

2024-1002

VIRGINIA LAND RECORD COVER SHEET

Commonwealth of Virginia VA. CODE §§ 17.1-223, -227.1, -249

FORM A - COVER SHEET CONTENT

Instrument Date: 4/3/2024

Instrument Type: ODU

Number of Parcels: 0 Number of Pages: 67

[] City [X] County TAZEWELL COUNTY COURT
CIRCUIT COURT

Tax Exempt? VIRGINIA/FEDERAL CODE SECTION

[X] Grantor: VIRGINIA GAS AND OIL BOARD

[X] Grantee: POCAHONTAS GAS LLC

Business/Name

1 X Grantor: VIRGINIA GAS AND OIL BOARD

Grantor:

1 X Grantee: POCAHONTAS GAS LLC

2 X Grantee: POCAHONTAS GAS LLC

Grantee Address

Name: POCAHONTAS GAS LLC

Address: P O BOX 570

City: POUNDING MILL State: VA Zip Code: 24637

Consideration: \$0.00 Existing Debt: \$0.00 Actual Value/Assumed: \$0.00

PRIOR INSTRUMENT UNDER § 58.1-803(D):

Original Principal: \$0.00 Fair Market Value Increase: \$0.00

Original Book No.: 2014 Original Page No.: 3214 Original Instrument No.:

Prior Recording At: [] City [] County Percentage In This Jurisdiction:

Book Number: Page Number: Instrument Number:

Parcel Identification Number/Tax Map Number: see attached

Short Property Description:

Current Property Address:

City: State: Zip Code:

Instrument Prepared By: VIRGINIA GAS AND OIL BOARD Recording Paid By: VIRGINIA DEPARTMENT OF ENERGY

Recording Returned To: VIRGINIA DEPARTMENT OF ENERGY

Address: 3405 MOUNTAIN EMPIRE RD

City: BIG STONE GAP State: VA Zip Code: 24219

INSTRUMENT 202401002
RECORDED IN THE CLERK'S OFFICE OF
TAZEWELL COUNTY CIRCUIT COURT ON
MAY 8, 2024 AT 01:48 PM
CHARITY D. HURST, CLERK
RECORDED BY: KPG

Kathy Cruise

(Area Above Reserved For Deed Stamp Only)



VIRGINIA LAND RECORD COVER SHEET

Commonwealth of Virginia VA. CODE §§ 17.1-223, -227.1, -249

FORM B – ADDITIONAL GRANTORS/GRANTEES

Instrument Date: 4/3/2024

Instrument Type: ODU

Number of Parcels: 0 Number of Pages: 67

City County TAZEWELL COUNTY COURT
CIRCUIT COURT



Grantor Business/Name

(Area Above Reserved For Deed Stamp Only)

- Grantor:

Grantee Business/Name

- 3 Grantee: CRAWFORD, EDWINA S
- 4 Grantee: CRAWFORD, MICHAEL T
- Grantee:



Instrument prepared by:
VIRGINIA GAS AND OIL BOARD

Order recorded under:
CODE OF VIRGINIA
§ 45.2-1628

BEFORE THE VIRGINIA GAS AND OIL BOARD

RELIEF SOUGHT: An Order for Disbursement of Escrowed Funds (and Authorization for Direct Payment of Royalties)

JURISDICTION: Code of Virginia § 45.2-1600 (et seq)

UNITWELL NAME: AX146

TRACT(S): 1E, 1F, 1L

LOCATION: TAZEWELL County, Virginia

TAX ID NUMBERS: Tax Map Identification Numbers for all parcels affected by this order are shown on: Tract Identification Sheet

DOCKET NUMBER: VGOB-13-1217-4028-04

APPLICANTS: Pocahontas Gas LLC on behalf of Edwina S. and Michael T. Crawford, Edwina S. Crawford

HEARING DATE AND LOCATION: On June 16, 2015, the Virginia Gas and Oil Board, on its own motion, granted the Gas and Oil Director the authority to process coal owner dismissal disbursements that have no pending deficiencies or issues. Code of Virginia Section 45.2-1624 Effective date: July 1, 2015.

APPEARANCES: Mark A. Swartz on behalf of Pocahontas Gas LLC

PRIOR PROCEEDINGS:

1. Original Pooling Order Executed 01/02/2014, Recorded on 03/17/2014, Deed Book/Instrument No. 2014, Page 3214, County TAZEWELL.
2. Supplemental Order Executed 07/31/2014, Recorded on 08/21/2014, Deed Book/Instrument No. 2014, Page 1219, County TAZEWELL.
3. Modification Order -01 Executed 11/21/2014, Recorded on 12/12/2014, Deed Book/Instrument No. 2014, Page 1907, County TAZEWELL.

4. Supplemental Order -01 Executed 02/27/2015, Recorded on 03/12/2015, Deed Book/Instrument No. 2015, Page 0296, County TAZEWELL.
5. Disbursement Order -02 Executed 03/22/2017, Recorded on 04/25/2017, Deed Book/Instrument No. 2017, Page 0585, County TAZEWELL.
6. Disbursement Order -03 Executed 05/08/2023, Recorded on 05/25/2023, Deed Book/Instrument No. 230001281, County TAZEWELL.

NOTICE:

- (1) Amend the Pooling Order to provide for the disbursement of funds on deposit in the Escrow Account attributable to Tract(s) 1E, 1F, 1L identified in the attached petition.
- (2) Delete the requirement that the Unit Operator place future royalties attributable to Tract(s) 1E, 1F, 1L relative to the interests of the Applicants identified in the attached petition.
- (3) Continue the escrow account under this docket number.

FINDINGS: Code of Virginia § 45.2-1622 AND § 45.2-1624.

Applicant has certified and represented to the Board that:

- a. Edwina S. Crawford and Michael T. Crawford are the gas claimant in Tract(s) 1E, 1F, & 1L. As such Edwina S. Crawford and Michael T. Crawford are entitled to 100% of the CBM royalties now in escrow and as may be hereafter payable. See Va. Code Ann. § 45.2-1624.A.
- b. That Pocahontas Gas LLC (formerly CNX Gas Company LLC) has given the notice(s) required by § 45.2-1624.A to all conflicting claimants identified in the above referenced pooling Order and any supplemental Orders pertaining thereto.
- c. That when the Board granted Petitioner's Miscellaneous Petition in VGOB 13-1217-4028-02, it dismissed the coal claimant(s) Southern Region Industrial Corporation, Pardee Royalty & Pardee Minerals LLC, White Wolfe Energy, Inc. and CNX RCPC LLC as a Respondent to these proceedings. Accordingly, Southern Region Industrial Corporation, Pardee Royalty & Pardee Minerals LLC, White Wolfe Energy, Inc. and CNX RCPC LLC was not provided further notice under § 45.2-1618 and 1624 of the hearing set on this Petition.
- d. That a detailed accounting in accordance with the applicable provisions of § 45.2-1624 is submitted herewith and identified as Exhibit J.
- e. That an Exhibit identified as Table 1 is annexed hereto, and it specifies how the disbursement(s) is to be calculated and paid by the escrow agent.
- f. That Va. Code Ann. § 45.2-1624.A. further provides that the Operator shall pay such royalties as may hereafter be payable directly to the gas claimant Edwina S. Crawford and Michael T. Crawford and not escrow same. See Exhibit EE annexed hereto.

1. The Escrow Agent is ordered, to within ten (10) days of receipt of this executed order, disburse funds for the unit and applicants detailed in Table 1.
2. The Escrow Agent is ordered to continue the Escrow Account for the Subject Drilling unit based on the attached Revised Exhibit E which replaces all prior Exhibit E's recorded for the Subject Drilling Unit.

CONCLUSION:

Therefore, the requested relief and all terms and provisions set forth above be and hereby are granted and IT IS SO ORDERED.

APPEALS:

Appeals of this Order are governed by the provisions of the Code of Virginia § 45.2-1609 which provides that any order or decision of the Board may be appealed to the appropriate circuit court and that whenever a coal owner, coal operator, gas owner, gas operator, or operator of a gas storage field certificated by the State Corporation Commission is a party in such action, the court shall hear such appeal de novo.

DONE AND EXECUTED this 3 day of April, 2024 by a majority of the Virginia Gas and Oil Board.



Chairman, Donald L. Ratliff

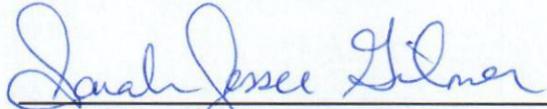
DONE AND PERFORMED this 3 day of April, 2024 by Order of the Virginia Gas and Oil Board.



James P. Skorupa
Principal Executive to the staff,
Virginia Gas and Oil Board

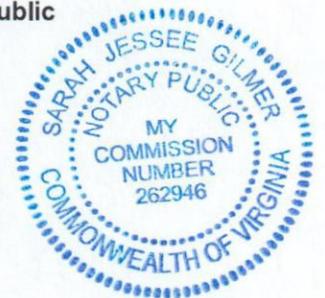
COMMONWEALTH OF VIRGINIA
COUNTY OF RUSSELL

Acknowledged on this 3rd day of April, 2024, personally before me a notary public in and for the Commonwealth of Virginia, appeared Donald L. Ratliff, being duly sworn did depose and say that he is the Interim Chairman of the Virginia Gas and Oil Board and appeared James P. Skorupa, being duly sworn did depose and say that he is Principal Executive to the staff of the Virginia Gas and Oil Board, that they executed the same and was authorized to do so.



Sarah Jessee Gilmer, Notary Public
262946

My Commission expires: July 31, 2025



BEFORE THE VIRGINIA GAS AND OIL BOARD

PETITIONER: Pocahontas Gas LLC

GAS AND OIL PROGRAM

DOCKET NO: VGOB 13-1217-4028-04

RELIEF SOUGHT: (1) DISBURSEMENT FROM ESCROW REGARDING TRACT(S) 1E, 1F, 1L (2) AND AUTHORIZATION FOR DIRECT PAYMENT OF ROYALTIES (3) AND DISMISSAL OF COAL OWNERS PURSUANT TO CODE OF VIRGINIA SECTION 45.2-1624.

HEARING DATE: On June 16, 2015, the Virginia Gas and Oil Board, on its own motion, granted the Gas and Oil Director the authority to process coal owner dismissal disbursements that have no pending deficiencies or issues. Code of Virginia Section 45.2-1624. Effective date: July 1, 2015.

TAX ID NUMBERS: Tax Map Identification Numbers for all parcels affected by this petition are shown on: Tract Identification Sheet

DRILLING UNIT: AX146

TAZEWELL COUNTY, VIRGINIA

PETITION FOR ORDER OF DISBURSEMENT OF ESCROW FUNDS

1. Petitioner and its counsel

Petitioner is Pocahontas Gas LLC, PO Box 570, Pounding Mill, VA 24637, 276-596-5075. Petitioner's counsel is Mark A. Swartz, Hillard & Swartz, LLP, 122 Capital Street, Suite 201, Charleston, WV 25301.

2. Relief Sought

(1) the disbursement of escrowed funds heretofore deposited with the Board's Escrow Agent, attributable to Tracts 1E, 1F, & 1L as depicted upon the annexed Table; and (2) authorization to begin paying royalties directly to Edwina S. Crawford and Michael T. Crawford.

3. Legal Authority

Va. Code Ann. § 45.2-1600 et seq., 4 VAC 25-160-140., and relevant Virginia Gas and Oil Board Orders ("Board") heretofore promulgated pursuant to law.

4. Type of Well(s)

Coalbed Methane

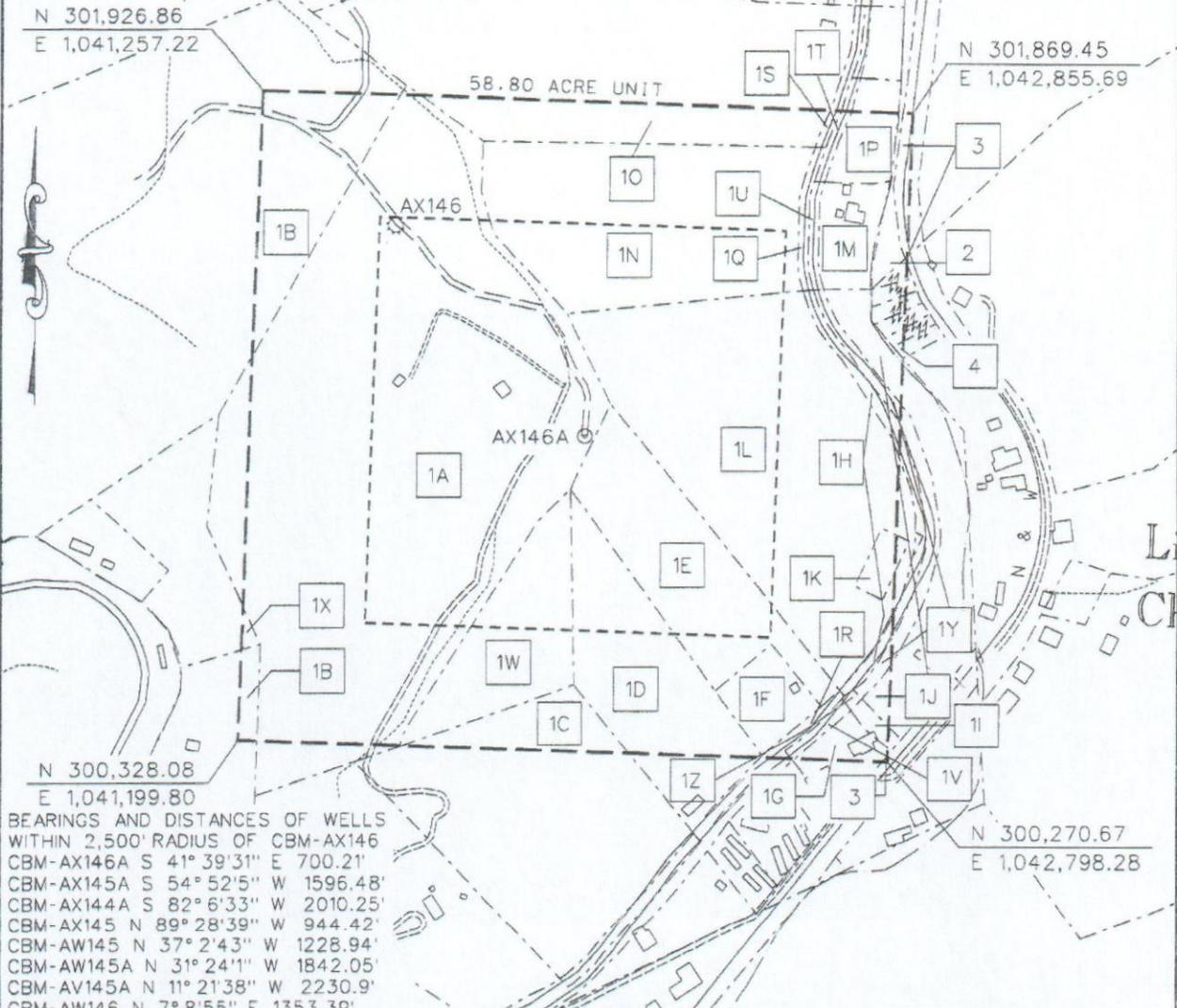
5. Factual basis for relief requested

- a. Edwina S. Crawford and Michael T. Crawford are the gas claimant in Tract(s) 1E, 1F, & 1L. As such Edwina S. Crawford and Michael T. Crawford are entitled to 100% of the CBM royalties now in escrow and as may be hereafter payable. See Va. Code Ann. § 45.2-1624.A.
- b. That Pocahontas Gas LLC (formerly CNX Gas Company LLC) has given the notice(s) required by § 45.2-1624.A to all conflicting claimants identified in the above referenced pooling Order and any supplemental Orders pertaining thereto.
- c. That when the Board granted Petitioner's Miscellaneous Petition in VGOB 13-1217-4028-02, it dismissed the coal claimant(s) Southern Region Industrial Corporation, Pardee Royalty & Pardee Minerals LLC, White Wolfe Energy, Inc. and CNX RCPC LLC as a Respondent to these proceedings. Accordingly, Southern Region Industrial Corporation, Pardee Royalty & Pardee Minerals LLC, White Wolfe Energy, Inc. and CNX RCPC LLC was not provided further notice under § 45.2-1618 and 1624 of the hearing set on this Petition.
- d. That a detailed accounting in accordance with the applicable provisions of § 45.2-1624 is submitted herewith and identified as Exhibit J.
- e. That an Exhibit identified as Table 1 is annexed hereto, and it specifies how the disbursement (s) is to be calculated and paid by the escrow agent.
- f. That Va. Code Ann. § 45.2-1624.A. further provides that the Operator shall pay such royalties as may hereafter be payable directly to the gas claimant Edwina S. Crawford and Michael T. Crawford and not escrow same. See Exhibit EE annexed hereto.

6. Attestation

The foregoing Petition to the best of my knowledge, information, and belief is true and correct.

Property lines shown on this plat were provided by CNX Gas Company LLC and were taken from deed descriptions and chains of title of record. This does not represent a current boundary survey. This certification is as to the size, shape and location of the proposed unit.



N 301,926.86
E 1,041,257.22

N 301,869.45
E 1,042,855.69

58.80 ACRE UNIT

N 300,328.08
E 1,041,199.80

N 300,270.67
E 1,042,798.28

BEARINGS AND DISTANCES OF WELLS
WITHIN 2,500' RADIUS OF CBM-AX146
 CBM-AX146A S 41° 39' 31" E 700.21'
 CBM-AX145A S 54° 52' 5" W 1596.48'
 CBM-AX144A S 82° 6' 33" W 2010.25'
 CBM-AX145 N 89° 28' 39" W 944.42'
 CBM-AW145 N 37° 2' 43" W 1228.94'
 CBM-AW145A N 31° 24' 11" W 1842.05'
 CBM-AV145A N 11° 21' 38" W 2230.9'
 CBM-AW146 N 7° 8' 55" E 1353.20'

○ CBM WELL
● PROPOSED CBM WELL



Digitally signed by Stephen E Maxfield
 DN: c=US, o=IdenTrust ACES Business Representative, ou=D. R. PRICE ENGINEERING AND LAND SURVEYING INC PC, cn=Stephen E Maxfield.
 0.9.2342.19200300.100.1.1=A010980000013B4DEE1AFB000057FD
 Date: 2014.10.09 10:22:21 -04'00'

EXHIBIT A
 MIDDLE RIDGE FIELD
 UNIT AX146
 FORCE POOLING
 VGOB-13-1217-4028-01

Company CNX Gas Company LLC Well Name and Number UNIT AX146
 Tract No. _____ Elevation _____ Quadrangle RICHLANDS
 County TAZEWELL District MAIDEN SPRINGS Scale: 1" = 400' Date _____
 This plat is a new plat X ; an updated plat _____ ; or a final plat _____

Form DGO-GD-7 _____ (Affix Seal)
 Rev. 9/91 Licensed Professional Engineer or Licensed Land Surveyor

CNX Gas Company LLC
UNIT AX146
Tract Identifications
(58.80 Acre Unit)

- 1A. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Ivory I. Brown – Surface, Oil and Gas
CNX Gas Company LLC – Oil, Gas and CBM Leased
(Tax Map 87A -0004)
20.99 Acres 35.6973%
- 1B. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Pardee Royalty LLC (50%) and Pardee Minerals LLC (50%) – Oil, Gas and CBM except CBM in P-3 Seam
CNX Gas Company LLC – CBM - Deemed Leased via JOA
Southern Region Industrial Realty Corporation – Surface
Appalachian Forests A., LLC – Timber
(Tax Map 87A-0012)
2.76 Acres 4.6939%
- 1C. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Commonwealth of Virginia or Buchanan Supply, Inc. – Surface, Oil and Gas
CNX Gas Company LLC – Oil, Gas and CBM Leased (if owned by Buchanan Supply, Inc.)
(Tax Map 87A-0020)
1.07 Acres 1.8197%
- 1D. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Delbert Dye – Surface, Oil and Gas
(Tax Map 87A-0010)
3.20 Acres 5.4422%

"This title block is for general informational purposes only and does not reflect an analysis of the severance deed and its effect upon coal bed methane ownership and should not be relied upon for such purpose."

CNX Gas Company LLC
UNIT AX146
Tract Identifications
(58.80 Acre Unit)

- 1E. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Ruth E. Strouth Heirs – Surface, Oil and Gas
(Tax Map 87-01-0003)
3.65 Acres 6.2075%
- 1F. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Edwina Strouth Crawford, et vir – Surface, Oil and Gas
(Tax Map 87-01-0003A)
0.84 Acres 1.4286%
- 1G. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Norma Jean Wells Smith – Surface, Oil and Gas
(Tax Map 087-01-0001)
0.36 Acres 0.6122%
- 1H. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Commonwealth of Virginia – Surface, Oil and Gas
(Tax Map 087-0000)
0.39 Acres 0.6633%
- 1I. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Levi Hickman Heirs – Surface, Oil and Gas
(Tax Map 087-0000)
0.12 Acres 0.2041%

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CNX Gas Company LLC
UNIT AX146
Tract Identifications
(58.80 Acre Unit)

- 1J. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Glen Harold Roberts, et ux – Surface, Oil and Gas
(Tax Map 087-01-0002A, 0002B)
0.61 Acres 1.0374%
- 1K. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Levi Hickman Heirs – Oil and Gas
Unknown Surface Owner (Cemetery)
(Tax Map 087-0000)
0.24 Acres 0.4082%
- 1L. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Ruth E. Strouth Heirs – Surface, Oil and Gas
(Tax Map 087-01-0006)
9.78 Acres 16.6326%
- 1M. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Daniel F. Robinson, et ux – Surface, Oil and Gas
(Tax Map 087AA-0011, 0012)
0.87 Acres 1.4796%
- 1N. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Patricia Louise Allen – Surface, Oil and Gas
(Tax Map 087-01-0007)
6.55 Acres 11.1395%

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CNX Gas Company LLC

UNIT AX146

Tract Identifications

(58.80 Acre Unit)

- 1O. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Chester Mitchell, et ux– Surface, Oil and Gas
CNX Gas Company, LLC – Oil, Gas and CBM Leased
(Tax Map 87 01 Parcel 8)
2.08 Acres 3.5374%
- 1P. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Dewey Meadows Heirs – Surface, Oil and Gas
(Tax Map 87A-0011)
0.56 Acres 0.9524%
- 1Q. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Patricia Louise Allen – Oil and Gas
Commonwealth of Virginia – Surface
(Tax Map 087-01-0007)
0.21 Acres 0.3571%
- 1R. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Commonwealth of Virginia – Surface, Oil and Gas
(Tax Map 087-0000)
0.16 Acres 0.2721%
- 1S. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Commonwealth of Virginia – Surface, Oil and Gas
(Tax Map 087-0000)
0.06 Acres 0.1020%

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CNX Gas Company LLC
UNIT AX146
Tract Identifications
(58.80 Acre Unit)

- 1T. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
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CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Commonwealth of Virginia – Surface, Oil and Gas
(Tax Map 087-0000)
0.11 Acres 0.1871%
- 1U. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Commonwealth of Virginia – Surface, Oil and Gas
(Tax Map 087-0000)
0.15 Acres 0.2551%
- 1V. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Commonwealth of Virginia – Surface, Oil and Gas
(Tax Map 087-0000)
0.13 Acres 0.2211%
- 1W. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Ivory I. Brown – Surface, Oil and Gas
CNX Gas Company LLC – Oil, Gas and CBM Leased
(Tax Map 87A-0004)
2.66 Acres 4.5238%
- 1X. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Ivory I. Brown – Surface, Oil and Gas
CNX Gas Company LLC – Oil, Gas and CBM Leased
(Tax Map 87A-0009)
0.05 Acres 0.0850%

"This title block is for general informational purposes only and does not reflect an analysis of the severance deed and its effect upon coal bed methane ownership and should not be relied upon for such purpose."

CNX Gas Company LLC
UNIT AX146
Tract Identifications
(58.80 Acre Unit)

- 1Y. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Commonwealth of Virginia – Surface, Oil and Gas
(Tax Map 87A-0000)
0.31 Acres 0.5272%
- 1Z. Southern Region Industrial Realty Corp., Tr. 12 (153.17 Acre Tract) - All Coal Except P-3 Seam
CNX Gas Company LLC – CBM Leased (Deemed Leased via JOA)
CNX RCPC LLC – Coal in P-3 Seam
CNX Gas Company LLC – CBM in P-3 Seam
White Wolf Energy, Inc. - All Coal Leased except P-3, Raven, Tiller and Lower Seaboard Seams
Massey Energy – Coal in Raven, Tiller and Lower Seaboard Seams Leased
Levi Hickman Heirs or Commonwealth of Virginia – Oil and Gas
Commonwealth of Virginia - Surface
(Tax Map 87A-0000)
0.03 Acres 0.0510%
2. Sydney L. Asbury, et al (21.57 Acre Tract) – Minerals
CNX Gas Company LLC – Oil, Gas and CBM Leased
Sydney L. Asbury, et al – Surface
(Tax Map NM0098)
0.30 Acres 0.5102%
3. Norfolk Southern Railway Company (1.26 Acre Tract) – Fee
CNX Gas Company LLC – CBM Leased
(Tax Map 087-0000)
0.26 Acres 0.4422%
4. H.L. Spratt Heirs and Assigns (0.53 Acre Tract) – Minerals
Unknown surface Owners
(Tax Map 087A-01-0004-0009)
0.30 Acres 0.5102%

"This title block is for general informational purposes only and does not reflect an analysis of the severance deed and its effect upon coal bed methane ownership and should not be relied upon for such purpose."

Exhibit E
Unit AX-146
Docket VGOB #13-1217-4028-04
List of Owners/Claimants requiring Escrow
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
Tract #1C - 1.07 acres		
COAL OWNERSHIP		
(1) Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i> <i>Tr. 12 (153.17 acre tract)</i> Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701	1.07 acres	1.8197% <i>Dismissed under (02) petition</i>
<p><i>Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99</i></p> <p>Penn Virginia Oil & Gas Corporation</p> <p><i>Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EnerVest Energy Funds, Instrument 120002794</i></p> <p>EnerVest Energy Funds</p> <p><i>With an effective date of January 1, 2013, EnerVest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC, Instrument 130004819</i></p> <p>Pardee Royalty LLC and Pardee Minerals LLC</p> <p><i>With an effective date of January 1, 2017, Pardee Minerals LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Mineral Holding Company LLC, Instrument 180000559</i></p> <p><i>With an effective date of January 1, 2017, Pardee Minerals Holding Company LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Royalty LLC, Instrument 180000784</i></p> <p style="text-align: right;"><i>*All correspondence, notices, and requests for information to: Pardee Royalty LLC Attn: Jeffrey A. Brown 135 Corporate Center Drive Suite 510 Scott Depot, WV 25560-0018</i></p> <p>Pardee Royalty LLC PO Box 829794 Philadelphia, PA 19182-9794</p> <p>White Wolf Energy, Inc.</p> <p><i>By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name</i></p> <p>White Wolf Energy LLC One City Place Drive, Suite 300 St. Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i></p>		
(2) Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i> PO Drawer L Oakwood, VA 24631	1.07 acres	
Title conflict under review		
OIL & GAS OWNERSHIP		
(1) Commonwealth of Virginia Department of Transportation 2111 Bonham Road Bristol, VA 24201-2019	1.07 acres	1.8197%
OR		
(1) Buchanan Supply, Inc. 3436 N 71 Lebanon, VA 24266	1.07 acres	1.8197%

Acres 1.07
Percent 1.8197%

Exhibit E
Unit AX-146
Docket VGOB #13-1217-4028-04
List of Owners/Claimants requiring Escrow
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
Tract #1D - 3.20 acres		
COAL OWNERSHIP		
(1) Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i> <i>Tr. 12 (153.17 acre tract)</i> Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701	3.20 acres	5.4422% <i>Dismissed under (02) petition</i>
<i>Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99</i>		
Penn Virginia Oil & Gas Corporation		
<i>Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds</i>		
EnerVest Energy Funds		
<i>With an effective date of January 1, 2013, Enervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC</i>		
Pardee Royalty LLC and Pardee Minerals LLC		
<i>With an effective date of January 1, 2017, Pardee Minerals LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Mineral Holding Company LLC, Instrument 180000559</i>		
<i>With an effective date of January 1, 2017, Pardee Minerals Holding Company LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Royalty LLC, Instrument 180000784</i>		
Pardee Royalty LLC PO Box 829794 Philadelphia, PA 19182-9794		<i>*All correspondence, notices, and requests for information to: Pardee Royalty LLC Attn: Jeffrey A. Brown 135 Corporate Center Drive Suite 510 Scott Depot, WV 25560-0018</i>
White Wolf Energy, Inc.		
<i>By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name</i>		
White Wolf Energy LLC One City Place Drive, Suite 300 St. Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i>		
(2) Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i> PO Drawer L Oakwood, VA 24631	3.20 acres	
OIL & GAS OWNERSHIP		
Heirship Pending		
(1) Delbert Dye Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	3.20 acres	5.4422%
	Acres Percent	3.20 5.4422%

Exhibit E
Unit AX-146
Docket VGOB #13-1217-4028-04
List of Owners/Claimants requiring Escrow
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
Tract #11 - 0.12 acres		
COAL OWNERSHIP		
(1) Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i> <i>Tr. 12 (153.17 acre tract)</i> Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701	0.12 acres	0.2041% <i>Dismissed under (02) petition</i>
<i>Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99</i>		
Penn Virginia Oil & Gas Corporation		
<i>Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds</i>		
EnerVest Energy Funds		
<i>With an effective date of January 1, 2013, Enervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC</i>		
Pardee Royalty LLC and Pardee Minerals LLC		
<i>With an effective date of January 1, 2017, Pardee Minerals LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Mineral Holding Company LLC, Instrument 180000559</i>		
<i>With an effective date of January 1, 2017, Pardee Minerals Holding Company LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Royalty LLC, Instrument 180000784</i>		
<i>*All correspondence, notices, and requests for information to:</i>		
Pardee Royalty LLC Attn: Jeffrey A. Brown 135 Corporate Center Drive Suite 510 Scott Depot, WV 25560-0018		
Pardee Royalty LLC PO Box 829794 Philadelphia, PA 19182-9794		
White Wolf Energy, Inc.		
<i>By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name</i>		
White Wolf Energy LLC One City Place Drive, Suite 300 St. Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i>		
(2) Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i> PO Drawer L Oakwood, VA 24631	0.12 acres	
Outstanding W-9/Affidavits & Unresolved Heirship		
OIL & GAS OWNERSHIP		
(1) Levi Hickman Heirs, Devisees, Successors or Assigns	0.12 acres	0.2041%
(a) Susie P. Taylor Heirs, Devisees, Successors or Assigns <i>(Documentation Pending)</i>	0.0150 acres 1/8 of 0.12 acres	0.0255%
(a.1) Mary Elizabeth Gibson Forrest 3519 Highway 61 E Luttrell, TN 37779		
(b) Ruey J. Crigger Heirs, Devisees, Successors or Assigns		

Exhibit E
Unit AX-146
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List of Owners/Claimants requiring Escrow
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
(b.1) Kelly Crigger Heirs, Devisees, Successors or Assigns		
(b.1.5) Hazel Crigger Lane Heirs, Devisees, Successors or Assigns		
(b.1.5.2) Mary Jane Minnich Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0015 acres 1/80 of 0.12 acres	0.0026%
(b.1.6) Dorothy Frazier Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0030 acres 1/40 of 0.12 acres	0.0051%
(c) Martha Stump Heirs, Devisees, Successors or Assigns		
(c.1) John M. Stump	<i>Life estate extinguished</i>	
(c.1.1) Albert C. Stump Heirs, Devisees, Successors or Assigns		
(c.1.1.1) Lillian Fern Stump	<i>Life estate extinguished</i>	
(c.1.1.1.1) Ernest Eugene Stump Heirs, Devisees, Successors or Assigns		
(c.1.1.1.1.1) Eugenia Stump 37983 Governor GC Peery Hwy Bluefield, VA 24605	0.0019 acres 1/64 of 0.12 acres	0.0032%
(c.1.3) Mary Alice Stump Vance Heirs, Devisees, Successors or Assigns		
(c.1.3.1) Martha Louise Vance Pruett Heirs, Devisees, Successors or Assigns		
(c.1.3.1.3) Austin Lane Blankenship c/o Nancy Blankenship 1520 Ravens Nest Branch Cedar Bluff, VA 24609	0.0006 acres 1/192 of 0.12 acres	0.0011%
(c.1.5) James I. Stumpp Heirs, Devisees, Successors or Assigns		
(c.1.5.1) Frances Maye Stumpp	<i>Life estate extinguished</i>	
(c.1.5.1.1) James Kenneth Stump Heirs, Devisees, Successors or Assigns		
(c.1.5.1.1.1) Kathy Jane Stumpp Hess PO Box 800 N. Tazewell, VA 24630	0.0004 acres 1/320 of 0.12 acres	0.0006%
(c.1.5.1.3) Vicki Nuckels PO Box 717 Richlands, VA 24641	0.0004 acres 1/320 of 0.12 acres	0.0006%
(c.1.5.1.4) Cecil Ray Stumpp Heirs, Devisees, Successors, or Assigns		
(c.1.5.1.4.1) Ethel C. Stumpp PO Box 717 Richlands, VA 24641	0.0004 acres 1/320 of 0.12 acres	0.0006%
(c.1.6) Zola Stumpp Heirs, Devisees, Successors or Assigns		

Exhibit E
Unit AX-146
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List of Owners/Claimants requiring Escrow
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
(c.1.6.3) Louella Rebecca Shelton Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0005 acres 1/256 of 0.12 acres	0.0008%
(c.1.8) Martha Cordle Heirs, Devisees, Successors or Assigns		
(c.1.8.1) James C. Cordle Heirs, Devisees, Successors or Assigns		
(c.1.8.1.1) Louella Rebecca Shelton Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0009 acres 1/128 of 0.12 acres	0.0016%
(c.1.9) Gladys Stump Lester Heirs	<i>Deceased - no issue - interest back to siblings</i>	
(c.1.10) Hubert Stumpp Heirs	<i>Deceased - no issue - interest back to siblings</i>	
(d) Mary Elizabeth Hickman Heirs, Devisees, Successors or Assigns <i>(Documentation Pending)</i>	0.0150 acres 1/8 of 0.12 acres	0.0255%
(d.1) Ballard Levi Hickman	<i>Pre-Deceased</i>	
(d.1.1) Kathy Hickman Huff 4940 Willow Bluff Circle Knoxville, TN 37914		
(d.1.2) Jan Hickman Stair 112 Charleston Blvd Isle of Palms, SC 29451		
(f) Anna Belle Merrifield Heirs, Devisees, Successors or Assigns		
(f.1) Bettie Jean Coats Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0150 acres 1/8 of 0.12 acres	0.0255%
(g) Hubert Britton Hickman Heirs, Devisees, Successors or Assigns		
(g.1) Cora Alice Day Hickman Heirs	<i>Life estate extinguished</i>	
(g.1.2) Patsy Ruth Hickman Lake Heirs, Devisees, Successors or Assigns		
(g.1.2.2) Kimberly A. Reinoso 2719 79th Ave Dr. West Bradenton, FL 34205	0.0008 acres 1/144 of 0.12 acres	0.0014%
(g.1.2.4) Michael Stephen Allison Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0008 acres 1/144 of 0.12 acres	0.0014%
(g.1.3) Shirli Nell Hickman Allen Doyle Heirs, Devisees, Successors or Assigns		
(g.1.3.1) James Doyle Heirs, Devisees, Successors or Assigns		
(g.1.3.1.1) Chavaliala Joan Breece 3800 Reservoir Rd NW, Apt MG-418 Washington, DC 20007	0.0013 acres 1/96 of 0.12 acres	0.0021%
(h) Cora J. Bullen Heirs, Devisees, Successors or Assigns		
(h.1) Hal E. Bullen Heirs	<i>Life estate extinguished</i>	

Exhibit E
Unit AX-146
Docket VGOB #13-1217-4028-04
List of Owners/Claimants requiring Escrow
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
(h.1.1) Mary Ann (Nancy) Catron Heirs, Devises, Successors or Assigns		
(h.1.1.1) Jack Stout Catron Heirs, Devises, Successors or assigns		
(h.1.1.1.1) Barbara Catron Suarez Heirs, Devises, Successors or Assigns		
(h.1.1.1.1.1) Carlos Suarez 3308 Woodbine Ln Charlotte, NC 28210	0.0038 acres 1/32 of 0.12 acres	0.0064%
(h.1.1.1.2) Caren Catron Cruickshank Heirs, Devises, Successors or Assigns		
(h.1.1.1.2.1) Dan Cruickshank 28289 Timber Valley Ct Beaver Island, MI 49782	0.0013 acres 1/96 of 0.12 acres	0.0021%
(h.1.1.1.2.3) Eric Cruickshank 421 Dawn Circle Charlotte, NC 28213	0.0008 acres 1/144 of 0.12 acres	0.0014%
(h.1.1.1.2.4) Kyle Alexander Hensley 809 Cherry Laurel Drive, Apt. 304 Fayetteville, NC 28314	0.0008 acres 1/144 of 0.12 acres	0.0014%
	Acres Percent	0.0641 0.1090%

Tract #1K - 0.24 acres

COAL OWNERSHIP

- (1) Southern Region Industrial Realty Corp. *(Coal except P3 Seam)* 0.24 acres 0.4082% *Dismissed under (02) petition*
Tr. 12 (153.17 acre tract)
 Pocahontas Land Corporation, Agent
 P. O. Box 1517
 Bluefield, WV 24701

Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99

Penn Virginia Oil & Gas Corporation

Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds

EnerVest Energy Funds

With an effective date of January 1, 2013, Enervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC

Pardee Royalty LLC and Pardee Minerals LLC

With an effective date of January 1, 2017, Pardee Minerals LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Mineral Holding Company LLC, Instrument 180000559

With an effective date of January 1, 2017, Pardee Minerals Holding Company LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Royalty LLC, Instrument 180000784

Pardee Royalty LLC
 PO Box 829794
 Philadelphia, PA 19182-9794

**All correspondence, notices, and requests for information to:
 Pardee Royalty LLC
 Attn: Jeffrey A. Brown
 135 Corporate Center Drive Suite 510
 Scott Depot, WV 25560-0018*

White Wolf Energy, Inc.

Exhibit E
Unit AX-146
Docket VGOB #13-1217-4028-04
List of Owners/Claimants requiring Escrow
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
<i>By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name</i>		
White Wolf Energy LLC One City Place Drive, Suite 300 St. Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i>		
(2) Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i> PO Drawer L Oakwood, VA 24631	0.24 acres	
Outstanding W-9/Affidavits & Unresolved Heirship		
<u>OIL & GAS OWNERSHIP</u>		
(1) Levi Hickman Heirs, Devisees, Successors or Assigns	0.24 acres	0.4082%
(a) Susie P. Taylor Heirs, Devisees, Successors or Assigns <i>(Documentation Pending)</i>	0.0300 acres 1/8 of 0.24 acres	0.0510%
(a.1) Mary Elizabeth Gibson Forrest 3519 Highway 61 E Luttrell, TN 37779		
(b) Ruey J. Crigger Heirs, Devisees, Successors or Assigns		
(b.1) Kelly Crigger Heirs, Devisees, Successors or Assigns		
(b.1.5) Hazel Crigger Lane Heirs, Devisees, Successors or Assigns		
(b.1.5.2) Mary Jane Minnich Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0030 acres 1/80 of 0.24 acres	0.0051%
(b.1.6) Dorothy Frazier Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0060 acres 1/40 of 0.24 acres	0.0102%
(c) Martha Stump Heirs, Devisees, Successors or Assigns		
(c.1) John M. Stump	<i>Life estate extinguished</i>	
(c.1.1) Albert C. Stump Heirs, Devisees, Successors or Assigns		
(c.1.1.1) Lillian Fern Stump	<i>Life estate extinguished</i>	
(c.1.1.1.1) Ernest Eugene Stump Heirs, Devisees, Successors or Assigns		
(c.1.1.1.1) Eugenia Stump 37983 Governor GC Peery Hwy Bluefield, VA 24605	0.0038 acres 1/64 of 0.24 acres	0.0064%
(c.1.3) Mary Alice Stump Vance Heirs, Devisees, Successors or Assigns		
(c.1.3.1) Martha Louise Vance Pruett Heirs, Devisees, Successors or Assigns		

Exhibit E
Unit AX-146
Docket VGOB #13-1217-4028-04
List of Owners/Claimants requiring Escrow
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
(c.1.3.1.3) Austin Lane Blankenship c/o Nancy Blankenship 1520 Ravens Nest Branch Cedar Bluff, VA 24609	0.0013 acres 1/192 of 0.24 acres	0.0021%
(c.1.5) James I. Stumpp Heirs, Devisees, Successors or Assigns		
(c.1.5.1) Frances Maye Stumpp	<i>Life estate extinguished</i>	
(c.1.5.1.1) James Kenneth Stump Heirs, Devisees, Successors or Assigns		
(c.1.5.1.1.1) Kathy Jane Stumpp Hess PO Box 800 N. Tazewell, VA 24630	0.0008 acres 1/320 of 0.24 acres	0.0013%
(c.1.5.1.3) Vicki Nuckels PO Box 717 Richlands, VA 24641	0.0008 acres 1/320 of 0.24 acres	0.0013%
(c.1.5.1.4) Cecil Ray Stumpp Heirs, Devisees, Successors, or Assigns		
(c.1.5.1.4.1) Ethel C. Stumpp PO Box 717 Richlands, VA 24641	0.0008 acres 1/320 of 0.24 acres	0.0013%
(c.1.6) Zola Stumpp Heirs, Devisees, Successors or Assigns		
(c.1.6.3) Louella Rebecca Shelton Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0009 acres 1/256 of 0.24 acres	0.0016%
(c.1.8) Martha Cordle Heirs, Devisees, Successors or Assigns		
(c.1.8.1) James C. Cordle Heirs, Devisees, Successors or Assigns		
(c.1.8.1.1) Louella Rebecca Shelton Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0019 acres 1/128 of 0.24 acres	0.0032%
(c.1.9) Gladys Stump Lester Heirs	<i>Deceased - no issue - interest back to siblings</i>	
(c.1.10) Hubert Stumpp Heirs	<i>Deceased - no issue - interest back to siblings</i>	
(d) Mary Elizabeth Hickman Heirs, Devisees, Successors or Assigns <i>(Documentation Pending)</i>	0.0300 acres 1/8 of 0.24 acres	0.0510%
(d.1) Ballard Levi Hickman	<i>Pre-Deceased</i>	
(d.1.1) Kathy Hickman Huff 4940 Willow Bluff Circle Knoxville, TN 37914		
(d.1.2) Jan Hickman Stair 112 Charleston Blvd Isle of Palms, SC 29451		
(f) Anna Belle Merrifield Heirs, Devisees, Successors or Assigns		
(f.1) Bettie Jean Coats Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0300 acres 1/8 of 0.24 acres	0.0510%

Exhibit E
Unit AX-146
Docket VGOB #13-1217-4028-04
List of Owners/Claimants requiring Escrow
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
(g) Hubert Britton Hickman Heirs, Devisees, Successors or Assigns		
(g.1) Cora Alice Day Hickman Heirs	<i>Life estate extinguished</i>	
(g.1.2) Patsy Ruth Hickman Lake Heirs, Devisees, Successors or Assigns		
(g.1.2.2) Kimberly A. Reinosa 2719 79th Ave Dr. West Bradenton, FL 34205	0.0017 acres 1/144 of 0.24 acres	0.0028%
(g.1.2.4) Michael Stephen Allison Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0017 acres 1/144 of 0.24 acres	0.0028%
(g.1.3) Shirli Nell Hickman Allen Doyle Heirs, Devisees, Successors or Assigns		
(g.1.3.1) James Doyle Heirs, Devisees, Successors or Assigns		
(g.1.3.1.1) Chavalia Joan Breece 3800 Reservoir Rd NW, Apt MG-418 Washington, DC 20007	0.0025 acres 1/96 of 0.24 acres	0.0043%
(h) Cora J. Bullen Heirs, Devisees, Successors or Assigns		
(h.1) Hal E. Bullen Heirs	<i>Life estate extinguished</i>	
(h.1.1) Mary Ann (Nancy) Catron Heirs, Devisees, Successors or Assigns		
(h.1.1.1) Jack Stout Catron Heirs, Devisees, Successors or assigns		
(h.1.1.1.1) Barbara Catron Suarez Heirs, Devisees, Successors or Assigns		
(h.1.1.1.1.1) Carlos Suarez 3308 Woodbine Ln Charlotte, NC 28210	0.0075 acres 1/32 of 0.24 acres	0.0128%
(h.1.1.1.2) Caren Catron Cruickshank Heirs, Devisees, Successors or Assigns		
(h.1.1.1.2.1) Dan Cruickshank 28289 Timber Valley Ct Beaver Island, MI 49782	0.0025 acres 1/96 of 0.24 acres	0.0043%
(h.1.1.1.2.3) Eric Cruickshank 421 Dawn Circle Charlotte, NC 28213	0.0017 acres 1/144 of 0.24 acres	0.0028%
(h.1.1.1.2.4) Kyle Alexander Hensley 809 Cherry Laurel Drive, Apt. 304 Fayetteville, NC 28314	0.0017 acres 1/144 of 0.24 acres	0.0028%
	Acres Percent	0.1282 0.2181%

Tract #1P - 0.56 acres

COAL OWNERSHIP

(1) Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i> <i>Tr. 12 (153.17 acre tract)</i> Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701	0.56 acres	0.9524% <i>Dismissed under (02) petition</i>
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Exhibit E
Unit AX-146
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List of Owners/Claimants requiring Escrow
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
<p><i>Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99</i></p>		
Penn Virginia Oil & Gas Corporation		
<p><i>Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds</i></p>		
EnerVest Energy Funds		
<p><i>With an effective date of January 1, 2013, Enervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC</i></p>		
Pardee Royalty LLC and Pardee Minerals LLC		
<p><i>With an effective date of January 1, 2017, Pardee Minerals LLC conveyed by Deed and Assignment all its right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Mineral Holding Company LLC, Instrument 180000559</i></p>		
<p><i>With an effective date of January 1, 2017, Pardee Minerals Holding Company LLC conveyed by Deed and Assignment all its right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Royalty LLC, Instrument 180000784</i></p>		
<p>Pardee Royalty LLC PO Box 829794 Philadelphia, PA 19182-9794</p>		<p><i>*All correspondence, notices, and requests for information to: Pardee Royalty LLC Attn: Jeffrey A. Brown 135 Corporate Center Drive Suite 510 Scott Depot, WV 25560-0018</i></p>
White Wolf Energy, Inc.		
<p><i>By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name</i></p>		
<p>White Wolf Energy LLC One City Place Drive, Suite 300 St. Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i></p>		
(2) Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i>	0.56 acres	
<p>PO Drawer L Oakwood, VA 24631</p>		
<u>OIL & GAS OWNERSHIP</u>		
(1) Dewey Meadows Heirs, Devisees, Successors or Assigns	0.56 acres	0.9524%
(b) Leila Crawford Heirs, Devisees, Successors or Assigns		
(b.1) Helen C. Begley Heirs, Devisees, Successors or Assigns		
(b.1.1) Wiley M. Begley Heirs, Devisees, Successors or Assigns		
(b.1.1.1) W. Thomas Begley Heirs, Devisees, Successors or Assigns		
(b.1.1.1.1) Gail S. Begley 2 Trotters Ridge Ln Simpsonville, SC 29681	0.0156 acres 1/36 of 0.56 acres	0.0265%
(b.1.1.2) Gerald W. Begley PO Box 1295 Huntersville, NC 28070	0.0156 acres 1/36 of 0.56 acres	0.0265%
(b.2) Howard Lee Crawford Heirs, Devisees, Successors or Assigns		
(b.2.1) Dorothy Gilbert Crawford Heirs, Devisees, Successors or Assigns		

Exhibit E
Unit AX-146
Docket VGOB #13-1217-4028-04
List of Owners/Claimants requiring Escrow
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
(b.2.1.1) Patrick Crawford 1608 Old Lashmeet Rd Lashmeet, WV 24733	0.0062 acres 1/90 of 0.56 acres	0.0106%
(b.2.1.4) Susan Pacitto 1608 Old Lashmeet Rd. Rock, WV 24747	0.0062 acres 1/90 of 0.56 acres	0.0106%
(c) John R. Meadows Heirs, Devisees, Successors or Assigns	<i>Pre-deceased Dewey Meadows</i>	
(c.2) Wilma Janis Lowe Heirs, Devisees, Successors or Assigns		
(c.2.3) Darrell Lowe 13500 Morris Rd SE Yelm, WA 98597	0.0062 acres 1/90 of 0.56 acres	0.0106%
(c.2.5) Jeri Lyn Rhodes Heirs, Devisees, Successors or Assigns <i>(documentation pending)</i>	0.0062 acres 1/90 of 0.56 acres	0.0106%
(c.2.5.1) Shawna Boone <i>Address Unknown</i>		
(c.2.5.2) Dean Hayden 2536 Cherokee Circle Las Cruces, NM 88011		
(d) James Arch Meadows Heir, Devisees, Successors or Assigns	<i>Pre-deceased Dewey Meadows</i>	
(d.1) Virginia Hoeffcker Heirs, Devisees, Successors or Assigns		
(d.1.1) George Hoeffcker Heirs, Devisees, Successors or Assigns		
(d.1.1.1) Ronald H. Hoeffcker Heir, Devisees, Successors or Assigns		
(d.1.1.1.1) Stephen H Hoeffcker 222 Climbing Vine Ave Smyrna, DE 19977	0.0156 acres 1/36 of 0.56 acres	0.0265%
(d.2) Opal I. Stone Hoffman Heirs, Devisees, Successors or Assigns		
(d.2.1) Cheryl Stone 113 Brookside Drive Lula, GA 30554	0.0104 acres 1/54 of 0.56 acres	0.0176%
(d.2.2) Vicki Butcher 113 Brookside Drive Lula, GA 30554	0.0104 acres 1/54 of 0.56 acres	0.0176%
(d.2.3) Frances L. Stone Henry Heirs, Devisees, Successors or Assigns <i>(documentation pending)</i>	0.0104 acres 1/54 of 0.56 acres	0.0176%
(f) Grace E. Meadows Mullens Heirs, Devisees, Successors or Assigns		
(f.1) James H. Mullens	<i>Life estate extinguished</i>	
(f.1.1) James H. Mullens, Jr. Heirs, Devisees, Successors or Assigns		
(f.1.1.1) James H. Mullens, Jr. Revocable Trust <i>Address Unknown</i>	0.0093 acres 1/60 of 0.56 acres	0.0159%
**Interests for owners below inherited from Margaret M. Barnes & Inez Zoe Meadows Church		
(f.1.2.2) John Mullens 409 Valley Rd Newark, DE 19711	0.0003 acres 1/2160 of 0.56 acres	0.0004%
(f.1.2.3) Pamela M. Goff Heirs, Devisees, Successors or Assigns		

Exhibit E
Unit AX-146
Docket VGOB #13-1217-4028-04
List of Owners/Claimants requiring Escrow
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
(f.1.2.3.1) Goff Family Trust 8943 Rhododendron Circle Lorton, VA 22079	0.0003 acres 1/2160 of 0.56 acres	0.0004%
(f.1.2.4) Amy Weldon 231 Wintergreen Ln Brunswick, MD 21716	0.0003 acres 1/2160 of 0.56 acres	0.0004%
(f.5) Marilyn Frasier Heirs, Devisees, Successors or Assigns		
(f.5.1) Katherine Carley 401 N. Franklin St Denver, CO 80218	0.0065 acres 5/432 of 0.56 acres	0.0110%
(f.5.2) Wesley United Methodist Church 350 S. Barfield Dr Marco Island, FL 34135	0.0065 acres 5/432 of 0.56 acres	0.0110%
(f.6) Alverta Largen Heirs, Devisees, Successors or Assigns	<i>(interest to f.2 to f.5)</i>	
(g) Okie Meadows Shortridge Heirs, Devisees, Successors or Assigns		
(g.1) Dewey Richard Shortridge Heirs, Devisees, Successors, or Assigns		
(g.1.1) Jeffrey D'wain Shortridge 902 East 3rd Street Richlands, VA 24641	0.0146 acres 31/1188 of 0.56 acres	0.0249%
(g.1.2) Pamela Shortridge Sparks 725 V I Ranch Road Bristol, TN 37620	0.0146 acres 31/1188 of 0.56 acres	0.0249%
(g.3) Billy D. Shortridge	<i>pre-deceased Okie Meadows Shortridge</i>	
(g.3.1) William Michael Shortridge 205 Lee Street Richlands, VA 24641	0.0013 acres 2/891 of 0.56 acres	0.0021%
(g.3.2) Mary Donna Altizer 270 Edgewater Dr Cedar Bluff, VA 24609	0.0013 acres 2/891 of 0.56 acres	0.0021%
(g.3.3) Eddie A. Shortridge 29 Possum Ln 3223 Palmyra, VA 22963	0.0013 acres 2/891 of 0.56 acres	0.0021%
(h) Ivory Robinson Heirs, Devisees, Successors or Assigns		
(h.1) Malcolm Thurston Robinson, Sr. Heirs, Devisees, Successors or Assigns		
(h.1.3) Elizabeth R. Robinson 11311 Genito Rd Ameila Courthouse, VA 23002	0.0207 acres 1/27 of 0.56 acres	0.0353%
(i) Edward Allen Meadows Heirs, Devisees, Successors or Assigns		
(i.3) Lois Ann Meadows Augustine Heirs, Devisees, Successors or Assigns <i>(documentation pending)</i>	0.0075 acres 4/297 of 0.56 acres	0.0128%
(i.3.1) Laura Butler 397 N 100 W Monticello, UT 84535		
(i.3.2) Lisa Atkin 135 N Ash Creek Drive Toquerville, UT 84774		

Exhibit E
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(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
(i.3.3) Matt Augustine 246 S 75 W Farmington, UT 84025		
(i.3.4) Jason Augustine 149 E 7085 S Midvale, UT 84047		
(i.3.5) Mark Augustine 126 Regatta Lane Stansbury Park, UT 84074		
(i.3.6) Megan Parks <i>Address Pending</i> Lee, NH		
	Acres Percent	0.1870 0.3181%

Tract #1Z - 0.03 acres

COAL OWNERSHIP

- (1) Southern Region Industrial Realty Corp. *(Coal except P3 Seam)* 0.03 acres 0.0510% *Dismissed under (02) petition*
Tr. 12 (153.17 acre tract)
Pocahontas Land Corporation, Agent
P. O. Box 1517
Bluefield, WV 24701

Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99

Penn Virginia Oil & Gas Corporation

Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds

EnerVest Energy Funds

With an effective date of January 1, 2013, Enervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC

Pardee Royalty LLC and Pardee Minerals LLC

With an effective date of January 1, 2017, Pardee Minerals LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Mineral Holding Company LLC, Instrument 180000559

With an effective date of January 1, 2017, Pardee Minerals Holding Company LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Royalty LLC, Instrument 180000784

Pardee Royalty LLC
PO Box 829794
Philadelphia, PA 19182-9794

**All correspondence, notices, and requests for information to:
Pardee Royalty LLC
Attn: Jeffrey A. Brown
135 Corporate Center Drive Suite 510
Scott Depot, WV 25560-0018*

White Wolf Energy, Inc.

By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name

White Wolf Energy LLC
One City Place Drive, Suite 300
St. Louis, MO 63141
(previously Anker Virginia Mining Company, Inc.)

Exhibit E
Unit AX-146
Docket VGOB #13-1217-4028-04
List of Owners/Claimants requiring Escrow
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
(2) Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i> PO Drawer L Oakwood, VA 24631	0.03 acres	

OIL & GAS OWNERSHIP

***previously shown as "Title Conflict", title completed 11/5/2014 confirms oil and gas ownership in Levi Hickman Heirs. no conflict exists*

(1) Levi Hickman Heirs, Devisees, Successors or Assigns	0.03 acres	0.0510%
(a) Susie P. Taylor Heirs, Devisees, Successors or Assigns <i>(Documentation Pending)</i>	0.0038 acres 1/8 of 0.03 acres	0.0064%
(a.1) Mary Elizabeth Gibson Forrest 3519 Highway 61 E Luttrell, TN 37779		
(b) Ruey J. Crigger Heirs, Devisees, Successors or Assigns		
(b.1) Kelly Crigger Heirs, Devisees, Successors or Assigns		
(b.1.1) Laura "Dickie" Crigger Heirs, Devisees, Successors or Assigns		<i>Deceased without issue - interest passes to siblings and their heirs</i>
(b.1.3) Mary Margaret Johnson Heirs, Devisees, Successors or Assigns		
(b.1.3.1) Raymond H. Johnson Heirs, Devisees, Successors, or Assigns		
(b.1.3.1.1) Juanita H. Johnson Heirs, Devisees, Successors, or Assigns		
(b.1.3.1.1.1) Anthony Greg Johnson 1310 Kents Ridge Road Richlands, VA 24641	0.0000 acres 1/960 of 0.03 acres	0.0001%
(b.1.3.1.1.2) Jennifer Jay Lowe 207 Bailey Road Cedar Bluff, VA 24609	0.0000 acres 1/960 of 0.03 acres	0.0001%
(b.1.3.1.1.3) Jeffrey Ray Johnson PO Box 38 Richlands, VA 24641	0.0000 acres 1/960 of 0.03 acres	0.0001%
(b.1.3.1.1.4) Melonie S. Gilbert 3691 Kents Ridge Road Cedar Bluff, VA 24609	0.0000 acres 1/960 of 0.03 acres	0.0001%
(b.1.3.3) Danny W. Johnson Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0001 acres 1/240 of 0.03 acres	0.0002%
(b.1.5) Hazel Crigger Lane Heirs, Devisees, Successors or Assigns		
(b.1.5.2) Mary Jane Minnich Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0004 acres 1/80 of 0.03 acres	0.0006%
(b.1.6) Dorothy Frazier Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0008 acres 1/40 of 0.03 acres	0.0013%
(c) Martha Stump Heirs, Devisees, Successors or Assigns		

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List of Owners/Claimants requiring Escrow
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
(c.1) John M. Stump	<i>Life estate extinguished</i>	
(c.1.1) Albert C. Stump Heirs, Devisees, Successors or Assigns		
(c.1.1.1) Lillian Fern Stump	<i>Life estate extinguished</i>	
(c.1.1.1.1) Ernest Eugene Stump Heirs, Devisees, Successors or Assigns		
(c.1.1.1.1.1) Eugenia Stump 37983 Governor GC Peery Hwy Bluefield, VA 24605	0.0005 acres 1/64 of 0.03 acres	0.0008%
(c.1.3) Mary Alice Stump Vance Heirs, Devisees, Successors or Assigns		
(c.1.3.1) Martha Louise Vance Pruett Heirs, Devisees, Successors or Assigns		
(c.1.3.1.3) Austin Lane Blankenship c/o Nancy Blankenship 1520 Ravens Nest Branch Cedar Bluff, VA 24609	0.0002 acres 1/192 of 0.03 acres	0.0003%
(c.1.4) Fannie Ellen Lowe Heirs, Devisees, Successors or Assigns		
(c.1.4.3) Janice Carol Moore Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0002 acres 1/192 of 0.03 acres	0.0003%
(c.1.5) James I. Stumpp Heirs, Devisees, Successors or Assigns		
(c.1.5.1) Frances Maye Stumpp	<i>Life estate extinguished</i>	
(c.1.5.1.1) James Kenneth Stump Heirs, Devisees, Successors or Assigns		
(c.1.5.1.1.1) Kathy Jane Stumpp Hess PO Box 800 N. Tazewell, VA 24630	0.0001 acres 1/320 of 0.03 acres	0.0002%
(c.1.5.1.2) John D. Stumpp Heirs, Devisees, Successors or Assigns		
(c.1.5.1.2.1) Shelby Ruth Stumpp Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0001 acres 1/320 of 0.03 acres	0.0002%
(c.1.5.1.3) Vicki Nuckels PO Box 717 Richlands, VA 24641	0.0001 acres 1/320 of 0.03 acres	0.0002%
(c.1.5.1.4) Cecil Ray Stumpp Heirs, Devisees, Successors, or Assigns		
(c.1.5.1.4.1) Ethel C. Stumpp PO Box 717 Richlands, VA 24641	0.0001 acres 1/320 of 0.03 acres	0.0002%
(c.1.6) Zola Stumpp Heirs, Devisees, Successors or Assigns		
(c.1.6.3) Louella Rebecca Shelton Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0001 acres 1/256 of 0.03 acres	0.0002%
(c.1.7) Cecil Stumpp Heirs, Devisees, Successors or Assigns		

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List of Owners/Claimants requiring Escrow
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	Net Acres in Unit	Interest in Unit
(c.1.7.1) Lenita Jane Stumpp Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0005 acres 1/64 of 0.03 acres	0.0008%
(c.1.8) Martha Cordle Heirs, Devisees, Successors or Assigns		
(c.1.8.1) James C. Cordle Heirs, Devisees, Successors or Assigns		
(c.1.8.1.1) Louella Rebecca Shelton Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0002 acres 1/128 of 0.03 acres	0.0004%
(c.1.9) Gladys Stump Lester Heirs	<i>Deceased - no issue - interest to siblings</i>	
(c.1.10) Hubert Stumpp Heirs	<i>Deceased - no issue - interest to siblings</i>	
(d) Mary Elizabeth Hickman Heirs, Devisees, Successors or Assigns <i>(Documentation Pending)</i>	0.0038 acres 1/8 of 0.03 acres	0.0064%
(d.1) Ballard Levi Hickman	<i>Pre-Deceased</i>	
(d.1.1) Kathy Hickman Huff 4940 Willow Bluff Circle Knoxville, TN 37914		
(d.1.2) Jan Hickman Stair 112 Charleston Blvd Isle of Palms, SC 29451		
(f) Anna Belle Merrifield Heirs, Devisees, Successors or Assigns		
(f.1) Bettie Jean Coats Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0038 acres 1/8 of 0.03 acres	0.0064%
(g) Hubert Britton Hickman Heirs, Devisees, Successors or Assigns		
(g.1) Cora Alice Day Hickman	<i>Life estate extinguished</i>	
(g.1.2) Patsy Ruth Hickman Lake Heirs, Devisees, Successors or Assigns		
(g.1.2.1) Homer S. Lake, Jr. Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0003 acres 1/96 of 0.03 acres	0.0005%
(g.1.2.2) Kimberly A. Reinosa 2719 79th Ave Dr. West Bradenton, FL 34205	0.0002 acres 1/144 of 0.03 acres	0.0004%
(g.1.2.4) Michael Stephen Allison Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0002 acres 1/144 of 0.03 acres	0.0004%
(g.1.3) Shirli Nell Hickman Allen Doyle Heirs, Devisees, Successors or Assigns		
(g.1.3.1) James Doyle Heirs, Devisees, Successors or Assigns		
(g.1.3.1.1) Chavalía Joan Breece 3800 Reservoir Rd NW, Apt MG-418 Washington, DC 20007	0.0003 acres 1/96 of 0.03 acres	0.0005%

Exhibit E
Unit AX-146
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List of Owners/Claimants requiring Escrow
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
(h) Cora J. Bullen Heirs, Devisees, Successors or Assigns		
(h.1) Hal E. Bullen Heirs	<i>Life estate extinguished</i>	
(h.1.1) Mary Ann (Nancy) Catron Heirs, Devisees, Successors or Assigns		
(h.1.1.1) Jack Stout Catron Heirs, Devisees, Successors or assigns		
(h.1.1.1.1) Barbara Catron Suarez Heirs, Devisees, Successors or Assigns		
(h.1.1.1.1.1) Carlos Suarez 3308 Woodbine Ln Charlotte, NC 28210	0.0009 acres 1/32 of 0.03 acres	0.0016%
(h.1.1.1.2) Caren Catron Cruickshank Heirs, Devisees, Successors or Assigns		
(h.1.1.1.2.1) Dan Cruickshank 28289 Timber Valley Ct Beaver Island, MI 49782	0.0003 acres 1/96 of 0.03 acres	0.0005%
(h.1.1.1.2.3) Eric Cruickshank 421 Dawn Circle Charlotte, NC 28213	0.0002 acres 1/144 of 0.03 acres	0.0004%
(h.1.1.1.2.4) Kyle Alexander Hensley 809 Cherry Laurel Drive, Apt. 304 Fayetteville, NC 28314	0.0002 acres 1/144 of 0.03 acres	0.0004%
(h.1.2) Martha Jane Bullen Watts Heirs, Devisees, Successors or Assigns		
(h.1.2.1) James Neal Watts Heirs, Devisees Successors, or Assigns <i>(Documentation Pending)</i>	0.0019 acres 1/16 of 0.03 acres	0.0032%
	Acres Percent	0.0192 0.0326%

Tract #4 - 0.30 acres

COAL OWNERSHIP

(1) H.L. Spratt Heirs, Devisees, Successors or Assigns <i>(0.53 acre tract)</i>	0.30 acres	0.5102%
(a) Fay D. Spratt	<i>Life Estate extinguished</i>	
(a.1) Dillard Spratt Heirs, Devisees, Successors or Assigns		
(a.1.1) Opal Spratt Heirs, Devisees, Successors, or Assigns		
(a.1.1.2) Rebecca Smith 6178 Quay Road Aq Tucumcari, NM 88401	0.05 acres 1/6 of 0.30 acres	0.0850%
(a.1.1.3) Selma L Brown 8809 Devries Ct Lorton, VA 22079	0.05 acres 1/6 of 0.30 acres	0.0850%
(a.2) Alice Dillard Spratt Vierling Heirs, Devisees, Successors or Assigns <i>(Documentation pending)</i>	0.15 acres 1/2 of 0.30 acres	0.2551%

Exhibit E
Unit AX-146
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List of Owners/Claimants requiring Escrow
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
(a.2.1) Sherran V. Bailey 911 Charles Ave Morgantown, WV 26505		
(a.2.2) Lee Dillard Vierling 2018 Twin Sisters Road Fairfield, CA 94534		

OIL & GAS OWNERSHIP

Outstanding W-9 & Unresolved Heirship

(1) H.L. Spratt Heirs, Devisees, Successors or Assigns <i>(0.53 acre tract)</i>	0.30 acres	0.5102%
(a) Fay D. Spratt	<i>Life Estate extinguished</i>	
(a.1) Dillard Spratt Heirs, Devisees, Successors or Assigns		
(a.1.1) Opal Spratt Heirs, Devisees, Successors, or Assigns		
(a.1.1.2) Rebecca Smith 6178 Quay Road Aq Tucumcari, NM 88401	0.05 acres 1/6 of 0.30 acres	0.0850%
(a.1.1.3) Selma L Brown 8809 Devries Ct Lorton, VA 22079	0.05 acres 1/6 of 0.30 acres	0.0850%
(a.2) Alice Dillard Spratt Vierling Heirs, Devisees, Successors or Assigns <i>(Documentation pending)</i>	0.15 acres 1/2 of 0.30 acres	0.2551%
(a.2.1) Sherran V. Bailey 911 Charles Ave Morgantown, WV 26505		
(a.2.2) Lee Dillard Vierling 2018 Twin Sisters Road Fairfield, CA 94534		

Acres 0.2500
Percent 0.4252%

TOTAL IN CONFLICT:

Acreage in Unit 4.9185
Percentage of Unit 8.3649%

Exhibit EE
Unit AX-146
Docket # VGOB 13-1217-4028-04
Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
Tract #1A - 20.99 acres			
COAL OWNERSHIP			
(1) Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i> <i>Tr. 12 (153.17 acre tract)</i> Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701	20.99 acres	35.6973%	<i>n/a</i>
<i>Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99</i>			
Penn Virginia Oil & Gas Corporation			
<i>Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds</i>			
EnerVest Energy Funds			
<i>With an effective date of January 1, 2013, Enervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC</i>			
Pardee Royalty LLC and Pardee Minerals LLC			
<i>With an effective date of January 1, 2017, Pardee Minerals LLC conveyed by Deed and Assignment all its right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Mineral Holding Company LLC, Instrument 180000559</i>			
<i>With an effective date of January 1, 2017, Pardee Minerals Holding Company LLC conveyed by Deed and Assignment all its right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Royalty LLC, Instrument 180000784</i>			
<i>*All correspondence, notices, and requests for information to:</i>			
Pardee Royalty LLC PO Box 829794 Philadelphia, PA 19182-9794		Pardee Royalty LLC Attn: Jeffrey A. Brown 135 Corporate Center Drive Suite 510 Scott Depot, WV 25560-0018	
White Wolf Energy, Inc.			
<i>By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name</i>			
White Wolf Energy LLC One City Place Drive, Suite 300 St. Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i>			
(2) Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i> PO Drawer L Oakwood, VA 24631			
OIL & GAS OWNERSHIP			
(1) Ivory Irene Brown PO Box 622 Richlands, VA 24641	20.99 acres	35.6973%	<i>n/a</i>

Tract #1E - 3.65 acres

COAL OWNERSHIP

(1) Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i> <i>Tr. 12 (153.17 acre tract)</i> Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701	3.65 acres	6.2075%	<i>n/a</i>
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Exhibit EE
Unit AX-146
Docket # VGOB 13-1217-4028-04
Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
Penn Virginia Oil & Gas Corporation			
<i>Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds</i>			
EnerVest Energy Funds			
<i>With an effective date of January 1, 2013, Enervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC</i>			
Pardee Royalty LLC and Pardee Minerals LLC			
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<i>With an effective date of January 1, 2017, Pardee Minerals Holding Company LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Royalty LLC, Instrument 180000784</i>			
<i>*All correspondence, notices, and requests for information to:</i>			
Pardee Royalty LLC PO Box 829794 Philadelphia, PA 19182-9794		Pardee Royalty LLC Attn: Jeffrey A. Brown 135 Corporate Center Drive Suite 510 Scott Depot, WV 25560-0018	
White Wolf Energy, Inc.			
<i>By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name</i>			
White Wolf Energy LLC One City Place Drive, Suite 300 St. Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i>			
(2) Coronado IV LLC <i>(Coal in P3 Seam only) **</i>	3.65 acres		
57 Danbury Road Wilton, CT 06897			

OIL & GAS OWNERSHIP

(1) Ira Strouth, et al <i>(previously Ruth Strouth Heirs)</i>	3.65 acres	6.2075%	
(a) Edwina S. Crawford 761 Jewell Ridge Road Richlands, VA 24641	1.83 acres 1/2 of 3.65 acres	3.1037%	14.6310% HB2058
(b) Ira L. Strouth 227 Pinetree Drive North Tazewell, VA 24630	1.83 acres 1/2 of 3.65 acres	3.1037%	n/a
	Acres 1.83 Percent 3.1037%		

Tract #1F - 0.84 acres

COAL OWNERSHIP

(1) Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i> <i>Tr. 12 (153.17 acre tract)</i> Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701	0.84 acres	1.4286%	n/a
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Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99

Penn Virginia Oil & Gas Corporation

Exhibit EE
Unit AX-146

Docket # VGOB 13-1217-4028-04

Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES

List of Owners with Royalty Splits/Court Orders/HB2058

(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
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Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds

EnerVest Energy Funds

With an effective date of January 1, 2013, Enervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC

Pardee Royalty LLC and Pardee Minerals LLC

With an effective date of January 1, 2017, Pardee Minerals LLC conveyed by Deed and Assignment all its right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Mineral Holding Company LLC, Instrument 180000559

With an effective date of January 1, 2017, Pardee Minerals Holding Company LLC conveyed by Deed and Assignment all its right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Royalty LLC, Instrument 180000784

Pardee Royalty LLC
PO Box 829794
Philadelphia, PA 19182-9794

**All correspondence, notices, and requests for information to:
Pardee Royalty LLC
Attn: Jeffrey A. Brown
135 Corporate Center Drive Suite 510
Scott Depot, WV 25560-0018*

White Wolf Energy, Inc.

By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name

White Wolf Energy LLC
One City Place Drive, Suite 300
St. Louis, MO 63141
(previously Anker Virginia Mining Company, Inc.)

- (2) Buchanan Mining Co LLC *(Coal in P3 Seam only)*
PO Drawer L
Oakwood, VA 24631

OIL & GAS OWNERSHIP

- | | | | | |
|-----|--|------------|---------|---------------------------------|
| (1) | Edwinna & Michael Crawford
761 Jewell Ridge Road
Richlands, VA 24641 | 0.84 acres | 1.4286% | 6.7342%
HB2058 |
|-----|--|------------|---------|---------------------------------|

Acres	0.84
Percent	1.4286%

Tract #1G - 0.36 acres

COAL OWNERSHIP

- | | | | | |
|-----|--|------------|---------|------------|
| (1) | Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i>
<i>Tr. 12 (153.17 acre tract)</i>
Pocahontas Land Corporation, Agent
P. O. Box 1517
Bluefield, WV 24701 | 0.36 acres | 0.6122% | n/a |
|-----|--|------------|---------|------------|

Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99

Penn Virginia Oil & Gas Corporation

Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds

EnerVest Energy Funds

With an effective date of January 1, 2013, Enervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC

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Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
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(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
Pardee Royalty LLC and Pardee Minerals LLC			
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Pardee Royalty LLC PO Box 829794 Philadelphia, PA 19182-9794			
White Wolf Energy, Inc.			
<i>By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name</i>			
White Wolf Energy LLC One City Place Drive, Suite 300 St. Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i>			
(2)	Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i>		
	PO Drawer L Oakwood, VA 24631		

OIL & GAS OWNERSHIP

(1)	Norma Jean Wells Smith 620 Jewell Ridge Road Richlands, VA 24641	0.36 acres	0.6122%	n/a
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Tract #1H - 0.39 acres

COAL OWNERSHIP

(1)	Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i> Tr. 12 (153.17 acre tract) Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701	0.39 acres	0.6633%	n/a
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Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99

Penn Virginia Oil & Gas Corporation

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Pardee Royalty LLC and Pardee Minerals LLC

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(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
Pardee Royalty LLC PO Box 829794 Philadelphia, PA 19182-9794			
<i>*All correspondence, notices, and requests for information to: Pardee Royalty LLC Attn: Jeffrey A. Brown 135 Corporate Center Drive Suite 510 Scott Depot, WV 25560-0018</i>			
White Wolf Energy, Inc.			
<i>By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name</i>			
White Wolf Energy LLC One City Place Drive, Suite 300 St. Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i>			
(2) Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i>	0.39 acres		
PO Drawer L Oakwood, VA 24631			

OIL & GAS OWNERSHIP

***previously shown as "possible mapping issue", title and mapping work were completed after pooling and no mapping issues exist*

(1) Commonwealth of Virginia	0.39 acres	0.6633%	<i>n/a</i>
Department of Transportation 2111 Bonham Road Bristol, VA 24201-2019			
	Acres Percent	0.39 0.6633%	

Tract #11 - 0.12 acres

COAL OWNERSHIP

(1) Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i>	0.12 acres	0.2041%	<i>n/a</i>
<i>Tr. 12 (153.17 acre tract)</i> Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701			

Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99

Penn Virginia Oil & Gas Corporation

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EnerVest Energy Funds

With an effective date of January 1, 2013, Enervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC

Pardee Royalty LLC and Pardee Minerals LLC

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Pardee Royalty LLC
 PO Box 829794
 Philadelphia, PA 19182-9794

**All correspondence, notices, and requests for information to:
 Pardee Royalty LLC
 Attn: Jeffrey A. Brown
 135 Corporate Center Drive Suite 510
 Scott Depot, WV 25560-0018*

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Unit AX-146
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Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
White Wolf Energy, Inc.			
<i>By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name</i>			
White Wolf Energy LLC One City Place Drive, Suite 300 St. Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i>			
(2)	Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i> PO Drawer L Oakwood, VA 24631		
<u>OIL & GAS OWNERSHIP</u>			
(1)	Levi Hickman Heirs, Devises, Successors or Assigns	0.12 acres	0.2041% <i>n/a</i>
(b)	Ruey J. Crigger Heirs, Devises, Successors or Assigns		
(b.1)	Kelly Crigger Heirs, Devises, Successors or Assigns		
(b.1.1)	Laura "Dickie" Crigger Heirs, Devises, Successors or Assigns		
(b.1.2)	Gertrude C. Shell Heirs, Devises, Successors or Assigns		
(b.1.2.1)	Marjorie Shell Allen 2044 Wilson Mill Road Lindside, WV 24951	0.0015 acres 1/80 of 0.12 acres	0.0026% <i>n/a</i>
(b.1.2.2)	Patricia Louise Shell Dishner 320 Tower Hill Lane Forest Hill, WV 24935	0.0015 acres 1/80 of 0.12 acres	0.0026% <i>n/a</i>
(b.1.3)	Mary Margaret Johnson Heirs, Devises, Successors or Assigns		
(b.1.3.1)	Raymond H. Johnson Heirs, Devises, Successors, or Assigns		
(b.1.3.1.1)	Juanita H. Johnson Heirs, Devises, Successors, or Assigns		
(b.1.3.1.1.1)	Anthony Greg Johnson 1310 Kents Ridge Road Richlands, VA 24641	0.0001 acres 1/960 of 0.12 acres	0.0002% <i>n/a</i>
(b.1.3.1.1.2)	Jennifer Jay Lowe 207 Bailey Road Cedar Bluff, VA 24609	0.0001 acres 1/960 of 0.12 acres	0.0002% <i>n/a</i>
(b.1.3.1.1.3)	Jeffrey Ray Johnson PO Box 38 Richlands, VA 24641	0.0001 acres 1/960 of 0.12 acres	0.0002% <i>n/a</i>
(b.1.3.1.1.4)	Melonie S. Gilbert 3691 Kents Ridge Road Cedar Bluff, VA 24609	0.0001 acres 1/960 of 0.12 acres	0.0002% <i>n/a</i>
(b.1.3.2)	Ralph Kenneth Johnson 170 Par Place Abingdon, VA 24211	0.0005 acres 1/240 of 0.12 acres	0.0009% <i>n/a</i>
(b.1.3.3)	Danny W. Johnson Heirs, Devises, Successors, or Assigns <i>(Documentation Pending)</i>	0.0005 acres 1/240 of 0.12 acres	0.0009% <i>n/a</i>

Exhibit EE
Unit AX-146

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Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES

List of Owners with Royalty Splits/Court Orders/HB2058

(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
(b.1.3.4) Linda Whitt 9632 Sliding Hill Rd Ashland, VA 23005	0.0005 acres 1/240 of 0.12 acres	0.0009%	n/a
(b.1.3.5) Sara K. Sluss 201 Lakeview Ln Johnson City, TN 37615	0.0005 acres 1/240 of 0.12 acres	0.0009%	n/a
(b.1.3.6) Wanda Wade 2350 Mayfair Dr Cumming, GA 30040	0.0005 acres 1/240 of 0.12 acres	0.0009%	n/a
(b.1.4) Annie Crigger Cooper Heirs, Devisees, Successors or Assigns			
(b.1.4.1) John Lewis Cooper Heirs, Devisees, Successors or Assigns			
(b.1.4.1.1) Lewis Eugene Cooper 301 8th St Vinton, VA 24179	0.0010 acres 1/120 of 0.12 acres	0.0017%	n/a
(b.1.4.1.2) Kelly Richard Cooper 318 Langland Dr Vinton, VA 24179	0.0010 acres 1/120 of 0.12 acres	0.0017%	n/a
(b.1.4.1.3) Elisabeth Ann Falls 1043 Maywood Dr Vinton, VA 24179	0.0010 acres 1/120 of 0.12 acres	0.0017%	n/a
(b.1.5) Hazel Crigger Lane Heirs, Devisees, Successors or Assigns			
(b.1.5.1) Betty Lee Lane 249 Gray Station Rd, Apt 27 Johnson City, TN 37615	0.0015 acres 1/80 of 0.12 acres	0.0026%	n/a
(c) Martha Stump Heirs, Devisees, Successors or Assigns			
(c.1) John M. Stump	<i>Life estate extinguished</i>		
(c.1.2) Laura Vandyke Heirs, Devisees, Successors or Assigns			
(c.1.2.1) George Lafayette Vandyke Heirs, Devisees, Successors or Assigns			
(c.1.2.1.1) Sue Christine Vandyke Myer 5601 Myrtle Dr Ft Pierce, FL 24982	0.0019 acres 1/64 of 0.12 acres	0.0032%	n/a
(c.1.3) Mary Alice Stump Vance Heirs, Devisees, Successors or Assigns			
(c.1.3.1) Martha Louise Vance Pruett Heirs, Devisees, Successors or Assigns			
(c.1.3.1.1) Mary Jess Hale 20086 Saturn Dr Abingdon, VA 24211	0.0006 acres 1/192 of 0.12 acres	0.0011%	n/a
(c.1.3.1.2) Mary Kinder 130 Gateway Dr Richlands, VA 24641	0.0006 acres 1/192 of 0.12 acres	0.0011%	n/a
(c.1.4) Fannie Ellen Lowe Heirs, Devisees, Successors or Assigns			

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(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
(c.1.4.1) Donald Bruce Lowe 19258 Pleasant View Dr Abingdon, VA 24211	0.0006 acres 1/192 of 0.12 acres	0.0011%	n/a
(c.1.4.2) Gerald Wayne Lowe 9346 Southern Belle Drive Weeki Wakka, FL 34613	0.0006 acres 1/192 of 0.12 acres	0.0011%	n/a
(c.1.4.3) Janice Carol Moore Heirs, Devises, Successors, or Assigns <i>(Documentation Pending)</i>	0.0006 acres 1/192 of 0.12 acres	0.0011%	n/a
(c.1.5) James I. Stumpp Heirs, Devises, Successors or Assigns			
(c.1.5.1.2) John D. Stumpp Heirs, Devises, Successors or Assigns			
(c.1.5.1.2.1) Shelby Ruth Stumpp Heirs, Devises, Successors, or Assigns <i>(Documentation Pending)</i>	0.0004 acres 1/320 of 0.12 acres	0.0006%	n/a
(c.1.5.1.5) Mike Stumpp PO Box 717 Richlands, VA 24641	0.0004 acres 1/320 of 0.12 acres	0.0006%	n/a
(c.1.6) Zola Stumpp Heirs, Devises, Successors or Assigns			
(c.1.6.1) Donald Bruce Lowe 19258 Pleasant View Dr Abingdon, VA 24211	0.0005 acres 1/256 of 0.12 acres	0.0008%	n/a
(c.1.6.2) Gerald Wayne Lowe 9346 Southern Belle Drive Weeki Wakka, FL 34613	0.0005 acres 1/256 of 0.12 acres	0.0008%	n/a
(c.1.6.4) Harold Crockett Cordle 20 Meadowlark Ln Spartanburg, SC 29306	0.0005 acres 1/256 of 0.12 acres	0.0008%	n/a
(c.1.7) Cecil Stumpp Heirs, Devises, Successors or Assigns			
(c.1.7.1) Lenita Jane Stumpp Heirs, Devises, Successors, or Assigns <i>(Documentation Pending)</i>	0.0019 acres 1/64 of 0.12 acres	0.0032%	n/a
(c.1.8) Martha Cordle Heirs, Devises, Successors or Assigns			
(c.1.8.1) James C. Cordle Heirs, Devises, Successors or Assigns			
(c.1.8.1.2) Harold Crockett Cordle 20 Meadowlark Ln Spartanburg, SC 29306	0.0009 acres 1/128 of 0.12 acres	0.0016%	n/a
(e) Fannie K. Woody Heirs, Devises, Successors or Assigns			
(e.1) Hampton Woody	<i>Life estate extinguished</i>		
(e.1.1) Hope Ring Heirs, Devises, Successors or Assigns			
(e.1.1.1) David Ring Trustee - FBO Mia Ring	<i>Trust terminated upon 25th birthday</i>		
(e.1.1.1.1) Mia Amanda Gardner 1817 Tremont Ave Bristol, TN 37660	0.0150 acres 1/8 of 0.12 acres	0.0255%	n/a

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(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
(g) Hubert Britton Hickman Heirs, Devisees, Successors or Assigns			
(g.1) Cora Alice Day Hickman	<i>Life estate extinguished</i>		
(g.1.1) James Hubert Hickman Heirs, Devisees, Successors or Assigns			
(g.1.1.1) Jeanne B. Hickman Heirs, Devisees, Successors or Assigns			
(g.1.1.1.1) Jamie Bailey 12 Strawflower Pl Johnson City, TN 37604	0.0038 acres 1/32 of 0.12 acres	0.0064%	n/a
(g.1.2) Patsy Ruth Hickman Lake Heirs, Devisees, Successors or Assigns			
(g.1.2.1) Homer S. Lake, Jr. Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0013 acres 1/96 of 0.12 acres	0.0021%	n/a
(g.1.2.3) Mark Lake 6420 Trailhead Circle Knoxville, TN 37920	0.0008 acres 1/144 of 0.12 acres	0.0014%	n/a
(g.1.3) Shirli Nell Hickman Allen Doyle Heirs, Devisees, Successors or Assigns			
(g.1.3.1) James Doyle Heirs, Devisees, Successors or Assigns			
(g.1.3.1.2) Tresa Mawk 441 Spruce St Mt Carmel, TN 37645	0.0013 acres 1/96 of 0.12 acres	0.0021%	n/a
(g.1.3.1.3) James Britton Allen 1318 E. Sevier Ave Kingsport, TN 37664	0.0013 acres 1/96 of 0.12 acres	0.0021%	n/a
(g.1.4) Marie Allen 2044 Emoriland Blvd Knoxville, TN 37917	0.0038 acres 1/32 of 0.12 acres	0.0064%	n/a
(h) Cora J. Bullen Heirs, Devisees, Successors or Assigns			
(h.1) Hal E. Bullen Heirs	<i>Life estate extinguished</i>		
(h.1.1) Mary Ann (Nancy) Catron Heirs, Devisees, Successors or Assigns			
(h.1.1.1) Jack Stout Catron Heirs, Devisees, Successors or assigns			
(h.1.1.1.1) Barbara Catron Suarez Heirs, Devisees, Successors or Assigns			
(h.1.1.1.2) Caren Catron Cruickshank Heirs, Devisees, Successors or Assigns			
(h.1.1.1.2.2) Kit Talbot 6705 Birhton St Dublin, OH 43017	0.0008 acres 1/144 of 0.12 acres	0.0014%	n/a
(h.1.2) Martha Jane Bullen Watts Heirs, Devisees, Successors or Assigns			

Exhibit EE
Unit AX-146
Docket # VGOB 13-1217-4028-04
Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
(h.1.2.1) James Neal Watts Heirs, Deviseses Successors, or Assigns <i>(Documentation Pending)</i>	0.0075 acres 1/16 of 0.12 acres	0.0128%	<i>n/a</i>
	Acres 0.0559 Percent 0.0950%		

Tract #1J - 0.61 acres

COAL OWNERSHIP

- (1) Southern Region Industrial Realty Corp. *(Coal except P3 Seam)* 0.61 acres 1.0374% *n/a*
Tr. 12 (153.17 acre tract)
Pocahontas Land Corporation, Agent
P. O. Box 1517
Bluefield, WV 24701

Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99

Penn Virginia Oil & Gas Corporation

Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds

EnerVest Energy Funds

With an effective date of January 1, 2013, Enervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC

Pardee Royalty LLC and Pardee Minerals LLC

With an effective date of January 1, 2017, Pardee Minerals LLC conveyed by Deed and Assignment all its right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Mineral Holding Company LLC, Instrument 180000559

With an effective date of January 1, 2017, Pardee Minerals Holding Company LLC conveyed by Deed and Assignment all its right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Royalty LLC, Instrument 180000784

Pardee Royalty LLC
PO Box 829794
Philadelphia, PA 19182-9794

**All correspondence, notices, and requests for information to:
Pardee Royalty LLC
Attn: Jeffrey A. Brown
135 Corporate Center Drive Suite 510
Scott Depot, WV 25560-0018*

White Wolf Energy, Inc.

By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name

White Wolf Energy LLC
One City Place Drive, Suite 300
St. Louis, MO 63141
(previously Anker Virginia Mining Company, Inc.)

- (2) Buchanan Mining Co LLC *(Coal in P3 Seam only)*
PO Drawer L
Oakwood, VA 24631

OIL & GAS OWNERSHIP

- (1) Glen Harold & Alice Frances Roberts 0.61 acres 1.0374% *n/a*
212 Bay Road
Richlands, VA 24641

Exhibit EE
Unit AX-146
Docket # VGOB 13-1217-4028-04
Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
Tract #1K - 0.24 acres			
<u>COAL OWNERSHIP</u>			
(1) Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i> <i>Tr. 12 (153.17 acre tract)</i> Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701	0.24 acres	0.4082%	<i>n/a</i>
<i>Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99</i>			
Penn Virginia Oil & Gas Corporation			
<i>Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds</i>			
EnerVest Energy Funds			
<i>With an effective date of January 1, 2013, Enervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC</i>			
Pardee Royalty LLC and Pardee Minerals LLC			
<i>With an effective date of January 1, 2017, Pardee Minerals LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Mineral Holding Company LLC, Instrument 180000559</i>			
<i>With an effective date of January 1, 2017, Pardee Minerals Holding Company LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Royalty LLC, Instrument 180000784</i>			
<i>*All correspondence, notices, and requests for information to:</i>			
<i>Pardee Royalty LLC</i>			
<i>Attn: Jeffrey A. Brown</i>			
<i>135 Corporate Center Drive Suite 510</i>			
<i>Scott Depot, WV 25560-0018</i>			
Pardee Royalty LLC PO Box 829794 Philadelphia, PA 19182-9794			
White Wolf Energy, Inc.			
<i>By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name</i>			
White Wolf Energy LLC One City Place Drive, Suite 300 St. Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i>			
(2) Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i> PO Drawer L Oakwood, VA 24631			

OIL & GAS OWNERSHIP

(1) Levi Hickman Heirs, Devisees, Successors or Assigns	0.24 acres	0.4082%	<i>n/a</i>
(b) Ruey J. Crigger Heirs, Devisees, Successors or Assigns			
(b.1) Kelly Crigger Heirs, Devisees, Successors or Assigns			
(b.1.1) Laura "Dickie" Crigger Heirs, Devisees, Successors or Assigns			
(b.1.2) Gertrude C. Shell Heirs, Devisees, Successors or Assigns			

Exhibit EE
Unit AX-146

Docket # VGOB 13-1217-4028-04

Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
(b.1.2.1) Marjorie Shell Allen 2044 Wilson Mill Road Lindside, WV 24951	0.0030 acres 1/80 of 0.24 acres	0.0051%	n/a
(b.1.2.2) Patricia Louise Shell Dishner 320 Tower Hill Lane Forest Hill, WV 24935	0.0030 acres 1/80 of 0.24 acres	0.0051%	n/a
(b.1.3) Mary Margaret Johnson Heirs, Devisees, Successors or Assigns			
(b.1.3.1) Raymond H. Johnson Heirs, Devisees, Successors, or Assigns			
(b.1.3.1.1) Juanita H. Johnson Heirs, Devisees, Successors, or Assigns			
(b.1.3.1.1.1) Anthony Greg Johnson 1310 Kents Ridge Road Richlands, VA 24641	0.0003 acres 1/960 of 0.24 acres	0.0004%	n/a
(b.1.3.1.1.2) Jennifer Jay Lowe 207 Bailey Road Cedar Bluff, VA 24609	0.0003 acres 1/960 of 0.24 acres	0.0004%	n/a
(b.1.3.1.1.3) Jeffrey Ray Johnson PO Box 38 Richlands, VA 24641	0.0003 acres 1/960 of 0.24 acres	0.0004%	n/a
(b.1.3.1.1.4) Melonie S. Gilbert 3691 Kents Ridge Road Cedar Bluff, VA 24609	0.0003 acres 1/960 of 0.24 acres	0.0004%	n/a
(b.1.3.2) Ralph Kenneth Johnson 170 Par Place Abingdon, VA 24211	0.0010 acres 1/240 of 0.24 acres	0.0017%	n/a
(b.1.3.3) Danny W. Johnson Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0010 acres 1/240 of 0.24 acres	0.0017%	n/a
(b.1.3.4) Linda Whitt 9632 Sliding Hill Rd Ashland, VA 23005	0.0010 acres 1/240 of 0.24 acres	0.0017%	n/a
(b.1.3.5) Sara K. Sluss 201 Lakeview Ln Johnson City, TN 37615	0.0010 acres 1/240 of 0.24 acres	0.0017%	n/a
(b.1.3.6) Wanda Wade 2350 Mayfair Dr Cumming, GA 30040	0.0010 acres 1/240 of 0.24 acres	0.0017%	n/a
(b.1.4) Annie Crigger Cooper Heirs, Devisees, Successors or Assigns			
(b.1.4.1) John Lewis Cooper Heirs, Devisees, Successors or Assigns			
(b.1.4.1.1) Lewis Eugene Cooper 301 8th St Vinton, VA 24179	0.0020 acres 1/120 of 0.24 acres	0.0034%	n/a
(b.1.4.1.2) Kelly Richard Cooper 318 Langland Dr Vinton, VA 24179	0.0020 acres 1/120 of 0.24 acres	0.0034%	n/a
(b.1.4.1.3) Elisabeth Ann Falls 1043 Maywood Dr Vinton, VA 24179	0.0020 acres 1/120 of 0.24 acres	0.0034%	n/a

Exhibit EE
Unit AX-146
Docket # VGOB 13-1217-4028-04

Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
(b.1.5) Hazel Crigger Lane Heirs, Devisees, Successors or Assigns			
(b.1.5.1) Betty Lee Lane 249 Gray Station Rd, Apt 27 Johnson City, TN 37615	0.0030 acres 1/80 of 0.24 acres	0.0051%	n/a
(c) Martha Stump Heirs, Devisees, Successors or Assigns			
(c.1) John M. Stump	<i>Life estate extinguished</i>		
(c.1.2) Laura Vandyke Heirs, Devisees, Successors or Assigns			
(c.1.2.1) George Lafayette Vandyke Heirs, Devisees, Successors or Assigns			
(c.1.2.1.1) Sue Christine Vandyke Myer 5601 Myrtle Dr Ft Pierce, FL 24982	0.0038 acres 1/64 of 0.24 acres	0.0064%	n/a
(c.1.3) Mary Alice Stump Vance Heirs, Devisees, Successors or Assigns			
(c.1.3.1) Martha Louise Vance Pruett Heirs, Devisees, Successors or Assigns			
(c.1.3.1.1) Mary Jess Hale 20086 Saturn Dr Abingdon, VA 24211	0.0013 acres 1/192 of 0.24 acres	0.0021%	n/a
(c.1.3.1.2) Mary Kinder 130 Gateway Dr Richlands, VA 24641	0.0013 acres 1/192 of 0.24 acres	0.0021%	n/a
(c.1.4) Fannie Ellen Lowe Heirs, Devisees, Successors or Assigns			
(c.1.4.1) Donald Bruce Lowe 19258 Pleasant View Dr Abingdon, VA 24211	0.0013 acres 1/192 of 0.24 acres	0.0021%	n/a
(c.1.4.2) Gerald Wayne Lowe 9346 Southern Belle Drive Weeki Wakka, FL 34613	0.0013 acres 1/192 of 0.24 acres	0.0021%	n/a
(c.1.4.3) Janice Carol Moore Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0013 acres 1/192 of 0.24 acres	0.0021%	n/a
(c.1.5) James I. Stumpp Heirs, Devisees, Successors or Assigns			
(c.1.5.1.2) John D. Stumpp Heirs, Devisees, Successors or Assigns			
(c.1.5.1.2.1) Shelby Ruth Stumpp Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0008 acres 1/320 of 0.24 acres	0.0013%	n/a
(c.1.5.1.5) Mike Stumpp PO Box 717 Richlands, VA 24641	0.0008 acres 1/320 of 0.24 acres	0.0013%	n/a
(c.1.6) Zola Stumpp Heirs, Devisees, Successors or Assigns			
(c.1.6.1) Donald Bruce Lowe 19258 Pleasant View Dr Abingdon, VA 24211	0.0009 acres 1/256 of 0.24 acres	0.0016%	n/a

Exhibit EE
Unit AX-146
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List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
(c.1.6.2) Gerald Wayne Lowe 9346 Southern Belle Drive Weeki Wakka, FL 34613	0.0009 acres 1/256 of 0.24 acres	0.0016%	<i>n/a</i>
(c.1.6.4) Harold Crockett Cordle 20 Meadowlark Ln Spartanburg, SC 29306	0.0009 acres 1/256 of 0.24 acres	0.0016%	<i>n/a</i>
(c.1.7) Cecil Stumpp Heirs, Devisees, Successors or Assigns			
(c.1.7.1) Lenita Jane Stumpp Heirs, Devisees, Successors, or Assigns <i>(Documentaiton Pending)</i>	0.0038 acres 1/64 of 0.24 acres	0.0064%	<i>n/a</i>
(c.1.8) Martha Cordle Heirs, Devisees, Successors or Assigns			
(c.1.8.1) James C. Cordle Heirs, Devisees, Successors or Assigns			
(c.1.8.1.2) Harold Crockett Cordle 20 Meadowlark Ln Spartanburg, SC 29306	0.0019 acres 1/128 of 0.24 acres	0.0032%	<i>n/a</i>
(e) Fannie K. Woody Heirs, Devisees, Successors or Assigns			
(e.1) Hampton Woody	<i>Life estate extinguished</i>		
(e.1.1) Hope Ring Heirs, Devisees, Successors or Assigns			
(e.1.1.1) David Ring Trustee - FBO Mia Ring	<i>Trust terminated upon 25th birthday</i>		
(e.1.1.1.1) Mia Amanda Gardner 1817 Tremont Ave Bristol, TN 37660	0.0300 acres 1/8 of 0.24 acres	0.0510%	<i>n/a</i>
(g) Hubert Britton Hickman Heirs, Devisees, Successors or Assigns			
(g.1) Cora Alice Day Hickman	<i>Life estate extinguished</i>		
(g.1.1) James Hubert Hickman Heirs, Devisees, Successors or Assigns			
(g.1.1.1) Jeanne B. Hickman Heirs, Devisees, Successors or Assigns			
(g.1.1.1.1) Jamie Bailey 12 Strawflower Pl Johnson City, TN 37604	0.0075 acres 1/32 of 0.24 acres	0.0128%	<i>n/a</i>
(g.1.2) Patsy Ruth Hickman Lake Heirs, Devisees, Successors or Assigns			
(g.1.2.1) Homer S. Lake, Jr. Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0025 acres 1/96 of 0.24 acres	0.0043%	<i>n/a</i>
(g.1.2.3) Mark Lake 6420 Trailhead Circle Knoxville, TN 37920	0.0017 acres 1/144 of 0.24 acres	0.0028%	<i>n/a</i>
(g.1.3) Shirdi Nell Hickman Allen Doyle Heirs, Devisees, Successors or Assigns			
(g.1.3.1) James Doyle Heirs, Devisees, Successors or Assigns			

Exhibit EE
Unit AX-146
Docket # VGOB 13-1217-4028-04

Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
(g.1.3.1.2) Tresa Mawk 441 Spruce St Mt Carmel, TN 37645	0.0025 acres 1/96 of 0.24 acres	0.0043%	n/a
(g.1.3.1.3) James Britton Allen 1318 E. Sevier Ave Kingsport, TN 37664	0.0025 acres 1/96 of 0.24 acres	0.0043%	n/a
(g.1.4) Marie Allen 2044 Emoriland Blvd Knoxville, TN 37917	0.0075 acres 1/32 of 0.24 acres	0.0128%	n/a
(h) Cora J. Bullen Heirs, Devisees, Successors or Assigns			
(h.1) Hal E. Bullen Heirs	<i>Life estate extinguished</i>		
(h.1.1) Mary Ann (Nancy) Catron Heirs, Devisees, Successors or Assigns			
(h.1.1.1) Jack Stout Catron Heirs, Devisees, Successors or assigns			
(h.1.1.1.1) Barbara Catron Suarez Heirs, Devisees, Successors or Assigns			
(h.1.1.1.2) Caren Catron Cruickshank Heirs, Devisees, Successors or Assigns			
(h.1.1.1.2.2) Kit Talbot 6705 Birchton St Dublin, OH 43017	0.0017 acres 1/144 of 0.24 acres	0.0028%	n/a
(h.1.2) Martha Jane Bullen Watts Heirs, Devisees, Successors or Assigns			
(h.1.2.1) James Neal Watts Heirs, Devisees Successors, or Assigns <i>(Documentation Pending)</i>	0.0150 acres 1/16 of 0.24 acres	0.0255%	n/a
	Acres 0.1118 Percent 0.1901%		

Tract #1L - 9.78 acres

COAL OWNERSHIP

- (1) Southern Region Industrial Realty Corp. *(Coal except P3 Seam)* 9.78 acres 16.6327% n/a
Tr. 12 (153.17 acre tract)
Pocahontas Land Corporation, Agent
P. O. Box 1517
Bluefield, WV 24701

Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99

Penn Virginia Oil & Gas Corporation

Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds

EnerVest Energy Funds

With an effective date of January 1, 2013, Enervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC

Pardee Royalty LLC and Pardee Minerals LLC

With an effective date of January 1, 2017, Pardee Minerals LLC conveyed by Deed and Assignment all its right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Mineral Holding Company LLC, Instrument 180000559

Exhibit EE
Unit AX-146
Docket # VGOB 13-1217-4028-04

Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
<i>With an effective date of January 1, 2017, Pardee Minerals Holding Company LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Royalty LLC, Instrument 180000784</i>			
Pardee Royalty LLC PO Box 829794 Philadelphia, PA 19182-9794			
<i>*All correspondence, notices, and requests for information to: Pardee Royalty LLC Attn: Jeffrey A. Brown 135 Corporate Center Drive Suite 510 Scott Depot, WV 25560-0018</i>			
White Wolf Energy, Inc.			
<i>By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commiission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name</i>			
White Wolf Energy LLC One City Place Drive, Suite 300 St. Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i>			
(2) Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i> PO Drawer L Oakwood, VA 24631	9.78 acres		

OIL & GAS OWNERSHIP

(1) Ira Strouth, et al <i>(previously Ruth Strouth Heirs)</i>	9.78 acres	16.6327%	
(a) Edwina S. Strouth 761 Jewell Ridge Road Richlands, VA 24641	4.89 acres 1/2 of 9.78 acres	8.3163%	39.2030% HB2058
(b) Ira L. Strouth 227 Pinetree Drive North Tazewell, VA 24630	4.89 acres 1/2 of 9.78 acres	8.3163%	<i>n/a</i>
	Acres 4.8900 Percent 8.3163%		

Tract #1M - 0.87 acres

COAL OWNERSHIP

(1) Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i> <i>Tr. 12 (153.17 acre tract)</i> Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701	0.87 acres	1.4796%	<i>n/a</i>
<i>Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99</i>			
Penn Virginia Oil & Gas Corporation			
<i>Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds</i>			
EnerVest Energy Funds			
<i>With an effective date of January 1, 2013, Enervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC</i>			
Pardee Royalty LLC and Pardee Minerals LLC			
<i>With an effective date of January 1, 2017, Pardee Minerals LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Mineral Holding Company LLC, Instrument 180000559</i>			

Exhibit EE
Unit AX-146
Docket # VGOB 13-1217-4028-04
Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
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Pardee Royalty LLC PO Box 829794 Philadelphia, PA 19182-9794			
<i>*All correspondence, notices, and requests for information to: Pardee Royalty LLC Attn: Jeffrey A. Brown 135 Corporate Center Drive Suite 510 Scott Depot, WV 25560-0018</i>			
White Wolf Energy, Inc.			
<i>By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name</i>			
White Wolf Energy LLC One City Place Drive, Suite 300 St. Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i>			
(2) Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i>			
PO Drawer L Oakwood, VA 24631			

OIL & GAS OWNERSHIP

(1) Charlotte Robinson 15312 Nobles Rd. Disputanta, VA 23842	0.87 acres	1.4796%	<i>n/a</i>
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Tract #1N - 6.55 acres

COAL OWNERSHIP

(1) Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i> <i>Tr. 12 (153.17 acre tract)</i> Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701	6.55 acres	11.1395%	<i>n/a</i>
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Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99

Penn Virginia Oil & Gas Corporation

Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds

EnerVest Energy Funds

With an effective date of January 1, 2013, Enervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC

Pardee Royalty LLC and Pardee Minerals LLC

With an effective date of January 1, 2017, Pardee Minerals LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Mineral Holding Company LLC. Instrument 180000559

With an effective date of January 1, 2017, Pardee Minerals Holding Company LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Royalty LLC. Instrument 180000784

Pardee Royalty LLC
PO Box 829794
Philadelphia, PA 19182-9794

**All correspondence, notices, and requests for information to:
Pardee Royalty LLC
Attn: Jeffrey A. Brown
135 Corporate Center Drive Suite 510
Scott Depot, WV 25560-0018*

White Wolf Energy, Inc.

Exhibit EE
Unit AX-146

Docket # VGOB 13-1217-4028-04

Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow	
<i>By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name</i>				
White Wolf Energy LLC One City Place Drive, Suite 300 St. Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i>				
(2)	Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i> PO Drawer L Oakwood, VA 24631			
<u>OIL & GAS OWNERSHIP</u>				
(1)	Patricia Louise Allen 2044 Emoriland Blvd Knoxville, TN 37917	6.55 acres	11.1395%	<i>n/a</i>
<u>Tract #10 - 2.08 acres</u>				
<u>COAL OWNERSHIP</u>				
(1)	Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i> <i>Tr. 12 (153.17 acre tract)</i> Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701	2.08 acres	3.5374%	<i>n/a</i>
<i>Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99</i>				
Penn Virginia Oil & Gas Corporation				
<i>Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds</i>				
EverVest Energy Funds				
<i>With an effective date of January 1, 2013, Evervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC</i>				
Pardee Royalty LLC and Pardee Minerals LLC				
<i>With an effective date of January 1, 2017, Pardee Minerals LLC conveyed by Deed and Assignment all its right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Mineral Holding Company LLC, Instrument 180000559</i>				
<i>With an effective date of January 1, 2017, Pardee Minerals Holding Company LLC conveyed by Deed and Assignment all its right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Royalty LLC, Instrument 180000784</i>				
Pardee Royalty LLC PO Box 829794 Philadelphia, PA 19182-9794		<i>*All correspondence, notices, and requests for information to: Pardee Royalty LLC Attn: Jeffrey A. Brown 135 Corporate Center Drive Suite 510 Scott Depot, WV 25560-0018</i>		
White Wolf Energy, Inc.				
<i>By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name</i>				
White Wolf Energy LLC One City Place Drive, Suite 300 St. Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i>				

Exhibit EE
Unit AX-146
Docket # VGOB 13-1217-4028-04
Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
(2) Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i> PO Drawer L Oakwood, VA 24631			

OIL & GAS OWNERSHIP

(1) Chester and Doris Mitchell	<i>Conveyed by Instrument# 160002636 dated 9/9/2016 to Stevie J. and Ashley N. Mitchell, TE</i>		
(a) Stevie J. and Ashley Mitchell, TE 1045 Jewell Ridge Rd Richlands, VA 24641	2.08 acres	3.5374%	<i>n/a</i>

Tract #1P - 0.56 acres

COAL OWNERSHIP

(1) Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i> <i>Tr. 12 (153.17 acre tract)</i> Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701	0.56 acres	0.9524%	<i>n/a</i>
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Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99

Penn Virginia Oil & Gas Corporation

Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds

EverVest Energy Funds

With an effective date of January 1, 2013, Evervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC

Pardee Royalty LLC and Pardee Minerals LLC

With an effective date of January 1, 2017, Pardee Minerals LLC conveyed by Deed and Assignment all its right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Mineral Holding Company LLC, Instrument 180000559

With an effective date of January 1, 2017, Pardee Minerals Holding Company LLC conveyed by Deed and Assignment all its right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Royalty LLC, Instrument 180000784

Pardee Royalty LLC
PO Box 829794
Philadelphia, PA 19182-9794

**All correspondence, notices, and requests for information to:
Pardee Royalty LLC
Attn: Jeffrey A. Brown
135 Corporate Center Drive Suite 510
Scott Depot, WV 25560-0018*

White Wolf Energy, Inc.

By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name

White Wolf Energy LLC
One City Place Drive, Suite 300
St. Louis, MO 63141
(previously Anker Virginia Mining Company, Inc.)

(2) Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i> PO Drawer L Oakwood, VA 24631			
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OIL & GAS OWNERSHIP

(1) Dewey Meadows Heirs, Devisees, Successors or Assigns	0.56 acres	0.9524%	
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Exhibit EE
Unit AX-146
Docket # VGOB 13-1217-4028-04

Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
(a) Neva Pearl Lawson Heirs, Devisees, Successors or Assigns			
(a.1) Charles G. Lawson 1885 Ames Circle E Chesapeake, VA 23321	0.0622 acres 1/90 of 0.56 acres	0.1058%	n/a
(b) Leila Crawford Heirs, Devisees, Successors or Assigns			
(b.2) Howard Lee Crawford Heirs, Devisees, Successors or Assigns			
(b.2.1) Dorothy Gilbert Crawford Heirs, Devisees, Successors or Assigns			
(b.2.1.2) Donald Crawford 491 Kegley Trestle Rd Princeton, WV 24740	0.0062 acres 1/90 of 0.56 acres	0.0106%	n/a
(b.2.1.3) Melody Rehm 491 Kegley Trestle Rd. Princeton, WV 24740	0.0062 acres 1/90 of 0.56 acres	0.0106%	n/a
(b.2.1.5) Srene Crawford Lokay PO Box 43 Athens, WV 24712	0.0062 acres 1/90 of 0.56 acres	0.0106%	n/a
(b.2.1.6) Jody Justin Crawford	deceased - no issue - interest to siblings		
(c) John R. Meadows Heirs, Devisees, Successors or Assigns Pre-deceased Dewey Meadows			
(c.1) Morris A. Meadows Heirs, Devisees, Successors or Assigns			
(c.1.1) Ronald Brian Webb 825 Big Creek Road Richlands, VA 24641	0.0311 acres 1/18 of 0.56 acres	0.0529%	n/a
(c.2) Wilma Janis Lowe Heirs, Devisees, Successors or Assigns			
(c.2.1) Larry Lowe 12967 W. Caleb Rd Peoria, AZ 85383	0.0062 acres 1/90 of 0.56 acres	0.0106%	n/a
(c.2.2) David Lowe 14210 W. Four Mound Rd Nine Mile Falls, WA 99026-9703	0.0062 acres 1/90 of 0.56 acres	0.0106%	n/a
(c.2.4) Timothy Lowe 1220 Cresthaven Dr Roseville, CA 95678	0.0062 acres 1/90 of 0.56 acres	0.0106%	n/a
(d) James Arch Meadows Heir, Devisees, Successors or Assigns Pre-deceased Dewey Meadows			
(d.1) Virginia Hoeffcker Heirs, Devisees, Successors or Assigns			
(d.1.1) George Hoeffcker Heirs, Devisees, Successors or Assigns			
(d.1.1.2) Robert Hoeffcker 337 Lake Como Cir Smyrna, DE 19977	0.0156 acres 1/36 of 0.56 acres	0.0265%	n/a
(e) Mamie Napier Heirs, Devisees, Successors or Assigns Pre-deceased Dewey Meadows			
(e.1) Robert Lee Napier Heirs, Devisees, Successors or Assigns			
(e.1.1) Ernestine Napier Heirs, Devisees, Successors or Assigns			
(e.1.1.1) Robert L. Napier, III Heirs, Devisees, Successors, or Assigns (documentation pending)	0.0207 acres 1/27 of 0.56 acres	0.0353%	n/a
(e.1.1.2) William Matthew Napier 7189 E Village Squire Vero Beach, FL 32966	0.0207 acres 1/27 of 0.56 acres	0.0353%	n/a

Exhibit EE
Unit AX-146
Docket # VGOB 13-1217-4028-04
Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
(e.1.1.3) Otis Earl Napier Heirs, Devisees, Successors or Assigns			
(e.1.1.3.1) Deborah Napier 1146 15th Ave SW Vero Beach, FL 32962	0.0207 acres 1/27 of 0.56 acres	0.0353%	n/a
(f) Grace E. Meadows Mullens Heirs, Devisees, Successors or Assigns			
(f.1) James H. Mullens	<i>Life estate extinguished</i>		
(f.1.1) James H. Mullens, Jr. Heirs, Devisees, Successors or Assigns			
<i>**Interests for owners below inherited from Margaret M. Barnes & Inez Zoe Meadows Church</i>			
(f.1.2.1.) James H. Mullens, III 354 Third Quarter Point Rd Wirtz, VA 24184	0.0003 acres 1/2160 of 0.56 acres	0.0004%	n/a
(f.2) Jerry K. Mullins, Sr. Heirs, Devisees, Successors or Assigns			
(f.2.1) Greata Hess Mullins 1201 Redwood Ct Marco Island, FL 34145	0.0130 acres 5/216 of 0.56 acres	0.0220%	n/a
(f.3) Archie A. Mullens 108 Club Rd NW Lake Placid, FL 33852	0.0130 acres 5/216 of 0.56 acres	0.0220%	n/a
(f.4) Thomas K. Mullens Heirs, Devisees, Successors or Assigns			
(f.4.1) Thomas K. Mullens, Jr 711 Pondsides Ct York, SC 29745	0.0130 acres 5/216 of 0.56 acres	0.0220%	n/a
(f.6) Alverta Largen Heirs, Devisees, Successors or Assigns	<i>(interest to f.2 to f.5)</i>		
(g) Okie Meadows Shortridge Heirs, Devisees, Successors or Assigns			
(g.2) Gayle Horton 325 Kings Drive Salisbury, NC 28144	0.0292 acres 31/594 of 0.56 acres	0.0497%	n/a
(h) Ivory Robinson Heirs, Devisees, Successors or Assigns			
(h.1) Malcolm Thurston Robinson, Sr. Heirs, Devisees, Successors or Assigns			
(h.1.1) Daniel F. Robinson Heirs, Devisees, Successors or Assigns			
(h.1.1.1) Charlotte L. Jamison Robinson 15312 Nobles Rd Disputanta, VA 23842	0.0207 acres 1/27 of 0.56 acres	0.0353%	n/a
(h.1.2) Malcolm Thurston Robinson, Jr 3310 Idlewood Ave Hopewell, VA 23860	0.0207 acres 1/27 of 0.56 acres	0.0353%	n/a
(i) Edward Allen Meadows Heirs, Devisees, Successors or Assigns			
(i.1) Pauline R. Meadows Heirs, Devisees, Successors or Assigns			
(i.1.1) Christine Gilsdorf 106 Gables Brook Dr Huntsville, AL 35806	0.0170 acres 1/33 of 0.56 acres	0.0289%	n/a
(i.2) Christine Gilsdorf 106 Gables Brook Dr Huntsville, AL 35806	0.0075 acres 4/297 of 0.56 acres	0.0128%	n/a
(i.4) Edward A. Meadows 269 Woodlands Ct Kingston Springs, TN 37082	0.0075 acres 4/297 of 0.56 acres	0.0128%	n/a

Exhibit EE
Unit AX-146
Docket # VGOB 13-1217-4028-04
Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
(i.5) Dolores Stinson 290 Yorktown Pl Apt A4 Vermillion, OH 44089	0.0075 acres 4/297 of 0.56 acres	0.0128%	<i>n/a</i>
(i.6) Dana Carlisle 1555 Oxford Court Gallatin, TN 37066	0.0075 acres 4/297 of 0.56 acres	0.0128%	<i>n/a</i>
(i.7) Judith Meadows Hooker 354 Turkey Creek Alachua, FL 32615	0.0075 acres 4/297 of 0.56 acres	0.0128%	<i>n/a</i>
	Acres 0.3730 Percent 0.6343%		

Tract #1Q - 0.21 acres

COAL OWNERSHIP

- (1) Southern Region Industrial Realty Corp. *(Coal except P3 Seam)* 0.21 acres 0.3571% *n/a*
Tr. 12 (153.17 acre tract)
Pocahontas Land Corporation, Agent
P. O. Box 1517
Bluefield, WV 24701

Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99

Penn Virginia Oil & Gas Corporation

Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds

EnerVest Energy Funds

With an effective date of January 1, 2013, Enervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC

Pardee Royalty LLC and Pardee Minerals LLC

With an effective date of January 1, 2017, Pardee Minerals LLC conveyed by Deed and Assignment all its right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Mineral Holding Company LLC, Instrument 180000559

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Pardee Royalty LLC
PO Box 829794
Philadelphia, PA 19182-9794

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Attn: Jeffrey A. Brown
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Scott Depot, WV 25560-0018*

White Wolf Energy, Inc.

By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name

White Wolf Energy LLC
One City Place Drive, Suite 300
St. Louis, MO 63141
(previously Anker Virginia Mining Company, Inc.)

- (2) Buchanan Mining Co LLC *(Coal in P3 Seam only)*
PO Drawer L
Oakwood, VA 24631

Exhibit EE
Unit AX-146
Docket # VGOB 13-1217-4028-04
Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
<u>OIL & GAS OWNERSHIP</u>			
(1) Patricia Louise Allen 2044 Emoriland Blvd Knoxville, TN 37917	0.21 acres	0.3571%	n/a
<u>Tract #1R - 0.16 acres</u>			
<u>COAL OWNERSHIP</u>			
(1) Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i> <i>Tr. 12 (153.17 acre tract)</i> Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701	0.16 acres	0.2721%	n/a
<i>Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99</i>			
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Pardee Royalty LLC and Pardee Minerals LLC			
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Pardee Royalty LLC PO Box 829794 Philadelphia, PA 19182-9794		<i>*All correspondence, notices, and requests for information to: Pardee Royalty LLC Attn: Jeffrey A. Brown 135 Corporate Center Drive Suite 510 Scott Depot, WV 25560-0018</i>	
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White Wolf Energy LLC One City Place Drive, Suite 300 St. Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i>			
(2) Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i> PO Drawer L Oakwood, VA 24631	0.16 acres		
<u>OIL & GAS OWNERSHIP</u>			
<i>**previously shown as "possible mapping issue", title and mapping work were completed after pooling and no mapping issues exist</i>			
(1) Commonwealth of Virginia Department of Transportation 2111 Bonham Road Bristol, VA 24201-2019	0.16 acres	0.2721%	n/a

Acres 0.1600
Percent 0.2721%

Exhibit EE
Unit AX-146

Docket # VGOB 13-1217-4028-04

Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES

List of Owners with Royalty Splits/Court Orders/HB2058

(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
Tract #1S - 0.06 acres			
COAL OWNERSHIP			
(1) Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i> <i>Tr. 12 (153.17 acre tract)</i> Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701	0.06 acres	0.1020%	<i>n/a</i>
<i>Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99</i>			
Penn Virginia Oil & Gas Corporation			
<i>Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds</i>			
EnerVest Energy Funds			
<i>With an effective date of January 1, 2013, Enervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC</i>			
Pardee Royalty LLC and Pardee Minerals LLC			
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Pardee Royalty LLC PO Box 829794 Philadelphia, PA 19182-9794		<i>*All correspondence, notices, and requests for information to: Pardee Royalty LLC Attn: Jeffrey A. Brown 135 Corporate Center Drive Suite 510 Scott Depot, WV 25560-0018</i>	
White Wolf Energy, Inc.			
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White Wolf Energy LLC One City Place Drive, Suite 300 St. Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i>			
(2) Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i> PO Drawer L Oakwood, VA 24631	0.06 acres		
OIL & GAS OWNERSHIP			
<i>**previously shown as "possible mapping issue", title and mapping work were completed after pooling and no mapping issues exist</i>			
(1) Commonwealth of Virginia Department of Transportation 2111 Bonham Road Bristol, VA 24201-2019	0.06 acres	0.1020%	<i>n/a</i>
	Acres	0.0600	
	Percent	0.1020%	

Exhibit EE
Unit AX-146
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(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
Tract #1T - 0.11 acres			
COAL OWNERSHIP			
(1) Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i> <i>Tr. 12 (153.17 acre tract)</i> Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701	0.11 acres	0.1871%	<i>n/a</i>
<i>Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99</i>			
Penn Virginia Oil & Gas Corporation			
<i>Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds</i>			
EnerVest Energy Funds			
<i>With an effective date of January 1, 2013, Enervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC</i>			
Pardee Royalty LLC and Pardee Minerals LLC			
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Pardee Royalty LLC PO Box 829794 Philadelphia, PA 19182-9794		<i>*All correspondence, notices, and requests for information to: Pardee Royalty LLC Attn: Jeffrey A. Brown 135 Corporate Center Drive Suite 510 Scott Depot, WV 25560-0018</i>	
White Wolf Energy, Inc.			
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White Wolf Energy LLC One City Place Drive, Suite 300 St. Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i>			
(2) Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i> PO Drawer L Oakwood, VA 24631	0.11 acres		

OIL & GAS OWNERSHIP

***previously shown as "possible mapping issue", title and mapping work were completed after pooling and no mapping issues exist*

(1) Commonwealth of Virginia Department of Transportation 2111 Bonham Road Bristol, VA 24201-2019	0.11 acres	0.1871%	<i>n/a</i>
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Acres	0.1100
Percent	0.1871%

Exhibit EE
Unit AX-146
Docket # VGOB 13-1217-4028-04
Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
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(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
Tract #1U - 0.15 acres			
COAL OWNERSHIP			
(1) Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i> <i>Tr. 12 (153.17 acre tract)</i> Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701	0.15 acres	0.2551%	<i>n/a</i>
<p style="text-align: center;"><i>Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99</i></p> <p>Penn Virginia Oil & Gas Corporation</p> <p style="text-align: center;"><i>Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds</i></p> <p>EnerVest Energy Funds</p> <p style="text-align: center;"><i>With an effective date of January 1, 2013, Enervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC</i></p> <p>Pardee Royalty LLC and Pardee Minerals LLC</p> <p style="text-align: center;"><i>With an effective date of January 1, 2017, Pardee Minerals LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Mineral Holding Company LLC, Instrument 180000559</i></p> <p style="text-align: center;"><i>With an effective date of January 1, 2017, Pardee Minerals Holding Company LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Royalty LLC, Instrument 180000784</i></p> <p style="text-align: right;"><i>*All correspondence, notices, and requests for information to:</i> Pardee Royalty LLC Attn: Jeffrey A. Brown 135 Corporate Center Drive Suite 510 Scott Depot, WV 25560-0018</p> <p>Pardee Royalty LLC PO Box 829794 Philadelphia, PA 19182-9794</p> <p>White Wolf Energy, Inc.</p> <p style="text-align: center;"><i>By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name</i></p> <p>White Wolf Energy LLC One City Place Drive, Suite 300 St. Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i></p>			
(2) Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i> PO Drawer L Oakwood, VA 24631	0.15 acres		

OIL & GAS OWNERSHIP

***previously shown as "possible mapping issue", title and mapping work were completed after pooling and no mapping issues exist*

(1) Commonwealth of Virginia Department of Transportation 2111 Bonham Road Bristol, VA 24201-2019	0.15 acres	0.2551%	<i>n/a</i>
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Acres	0.1500
Percent	0.2551%

Exhibit EE
Unit AX-146
Docket # VGOB 13-1217-4028-04
Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
Tract #1V - 0.13 acres			
COAL OWNERSHIP			
(1) Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i> <i>Tr. 12 (153.17 acre tract)</i> Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701	0.13 acres	0.2211%	<i>n/a</i>
<i>Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99</i>			
Penn Virginia Oil & Gas Corporation			
<i>Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds</i>			
EnerVest Energy Funds			
<i>With an effective date of January 1, 2013, Enervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC</i>			
Pardee Royalty LLC and Pardee Minerals LLC			
<i>With an effective date of January 1, 2017, Pardee Minerals LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Mineral Holding Company LLC, Instrument 180000559</i>			
<i>With an effective date of January 1, 2017, Pardee Minerals Holding Company LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Royalty LLC, Instrument 180000784</i>			
*All correspondence, notices, and requests for information to: Pardee Royalty LLC Attn: Jeffrey A. Brown 135 Corporate Center Drive Suite 510 Scott Depot, WV 25560-0018			
Pardee Royalty LLC PO Box 829794 Philadelphia, PA 19182-9794			
White Wolf Energy, Inc.			
<i>By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name</i>			
White Wolf Energy LLC One City Place Drive, Suite 300 St. Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i>			
(2) Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i> PO Drawer L Oakwood, VA 24631	0.13 acres		
OIL & GAS OWNERSHIP			
<i>**previously shown as "possible mapping issue", title and mapping work were completed after pooling and no mapping issues exist</i>			
(1) Commonwealth of Virginia Department of Transportation 2111 Bonham Road Bristol, VA 24201-2019	0.13 acres	0.2211%	<i>n/a</i>
	Acres 0.1300 Percent 0.2211%		

Exhibit EE
Unit AX-146
Docket # VGOB 13-1217-4028-04

Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
Tract #1W - 2.66 acres			
COAL OWNERSHIP			
(1) Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i> <i>Tr. 12 (153.17 acre tract)</i> Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701	2.66 acres	4.5238%	<i>n/a</i>
<i>Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99</i>			
Penn Virginia Oil & Gas Corporation			
<i>Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds</i>			
EnerVest Energy Funds			
<i>With an effective date of January 1, 2013, Enervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC</i>			
Pardee Royalty LLC and Pardee Minerals LLC			
<i>With an effective date of January 1, 2017, Pardee Minerals LLC conveyed by Deed and Assignment all its right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Mineral Holding Company LLC, Instrument 180000559</i>			
<i>With an effective date of January 1, 2017, Pardee Minerals Holding Company LLC conveyed by Deed and Assignment all its right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Royalty LLC, Instrument 180000784</i>			
Pardee Royalty LLC PO Box 829794 Philadelphia, PA 19182-9794		<i>*All correspondence, notices, and requests for information to: Pardee Royalty LLC Attn: Jeffrey A. Brown 135 Corporate Center Drive Suite 510 Scott Depot, WV 25560-0018</i>	
White Wolf Energy, Inc.			
<i>By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name</i>			
White Wolf Energy LLC One City Place Drive, Suite 300 St. Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i>			
(2) Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i> PO Drawer L Oakwood, VA 24631			
OIL & GAS OWNERSHIP			
(1) Ivory I. Brown PO Box 622 Richlands, VA 24641	2.66 acres	4.5238%	<i>n/a</i>

Tract #1X - 0.05 acres

COAL OWNERSHIP

(1) Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i> <i>Tr. 12 (153.17 acre tract)</i> Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701	0.05 acres	0.0850%	<i>n/a</i>
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Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99

Exhibit EE
Unit AX-146
Docket # VGOB 13-1217-4028-04
Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
<p>Penn Virginia Oil & Gas Corporation</p> <p><i>Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds</i></p>			
<p>EnerVest Energy Funds</p> <p><i>With an effective date of January 1, 2013, Enervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC</i></p>			
<p>Pardee Royalty LLC and Pardee Minerals LLC</p> <p><i>With an effective date of January 1, 2017, Pardee Minerals LLC conveyed by Deed and Assignment all its right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Mineral Holding Company LLC, Instrument 180000559</i></p> <p><i>With an effective date of January 1, 2017, Pardee Minerals Holding Company LLC conveyed by Deed and Assignment all its right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Royalty LLC, Instrument 180000784</i></p> <p style="text-align: right;"><i>*All correspondence, notices, and requests for information to: Pardee Royalty LLC Attn: Jeffrey A. Brown 135 Corporate Center Drive Suite 510 Scott Depot, WV 25560-0018</i></p>			
<p>Pardee Royalty LLC PO Box 829794 Philadelphia, PA 19182-9794</p>			
<p>White Wolf Energy, Inc.</p> <p><i>By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name</i></p> <p>White Wolf Energy LLC One City Place Drive, Suite 300 St. Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i></p>			
<p>(2) Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i> PO Drawer L Oakwood, VA 24631</p>			
<p><u>OIL & GAS OWNERSHIP</u></p>			
<p>(1) Ivory I. Brown PO Box 622 Richlands, VA 24641</p>			
<p style="text-align: center;">0.05 acres 0.0850% <i>n/a</i></p>			
<p><u>Tract #1Y - 0.31 acres</u></p>			
<p><u>COAL OWNERSHIP</u></p>			
<p>(1) Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i> <i>Tr. 12 (153.17 acre tract)</i> Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701</p> <p><i>Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99</i></p>			
<p>Penn Virginia Oil & Gas Corporation</p> <p><i>Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds</i></p>			
<p>EnerVest Energy Funds</p> <p><i>With an effective date of January 1, 2013, Enervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC</i></p>			
<p>Pardee Royalty LLC and Pardee Minerals LLC</p>			

Exhibit EE
Unit AX-146
Docket # VGOB 13-1217-4028-04
Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
<i>With an effective date of January 1, 2017, Pardee Minerals LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Mineral Holding Company LLC, Instrument 180000559</i>			
<i>With an effective date of January 1, 2017, Pardee Minerals Holding Company LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Royalty LLC, Instrument 180000784</i>			
Pardee Royalty LLC PO Box 829794 Philadelphia, PA 19182-9794			
			<i>*All correspondence, notices, and requests for information to: Pardee Royalty LLC Attn: Jeffrey A. Brown 135 Corporate Center Drive Suite 510 Scott Depot, WV 25560-0018</i>
White Wolf Energy, Inc.			
<i>By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name</i>			
White Wolf Energy LLC One City Place Drive, Suite 300 St. Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i>			
(2) Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i> PO Drawer L Oakwood, VA 24631	0.31 acres		

OIL & GAS OWNERSHIP

***previously shown as "possible mapping issue", title and mapping work were completed after pooling and no mapping issues exist*

(1) Commonwealth of Virginia Department of Transportation 2111 Bonham Road Bristol, VA 24201-2019	0.31 acres	0.5272%	<i>n/a</i>
	Acres	0.3100	
	Percent	0.5272%	

Tract #1Z - 0.03 acres

COAL OWNERSHIP

(1) Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i> <i>Tr. 12 (153.17 acre tract)</i> Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701	0.03 acres	0.0510%	<i>n/a</i>
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Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil & Gas Deed to Penn Virginia Oil & Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99

Penn Virginia Oil & Gas Corporation

Effective January 1, 2012, Penn Virginia Oil & Gas Corporation by Assignment and Bill of Sale transferred all of its rights, title and interest to "certain" properties to EverVest Energy Funds

EnerVest Energy Funds

With an effective date of January 1, 2013, Enervest Energy Funds conveyed by Special Warranty Deed all its rights, title and interest to "certain" properties to Pardee Royalty LLC and Pardee Minerals LLC

Pardee Royalty LLC and Pardee Minerals LLC

With an effective date of January 1, 2017, Pardee Minerals LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Mineral Holding Company LLC, Instrument 180000559

Exhibit EE
Unit AX-146
Docket # VGOB 13-1217-4028-04
Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
<i>With an effective date of January 1, 2017, Pardee Minerals Holding Company LLC conveyed by Deed and Assignment all it's right, title, and interest in and to the oil, gas, coalbed methane gas, gob gas and other minerals set forth in Exhibit A to Pardee Royalty LLC, Instrument 180000784</i>			
Pardee Royalty LLC PO Box 829794 Philadelphia, PA 19182-9794			
<i>*All correspondence, notices, and requests for information to: Pardee Royalty LLC Attn: Jeffrey A. Brown 135 Corporate Center Drive Suite 510 Scott Depot, WV 25560-0018</i>			
White Wolf Energy, Inc.			
<i>By Certificate of Entity Conversion, effective December 30, 2016, issued by the Commonwealth of Virginia, State Corporation Commission on December 22, 2016, White Wolf Energy, Inc., a Virginia corporation, converted into a Virginia limited liability company and changed its name</i>			
White Wolf Energy LLC One City Place Drive, Suite 300 St. Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i>			
(2) Buchanan Mining Co LLC <i>(Coal in P3 Seam only)</i> PO Drawer L Oakwood, VA 24631	0.03 acres		
<u>OIL & GAS OWNERSHIP</u>			
<i>**previously shown as "Title Conflict", title completed 11/5/2014 confirms oil and gas ownership in Levi Hickman Heirs, no conflict exists</i>			
(1) Levi Hickman Heirs, Devises, Successors or Assigns	0.03 acres	0.0510%	
(b) Ruey J. Crigger Heirs, Devises, Successors or Assigns			
(b.1) Kelly Crigger Heirs, Devises, Successors or Assigns			
(b.1.1) Laura "Dickie" Crigger Heirs, Devises, Successors or Assigns			<i>Deceased without issue - interest passes to siblings and their heirs</i>
(b.1.2) Gertrude C. Shell Heirs, Devises, Successors or Assigns			
(b.1.2.1) Marjorie Shell Allen 2044 Wilson Mill Road Lindsay, WV 24951	0.0004 acres 1/80 of 0.03 acres	0.0006%	<i>n/a</i>
(b.1.2.2) Patricia Louise Shell Dishner 320 Tower Hill Lane Forest Hill, WV 24935	0.0004 acres 1/80 of 0.03 acres	0.0006%	<i>n/a</i>
(b.1.3) Mary Margaret Johnson Heirs, Devises, Successors or Assigns			
(b.1.3.2) Ralph Kenneth Johnson 170 Par Place Abingdon, VA 24211	0.0001 acres 1/240 of 0.03 acres	0.0002%	<i>n/a</i>
(b.1.3.4) Linda Whitt 9632 Sliding Hill Rd Ashland, VA 23005	0.0001 acres 1/240 of 0.03 acres	0.0002%	<i>n/a</i>
(b.1.3.5) Sara K. Sluss 201 Lakeview Ln Johnson City, TN 37615	0.0001 acres 1/240 of 0.03 acres	0.0002%	<i>n/a</i>
(b.1.3.6) Wanda Wade 2350 Mayfair Dr Cumming, GA 30040	0.0001 acres 1/240 of 0.03 acres	0.0002%	<i>n/a</i>

**Exhibit EE
Unit AX-146
Docket # VGOB 13-1217-4028-04**

**Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)**

	Net Acres in Unit	Interest in Unit	Percent of Escrow
(b.1.4) Annie Crigger Cooper Heirs, Devises, Successors or Assigns			
(b.1.4.1) John Lewis Cooper Heirs, Devises, Successors or Assigns			
(b.1.4.1.1) Lewis Eugene Cooper 301 8th St Vinton, VA 24179	0.0003 acres 1/120 of 0.03 acres	0.0004%	<i>n/a</i>
(b.1.4.1.2) Kelly Richard Cooper 318 Langland Dr Vinton, VA 24179	0.0003 acres 1/120 of 0.03 acres	0.0004%	<i>n/a</i>
(b.1.4.1.3) Elisabeth Ann Falls 1043 Maywood Dr Vinton, VA 24179	0.0003 acres 1/120 of 0.03 acres	0.0004%	<i>n/a</i>
(b.1.5) Hazel Crigger Lane Heirs, Devises, Successors or Assigns			
(b.1.5.1) Betty Lee Lane 249 Gray Station Rd, Apt 27 Johnson City, TN 37615	0.0004 acres 1/80 of 0.03 acres	0.0006%	<i>n/a</i>
(c) Martha Stump Heirs, Devises, Successors or Assigns			
(c.1) John M. Stump	<i>Life estate extinguished</i>		
(c.1.2) Laura Vandyke Heirs, Devises, Successors or Assigns			
(c.1.2.1) George Lafayette Vandyke Heirs, Devises, Successors or assigns			
(c.1.2.1.1) Sue Christine Vandyke Myer 5601 Myrtle Dr Ft Pierce, FL 24982	0.0005 acres 1/64 of 0.03 acres	0.0008%	<i>n/a</i>
(c.1.3) Mary Alice Stump Vance Heirs, Devises, Successors or Assigns			
(c.1.3.1) Martha Louise Vance Pruett Heirs, Devises, Successors or Assigns			
(c.1.3.1.1) Mary Jess Hale 20086 Saturn Dr Abingdon, VA 24211	0.0002 acres 1/192 of 0.03 acres	0.0003%	<i>n/a</i>
(c.1.3.1.2) Mary Kinder 130 Gateway Dr Richlands, VA 24641	0.0002 acres 1/192 of 0.03 acres	0.0003%	<i>n/a</i>
(c.1.4) Fannie Ellen Lowe Heirs, Devises, Successors or Assigns			
(c.1.4.1) Donald Bruce Lowe 19258 Pleasant View Dr Abingdon, VA 24211	0.0002 acres 1/192 of 0.03 acres	0.0003%	<i>n/a</i>
(c.1.4.2) Gerald Wayne Lowe 9346 Southern Belle Drive Weeki Wakka, FL 34613	0.0002 acres 1/192 of 0.03 acres	0.0003%	<i>n/a</i>
(c.1.5) James I. Stumpp Heirs, Devises, Successors or Assigns			
(c.1.5.1) Frances Maye Stumpp	<i>Life estate extinguished</i>		

Exhibit EE
Unit AX-146
Docket # VGOB 13-1217-4028-04

Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES
List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
(c.1.5.1.5) Mike Stumpp PO Box 717 Richlands, VA 24641	0.0001 acres 1/320 of 0.03 acres	0.0002%	n/a
(c.1.6) Zola Stumpp Heirs, Devisees, Successors or Assigns			
(c.1.6.1) Donald Bruce Lowe 19258 Pleasant View Dr Abingdon, VA 24211	0.0001 acres 1/256 of 0.03 acres	0.0002%	n/a
(c.1.6.2) Gerald Wayne Lowe 9346 Southern Belle Drive Weeki Wakka, FL 34613	0.0001 acres 1/256 of 0.03 acres	0.0002%	n/a
(c.1.6.4) Harold Crockett Cordle 20 Meadowlark Ln Spartanburg, SC 29306	0.0001 acres 1/256 of 0.03 acres	0.0002%	n/a
(c.1.8) Martha Cordle Heirs, Devisees, Successors or Assigns			
(c.1.8.1) James C. Cordle Heirs, Devisees, Successors or Assigns			
(c.1.8.1.2) Harold Crockett Cordle 20 Meadowlark Ln Spartanburg, SC 29306	0.0002 acres 1/128 of 0.03 acres	0.0004%	n/a
(c.1.9) Gladys Stump Lester Heirs	<i>Deceased - no issue - interest to siblings</i>		
(c.1.10) Hubert Stumpp Heirs	<i>Deceased - no issue - interest to siblings</i>		
(e) Fannie K. Woody Heirs, Devisees, Successors or Assigns			
(e.1) Hampton Woody	<i>Life estate extinguished</i>		
(e.1.1) Hope Ring Heirs, Devisees, Successors or Assigns			
(e.1.1.1) David Ring Trustee - FBO Mia Ring	<i>Trust terminated upon 25th birthday</i>		
(e.1.1.1.1) Mia Amanda Gardner 1817 Tremont Ave Bristol, TN 37660	0.0038 acres 1/8 of 0.03 acres	0.0064%	n/a
(g) Hubert Britton Hickman Heirs, Devisees, Successors or Assigns			
(g.1) Cora Alice Day Hickman	<i>Life estate extinguished</i>		
(g.1.1) James Hubert Hickman Heirs, Devisees, Successors or Assigns			
(g.1.1.1) Jeanne B. Hickman Heirs, Devisees, Successors or Assigns			
(g.1.1.1.1) Jamie Bailey 12 Strawflower Pl Johnson City, TN 37604	0.0009 acres 1/32 of 0.03 acres	0.0016%	n/a
(g.1.2) Patsy Ruth Hickman Lake Heirs, Devisees, Successors or Assigns			
(g.1.2.3) Mark Lake 6420 Trailhead Circle Knoxville, TN 37920	0.0002 acres 1/144 of 0.03 acres	0.0004%	n/a
(g.1.3) Shirli Nell Hickman Allen Doyle Heirs, Devisees, Successors or Assigns			

Exhibit EE
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List of Owners with Royalty Splits/Court Orders/HB2058
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
(g.1.3.1) James Doyle Heirs, Devisees, Successors or Assigns			
(g.1.3.1.2) Tresa Mawk 441 Spruce St Mt Carmel, TN 37645	0.0003 acres 1/96 of 0.03 acres	0.0005%	n/a
(g.1.3.1.3) James Britton Allen 1318 E. Sevier Ave Kingsport, TN 37664	0.0003 acres 1/96 of 0.03 acres	0.0005%	n/a
(g.1.4) Marie Allen 2044 Emoriland Blvd Knoxville, TN 37917	0.0009 acres 1/32 of 0.03 acres	0.0016%	n/a
(h) Cora J. Bullen Heirs, Devisees, Successors or Assigns			
(h.1) Hal E. Bullen Heirs	<i>Life estate extinguished</i>		
(h.1.1) Mary Ann (Nancy) Catron Heirs, Devisees, Successors or Assigns			
(h.1.1.1) Jack Stout Catron Heirs, Devisees, Successors or assigns			
(h.1.1.1.2) Caren Catron Cruickshank Heirs, Devisees, Successors or Assigns			
(h.1.1.1.2.2) Kit Talbot 6705 Birchton St Dublin, OH 43017	0.0002 acres 1/144 of 0.03 acres	0.0004%	n/a
	Acres Percent	0.0108 0.0184%	

Tract #4 - 0.30 acres

Fee tract that was previously escrowed due to Unknown heirs

COAL OWNERSHIP

(1) H.L. Spratt Heirs, Devisees, Successors or Assigns <i>(0.53 acre tract)</i>	0.30 acres	0.5102%	n/a
(a) Fay D. Spratt	<i>Life Estate extinguished</i>		
(a.1) Dillard Spratt Heirs, Devisees, Successors or Assigns			
(a.1.1) Opal Spratt Heirs, Devisees, Successors, or Assigns			
(a.1.1.1) Marion Sandra Pearson 6049 Potomac Landing Dr King George, VA 22485	0.05 acres 1/6 of 0.30 acres	0.0850%	n/a

OIL & GAS OWNERSHIP

(1) H.L. Spratt Heirs, Devisees, Successors or Assigns <i>(0.53 acre tract)</i>	0.30 acres	0.5102%	n/a
(a) Fay D. Spratt	<i>Life Estate extinguished</i>		
(a.1) Dillard Spratt Heirs, Devisees, Successors or Assigns			
(a.1.1) Opal Spratt Heirs, Devisees, Successors, or Assigns			

Exhibit EE
Unit AX-146

Docket # VGOB 13-1217-4028-04

Penn VA is Participating in Well AX146. Penn VA is not participating in Well AX146A - EARNED ACRES

List of Owners with Royalty Splits/Court Orders/HB2058

(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
(a.1.1.1) Marion Saundra Pearson 6049 Potomac Landing Dr King George, VA 22485	0.05 acres 1/6 of 0.30 acres	0.0850%	<i>n/a</i>
	Acres 0.0500 Percent 0.0850%		
	<u>TOTAL CONFLICTS RESOLVED</u>		
	Acres 43.0065 Percent 73.1402%		