



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

August 28, 2015

ORDER NO. 2015-412

TO: AEU American Energy-Utica, L.L.P.
3501 NW 63rd Street
Oklahoma City, Oklahoma 73113

RE: Application for Unitization
Emersyn E RCH BL Unit
Belmont 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 August 8, 2014, American Energy-Utica, L.L.C. (“AEU”) 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 original proposed “Unit Area” was 546.705 acres in Richland Township and Union Township, Belmont County, Ohio. The originally proposed Unit Area was comprised of a total of forty-four (44) tracts, and known as the “R & F Coal N RCH BL Unit.” The application included a Unit Agreement, Unit Operating Agreement, and relevant exhibits. The application also included the pre-filed testimony of the following AEU employees: Michael Hale, Geologist; David Bailey, Reservoir Engineer; and John Gwynn, Landman. On October 17, 2014, AEU changed the name of the application and the unit to

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the "Emersyn N RCH BL Unit." Subsequent updates to the Emersyn N RCH BL Unit were filed on December 5, 2014.

- 2) Pursuant to R.C. 1509.28, the Division held a hearing on December 11, 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, AEU employees Hale, Bailey, and Gwynn confirmed their pre-filed testimony and answered questions posed by Division staff members. After the hearing, but before the ODNR could make a determination on the Emersyn N RCH BL Unit application, AEU contacted the ODNR regarding its plan to split the proposed Emersyn N RCH BL Unit into two separate units.
- 3) On March 27, 2015, AEU filed a revision to the original Emersyn N RCH BL Unit application. The revised application filed proposes 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 286.110 acres in Richland Township and Union Township, Belmont County, Ohio. The revised proposed Unit Area is comprised of a total of twenty-eight (28) tracts, and known as the "Emersyn E RCH BL Unit." The application included a Unit Agreement, Unit Operating Agreement, and relevant exhibits. The application also included the pre-filed testimony of the following AEU employees: Michael Hale, Geologist; David Bailey, Reservoir Engineer; and John Gwynn, Landman.
- 4) Pursuant to R.C. 1509.28, the Division held a hearing on May 14, 2015 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, AEU employees Hale, Bailey, and Gwynn confirmed their pre-filed testimony and answered questions posed by Division staff members.
- 5) AEU's application for unitization of the Emersyn E RCH BL Unit proposed to include two (2) unleased tracts owned by the following "unleased mineral owners": Ohio River Collieries, 0.312 acre (Tracts 28 and 29); and Ohio American Energy, 4.365 acres (Tract 38). The Division provided notice of the May 14, 2015 hearing, return receipt requested, to all unleased mineral owners. Addresses and title work were provided by AEU. At the hearing on May 14, 2015, Mr. Dick Emens, Esq., appeared on behalf of Ohio River Collieries and made a statement on the record. As used in this order, "unleased mineral owners" means Ohio River Collieries and Ohio American Energy.
- 6) AEU's application for unitization of the Emersyn E RCH BL Unit also proposed to include one tract consisting of 1.211 acres that was previously leased to Gulfport Energy Corporation ("Gulfport"). According to the application and subsequent testimony, AEU was unable to come to a voluntary agreement with Gulfport to include the 1.211 acres in the proposed Emersyn E RCH BL unit.

Gulfport is therefore considered a “non-participating working interest owner” in the Emersyn E RCH BL unit as to the 1.211 acres. As used in this order, “non-participating working interest owner” means Gulfport.

FINDINGS

- 7) Based on the application submitted by AEU, and subsequent testimony by its employees, the Chief finds that AEU has established that it is the “owner,” as that term is defined in R.C. 1509.01(K), of at least ninety-eight percent (98%) of the land area overlying the pool in the Emersyn E RCH BL Unit, which is greater than the sixty-five percent (65%) as required by R.C. 1509.28(A).
- 8) Based on the application submitted by AEU, and subsequent testimony by its employees, the Chief finds that the operation of the Emersyn E RCH BL Unit is reasonably necessary to increase substantially the ultimate recovery of oil and gas (“oil” and “gas” are defined in R.C. 1509.01).
- 9) Based on the application submitted by AEU, 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 Emersyn E RCH BL Unit exceeds the estimated additional cost incident to conducting the operation of the Emersyn E RCH BL Unit.

ORDER

IT IS HEREBY ORDERED:

Pursuant to R.C. 1509.28, AEU is authorized to conduct operations within the Emersyn E RCH BL Unit in accordance with all of the following:

Plan for Unit Operations

- 1) The Unit Area is comprised of twenty-eight (28) tracts totaling 286.110 acres in Richland Township and Union Township, Belmont County, Ohio as shown in Exhibits A and B.
- 2) AEU proposes to drill one (1) well from a single pad site in the Emersyn E RCH BL 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, AEU shall produce from the one (1) wells no later than one (1) year after the initial well is completed

for production. If AEU fails to drill, complete, and produce at least one (1) well in the Unit Area, the Chief may amend or terminate this Order. Any additional wells permitted by the Chief for the Utica/Point Pleasant Formations in the Unit Area are subject to this Order.

- 3) Evidence introduced by AEU at the Emersyn E RCH BL 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, AEU 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." AEU 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 AEU's Unit Agreement and Unit Operating Agreement for the Emersyn E RCH BL 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) AEU 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 AEU's Unit Agreement and Unit Operating Agreement for the Emersyn E RCH BL.
- 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 Emersyn E RCH BL 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 Emersyn E RCH BL 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, AEU 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 one (1) well in the Emersyn E RCH BL 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 Emersyn E RCH BL 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 Emersyn E RCH BL 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. AEU 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 AEU recovers a reasonable interest charge equal to 150% of the cost of drilling, testing, completing, and producing the well, AEU shall begin making such monthly payments for that well. For each additional well drilled in the Unit Area, AEU shall begin making monthly payments equal to seven-eighths (7/8) share of net proceeds from production to each unleased mineral owner once AEU 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) Nothing in this Order prohibits an unleased mineral owner from entering into a lease agreement with AEU pursuant to terms agreeable to both

parties. An unleased mineral owner who enters into a lease with AEU 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. AEU shall notify the Division upon the execution of a lease agreement with any unleased mineral owner who is subject to this Chief's Order.

- f) Except as provided in Paragraph 9(d) of this Order, no expenses shall be paid by an unleased mineral owner for drilling, testing, completing, producing, or operating any well in the Unit Area. The unleased mineral owner is not responsible for any costs related to plugging any well in the Unit Area.
 - g) If requested in writing by any unleased mineral owner or by any non-participating working interest owner, or in any manner by the Division, AEU 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 AEU; and
 - iii. A statement of all costs and expenses for purposes of Paragraphs 6 and 9(d) of this Order.
 - h) AEU shall notify the Division of the assignment or transfer of any of its working interest in the Emersyn E RCH BL Unit. If AEU assigns or transfers any of its working interest, the assignee or transferee shall comply with this Order.
 - i) AEU shall notify the Division if a tract that is leased by AEU, or any other working interest owner, for purposes of operating the Emersyn E RCH BL Unit becomes an unleased tract. If AEU or the working interest owner is unable to enter into lease agreement for the unleased tract, AEU 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 AEU provides the Chief with final written approval of the unit operations as prescribed in this Order from AEU, 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 AEU 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 AEU, 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, AEU shall file a copy of this Order within the Belmont County (Ohio) Recorder's Office, in the records of each of the tracts that are subject to this Order and referenced in Exhibits A and B. AEU 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 Emersyn E RCH BL 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 AEU's Unit Agreement and Unit Operating Agreement as to any unleased mineral owner.

August 28, 2015
Date

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:

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EXHIBIT A-1 Emersyn E RCH BL Unit

Exhibit "A-1"

Tract Number	Mineral Owner	Address	Parcel Number	Deed Acreage	Unit Acreage	Unit Working Interest ("WI")	AEU Unit WI	AEU Unit Participation	XTO WI	XTO Unit Participation	Gulfport WI	Gulfport Unit Participation	Rice WI	Rice Unit Participation
1	Ida M. Boone	C/O Ida M. Brock 44591 Saffell Rd. Belmont, Ohio 43718	32-00491 000	5.00	1.486	0.52%	95.00%	0.49%	5.00%	0.03%	0.00%	0.00%	0.00%	0.00%
4	Bedway Land and Minerals Company	C/O Jonathan Bedway 67877 Panceost Rd. Belmont, Ohio 43718	32-01242 000	142.59	46.487	16.25%	95.00%	15.44%	5.00%	0.81%	0.00%	0.00%	0.00%	0.00%
6	Robert R. & Bonnie K. Rossini	PO Box 21 St. Clairsville, Ohio 43950	32-01296 001	36.45	1.211	0.42%	0.00%	0.00%	0.00%	0.00%	100.00%	0.42%	0.00%	0.00%
8	David L. Grum & Sarah E. Grum	68895 Loydsville Bannock Rd Belmont, Ohio 43718	32-01336 000	44.42	6.933	2.42%	95.00%	2.30%	5.00%	0.12%	0.00%	0.00%	0.00%	0.00%
9	David L. Grum & Sarah E. Grum	68895 Loydsville Bannock Rd. Belmont, Ohio 43718	32-01402 000	91.91	3.113	1.09%	95.00%	1.03%	5.00%	0.05%	0.00%	0.00%	0.00%	0.00%
10	Ohio River Collieries Company	C/O Anita G. Rice, Corporate Secretary PO Box 128 Bannock, Ohio 43972	32-01481 000	76.88	0.334	0.12%	100.00%	0.12%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
11	Capstone Holding Company	C/O John Dutton, Statutory Agent PO Box 115 Bannock, Ohio 43972	32-01682 000	60.55	5.594	1.96%	100.00%	1.96%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
13	Capstone Holding Company	C/O John Dutton, Statutory Agent PO Box 115 Bannock, Ohio 43972	32-01684 000	40.24	36.880	12.89%	100.00%	12.89%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
14	Capstone Holding Company	C/O John Dutton, Statutory Agent PO Box 115 Bannock, Ohio 43972	32-01686 000	40.00	18.962	6.63%	100.00%	6.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
15	Capstone Holding Company	C/O John Dutton, Statutory Agent PO Box 115 Bannock, Ohio 43972	32-01687 000	56.77	38.313	13.39%	100.00%	13.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
19	Ohio River Collieries Company	C/O Anita G. Rice, Corporate Secretary PO Box 128 Bannock, Ohio 43972	39-00524 000	4.97	1.950	0.68%	100.00%	0.68%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
20	Bedway Land and Minerals Company	C/O Jonathan Bedway 67877 Panceost Rd. Belmont, Ohio 43718	39-00303 000	6.53	0.316	0.11%	95.00%	0.10%	5.00%	0.01%	0.00%	0.00%	0.00%	0.00%
26	Ohio River Collieries Company	C/O Anita G. Rice, Corporate Secretary PO Box 128 Bannock, Ohio 43972	39-00521 000	70.87	39.222	13.71%	100.00%	13.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
27	Ohio River Collieries Company	C/O Anita G. Rice, Corporate Secretary PO Box 128 Bannock, Ohio 43972	39-00522 000	167.76	31.265	10.93%	100.00%	10.93%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
28	Ohio River Collieries Company	C/O Anita G. Rice, Corporate Secretary PO Box 128 Bannock, Ohio 43972	39-00522 001	0.10	0.127	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
29	Ohio River Collieries Company	C/O Anita G. Rice, Corporate Secretary PO Box 128 Bannock, Ohio 43972	39-00523 000	0.22	0.185	0.06%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
30	Ohio River Collieries Company	C/O Anita G. Rice, Corporate Secretary PO Box 128 Bannock, Ohio 43972	39-00534 000	6.82	5.134	1.79%	100.00%	1.79%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
31	Ohio River Collieries Company	C/O Anita G. Rice, Corporate Secretary PO Box 128 Bannock, Ohio 43972	39-00534 001	2.76	1.976	0.69%	100.00%	0.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
35	Ohio River Collieries Company	C/O Anita G. Rice, Corporate Secretary PO Box 128 Bannock, Ohio 43972	39-01240 000	73.25	25.060	8.76%	100.00%	8.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
36	Crystal Coyne	45282 Lucas Lash Road Belmont, Ohio 43718	39-01240 001	1.01	0.105	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.04%
36	Kayla Mamula	65795 N26 Road Bethesda, Ohio 43719	39-01240 001	1.01	0.105	0.04%	100.00%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
37	Cobra Petroleum Company, LP	PO Box 136355 FL Worth, Texas 76136	39-01240 002	7.26	2.1235125	0.74%	100.00%	0.74%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
37	Coastal Management Trust	PO Box 1569 Ponder, Texas 77365	39-01240 002	7.26	0.7078375	0.25%	100.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
37	Domestic Resources, LLC	4450 Oak Park Ln. #101386 FL Worth, Texas 76185	39-01240 002	7.26	0.49965	0.17%	100.00%	0.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Tract Number	Mineral Owner	Address	Parcel Number	Deed Acreage	Unit Acreage	Unit Working Interest ("WI")	AEU Unit WI	AEU Unit Participation	XTO WI	XTO Unit Participation	Gulfport WI	Gulfport Unit Participation	Rice WI	Rice Unit Participation
38	Ohio American Energy, Inc.	C/O Dena Milhoan 46226 National Rd St. Clairsville, Ohio 43950	39-01240.003	4.99	4.365	1.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39	Ohio River Collieries Company	C/O Anita G. Rice, Corporate Secretary PO Box 128 Bannock, Ohio 43972	39-01240.005	0.46	0.493	0.17%	100.00%	0.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
40	Robert Copeland & Bonnie Copeland	69583 Oco Rd. St. Clairsville, Ohio 43950	39-01240.007	7.27	7.273	2.54%	100.00%	2.54%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
41	Keystone Buckeye Energy, LLC	C/O Adam Angelici, Managing Member 445 Washington Ave., Suite 102 Bridgeville, Pennsylvania 15017	39-01241.000	1.00	0.975	0.34%	100.00%	0.34%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
42	Ohio River Collieries Company	C/O Anita G. Rice, Corporate Secretary PO Box 128 Bannock, Ohio 43972	39-01415.000	10.40	2.927	1.02%	100.00%	1.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
43	Ohio River Collieries Company	C/O Anita G. Rice, Corporate Secretary PO Box 128 Bannock, Ohio 43972	39-01417.000	3.71	0.495	0.17%	100.00%	0.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
44	Ohio River Collieries Company	C/O Anita G. Rice, Corporate Secretary PO Box 128 Bannock, Ohio 43972	39-01417.001	2.35	1.493	0.52%	100.00%	0.52%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
				Total	286.110	100.00%	AEU	96.89%	XTO	1.02%	Gulfport	0.42%	Rice	0.04%

End of Exhibit "A-1"

EXHIBIT A-3

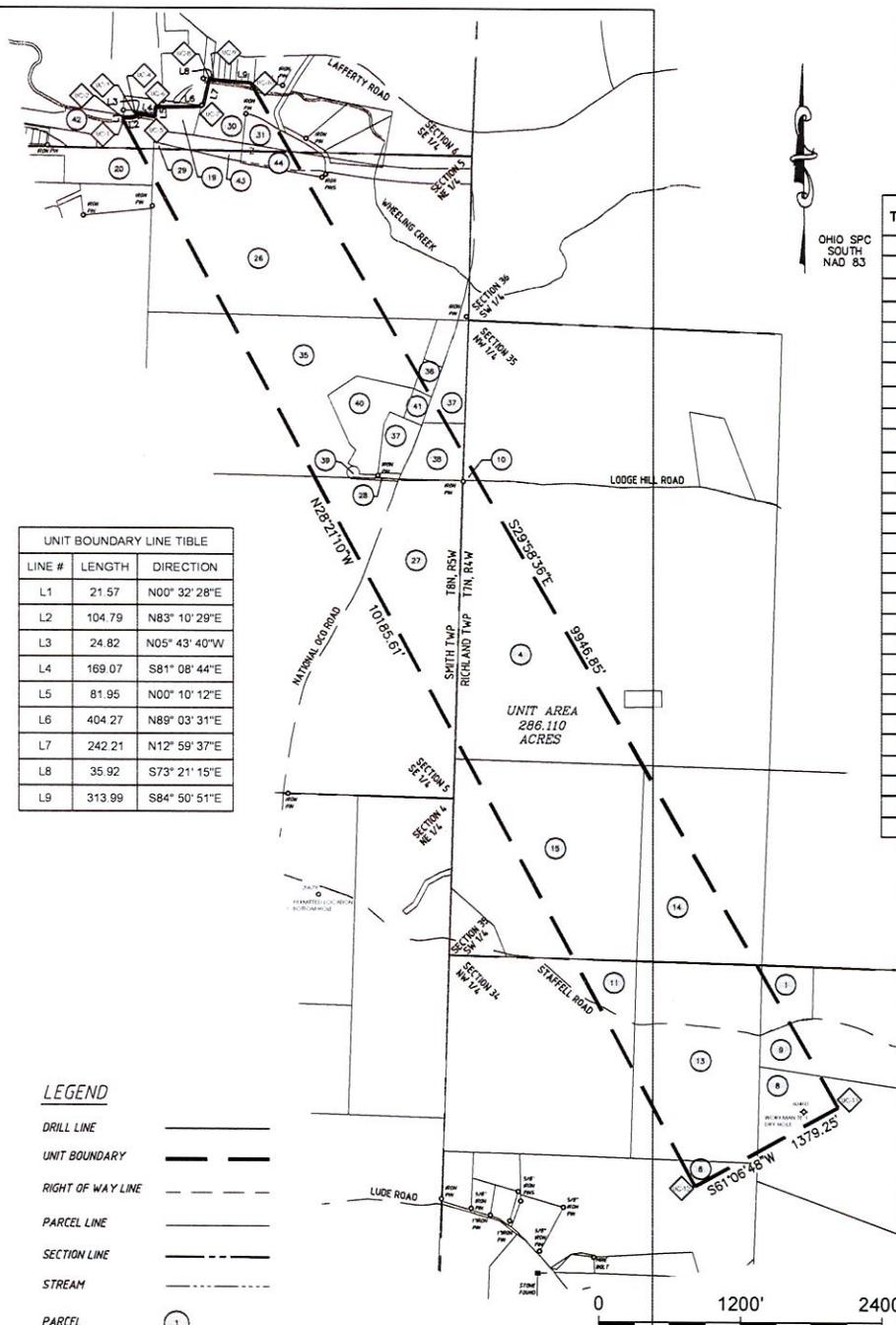
Emersyn E RCH BL Unit

Non-Consenting Working Interest Owners in Emersyn E RCH BL Unit

Working Interest Owner	Working Interest Owner Address	Tract Number	Mineral Owner	Parcel Number	Unit Acreage	Unit Participation
Gulfport Energy Corporation	C/O Bill Eischeid, Land Manager 14313 N. May Avenue, Suite 100 Oklahoma City, Oklahoma 73134	6	Robert R. & Bonnie K. Rossini	32-01296.001	1.211	0.42%
Total					1.211	0.42%

End of Exhibit "A-3"

EXHIBIT B Emersyn E RCH BL Unit



UNIT BOUNDARY LINE TABLE		
LINE #	LENGTH	DIRECTION
L1	21.57	N00° 32' 28"E
L2	104.79	N83° 10' 29"E
L3	24.82	N05° 43' 40"W
L4	169.07	S81° 08' 44"E
L5	81.95	N00° 10' 12"E
L6	404.27	N89° 03' 31"E
L7	242.21	N12° 59' 37"E
L8	35.92	S73° 21' 15"E
L9	313.99	S84° 50' 51"E

○ UNIT PARCEL ACREAGE

TRACT NO.	PARCEL NUMBER	AREA IN UNIT (ACRES)
1	32-00491.000	1.486
4	32-01242.000	46.487
6	32-01296.001	1.211
8	32-01336.000	6.933
9	32-01402.000	3.113
10	32-01481.000	0.334
11	32-01682.000	5.594
13	32-01684.000	36.880
14	32-01686.000	18.962
15	32-01687.000	38.313
19	39-00524.000	1.950
20	39-00303.000	0.316
26	39-00521.000	39.222
27	39-00522.000	31.265
28	39-00522.001	0.127
29	39-00523.000	0.185
30	39-00534.000	5.134
31	39-00534.001	1.976
35	39-01240.000	25.060
36	39-01240.001	0.210
37	39-01240.002	3.331
38	39-01240.003	4.365
39	39-01240.005	0.493
40	39-01240.007	7.273
41	39-01241.000	0.975
42	39-01415.000	2.927
43	39-01417.000	0.495
44	39-01417.001	1.493
TOTAL:		286.110

LEGEND

DRILL LINE	— — — — —
UNIT BOUNDARY	— — — — —
RIGHT OF WAY LINE	- - - - -
PARCEL LINE	— — — — —
SECTION LINE	— — — — —
STREAM	— · — · — ·
PARCEL	①
UNIT CORNER	◊



DPU PLAT	
EMERSYN E RCH BL	
OPERATOR: AMERICAN ENERGY - UTICA, LLC	
ADDRESS: 3501 NW 63rd OKLAHOMA CITY, OK 73116	
SECTION: 34	TOWNSHIP: T7N
COUNTY: BELMONT	RANGE: R4W
MUNICIPALITY: RICHLAND TWP	
U.S.G.S. QUAD: SAINT CLAIRSVILLE	
DATE: 8/3/14	PAGE NO: 2 OF 2
JOB NO: 750430	