	STATE	ZIP CODE																							
55	34-017894-000	James E. Heinzman and Amy M. Heinzman, Husband and Wife	Chesapeake Exploration, L.L.C.	YES	10.000000	2.249532%	28-000187-003	Perry	CARROLL	OH	2.249532%	100.000000%	2.249532%									225 Paker Rd	Scio	OH	43986																							
56	34-0001300-000	Phyllis B. Runyon, T.O.D. Penelope Dominice	Chesapeake Exploration, L.L.C.	YES	3.894506	0.831128%	28-000187-004	Perry	CARROLL	OH	0.831128%	100.000000%	0.831128%									PO Box 338	Venice	FL	34284																							
57	34-018160-000	Joseph Toth, Jr. and Linda D. Toth, husband and wife	Chesapeake Exploration, L.L.C.	YES	10.708968	2.409101%	28-000187-005	Perry	CARROLL	OH	2.409101%	100.000000%	2.409101%									233 Emma St	Niles	OH	44446																							
58	34-018853-000	Elmer Z. Yoder and Della Marie Yoder, husband and wife	Chesapeake Exploration, L.L.C.	YES	6.000000	1.348779%	28-000188-000	Perry	CARROLL	OH	1.348779%	100.000000%	1.348779%									11881 Hecker Avenue	Uniontown	OH	44685																							
59	01000089-000	Pesantree Acres, LTD	Eric Petroleum Corporation	YES	0.374208	0.084183%	28-000137-000	Perry	CARROLL	OH	0.084183%	100.000000%	0.084183%									PO Box 1062	Spearsfish	SD	57783																							
60	01000089-000	Pesantree Acres, LTD	Eric Petroleum Corporation	YES	5.921109	1.332031%	28-000138-000	Perry	CARROLL	OH	1.332031%	100.000000%	1.332031%									PO Box 1062	Spearsfish	SD	57783																							
61	01000089-000	Pesantree Acres, LTD	Eric Petroleum Corporation	YES	3.007811	0.676602%	28-000138-001	Perry	CARROLL	OH	0.676602%	100.000000%	0.676602%									PO Box 1062	Spearsfish	SD	57783																							
62	34-018144-000	Brian E. Saly and Kristen E. Saly, husband and wife	Chesapeake Exploration, L.L.C.	YES	0.002158	0.000485%	28-000139-000	Perry	CARROLL	OH	0.000485%	100.000000%	0.000485%									9096 Rice Rd SE	Scio	OH	43988																							
63	010000370-000	Douglas D. and Susan Ann Schlabach, husband and wife	Eric Petroleum Corporation	YES	1.354543	0.304610%	28-000139-001	Perry	CARROLL	OH	0.304610%	100.000000%	0.304610%									PO Box 1062	Spearsfish	SD	57783																							
																							TOTAL LEASED ACRES:	392.466422	81.638246%																							
																							TOTAL NON-DMA LEASED ACRES:	351.658422	81.598235%																							
																							TOTAL UNIT ACRES:	444.817207	81.538246%																							
													3.482796%	75.898871%	2.026086%	0.184723%	0.654169%																															
													3.482796%	75.100850%	2.026086%	0.184723%	0.654169%																															