

**VIRGINIA LAND RECORD COVER SHEET**

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

**FORM A - COVER SHEET CONTENT**

Instrument Date: 5/8/2023

Instrument Type: ODU

Number of Parcels: 0 Number of Pages: 71

City  County TAZEWELL COUNTY COURT  
CIRCUIT COURT

Tax Exempt? VIRGINIA/FEDERAL CODE SECTION

Grantor: VIRGINIA GAS AND OIL BOARD

Grantee: POCAHONTAS GAS LLE

**Business/Name**

1  Grantor: VIRGINIA GAS AND OIL BOARD

Grantor: \_\_\_\_\_

1  Grantee: POCAHONTAS GAS LLC

2 Grantee: STROUTH, IRA L

**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: \_\_\_\_\_

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



23-1281

INSTRUMENT 230001281  
RECORDED IN THE CLERK'S OFFICE OF  
TAZEWELL COUNTY CIRCUIT COURT ON  
MAY 25, 2023 AT 10:59 AM  
SUSIE O. VANCE, CLERK  
RECORDED BY: KPC

*Kathy Crause*

(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: 5/8/2023

Instrument Type: ODU

Number of Parcels: 0 Number of Pages: 71

City  County TAZEWELL COUNTY COURT  
CIRCUIT COURT



*(Area Above Reserved For Deed Stamp Only)*

### Grantor Business/Name

- ..... Grantor: .....

### Grantee Business/Name

- 3 × Grantee: COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION
- 4 Grantee: HALE, MARY JESS
- 5 Grantee: ALLEN, MARIE
- 6 Grantee: ROBINSON, CHARLOTTE JAMISON
- 7 Grantee: ALLEN, MARJORIE SHELL
- 8 Grantee: DISHNER, PATRICIA SHELL
- 9 Grantee: JOHNSON, RALPH KENNETH
- 10 Grantee: WHITT, LINDA



# VIRGINIA LAND RECORD COVER SHEET

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

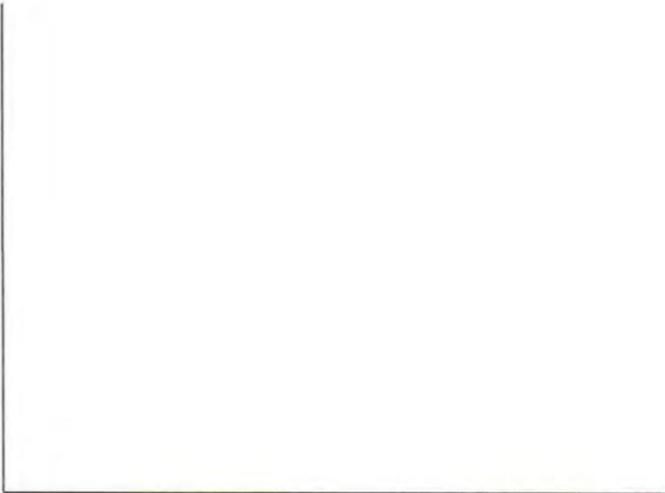
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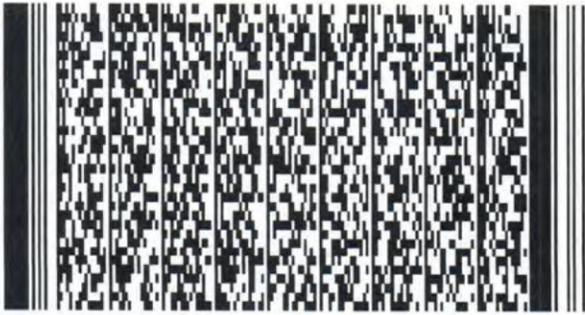
*(Area Above Reserved For Deed Stamp Only)*

### Grantor Business/Name

- ..... Grantor: .....

### Grantee Business/Name

- 11 ..... Grantee: SLUSS, SARA K
- 12 ..... Grantee: WADE, WANDA
- 13 ..... Grantee: COOPER, LEWIS EUGENE
- 14 ..... Grantee: COOPER, KELLY RICHARD
- 15 ..... Grantee: FALLS, ELISABETH ANN
- 16 ..... Grantee: LANE, BETTY LEE
- 17 ..... Grantee: MYER, SUE CHRISTINE
- 18 ..... Grantee: HALE, MARY JESS



# VIRGINIA LAND RECORD COVER SHEET

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

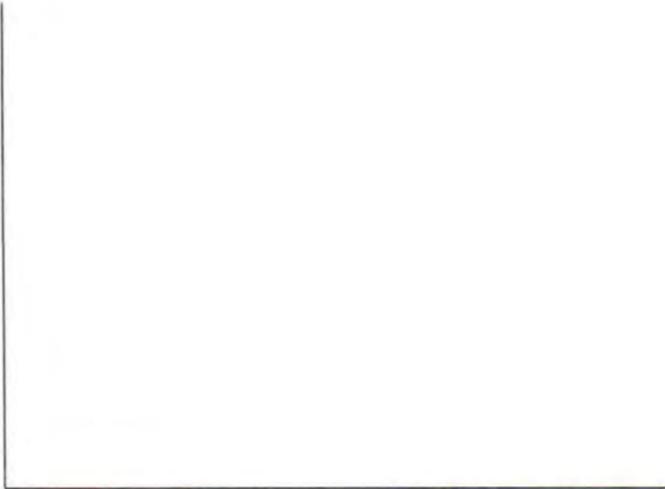
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City  County TAZEWELL COUNTY COURT  
CIRCUIT COURT



*(Area Above Reserved For Deed Stamp Only)*

### Grantor Business/Name

- ..... Grantor: .....

### Grantee Business/Name

- 19 ..... Grantee: KINDER, MARY .....
- 20 ..... Grantee: LOWE, DONALD BRUCE .....
- 21 ..... Grantee: LOWE, GERALD WAYNE .....
- 22 ..... Grantee: STUMPP, MIKE .....
- 23 ..... Grantee: CORDLE, HAROLD CROCKETT .....
- 24 ..... Grantee: GARDNER, MIA AMANDA .....
- 25 ..... Grantee: BAILEY, JAMIE .....
- 26 ..... Grantee: LAKE, MARK .....



# VIRGINIA LAND RECORD COVER SHEET

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

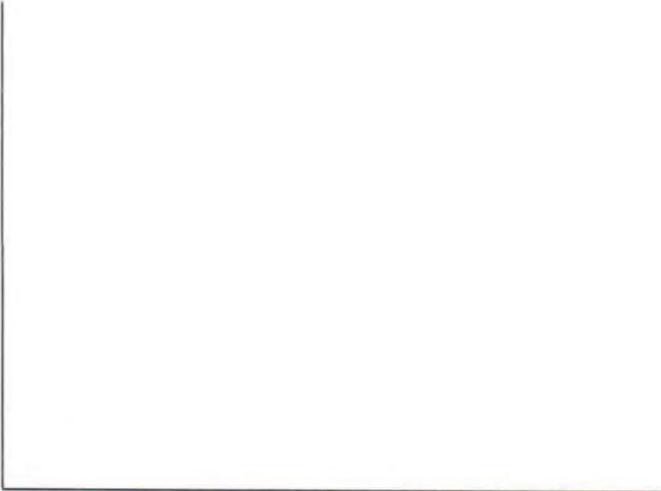
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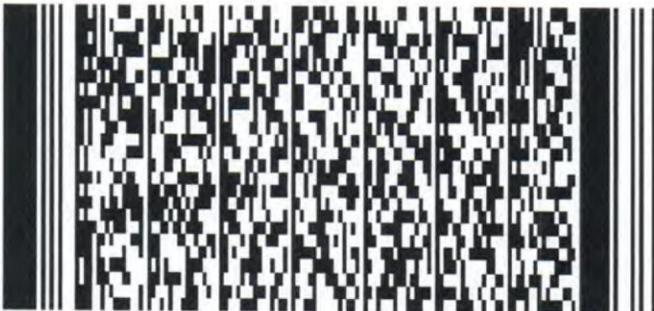
*(Area Above Reserved For Deed Stamp Only)*

### Grantor Business/Name

- ..... Grantor: .....

### Grantee Business/Name

- 27 ..... Grantee: MAWK, TRESA .....
- 28 ..... Grantee: ALLEN, JAMES BRITTON .....
- 29 ..... Grantee: ALLEN, MARIE .....
- 30 ..... Grantee: TALBOT, KIT .....
- ..... Grantee: .....
- ..... Grantee: .....
- ..... Grantee: .....
- ..... 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):** A portion of 1E, 1H, A portion of 1I, A portion of 1K, A  
portion of 1L, A portion of 1P, 1R, 1S, 1T, 1U, 1V,  
1Y, A portion of 1Z

**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-13-1217-4028-03

**APPLICANTS:** Pocahontas Gas LLC on behalf of Betty Lee Lane, Charlotte Jamison Robinson,  
Commonwealth of VA Department of Transportation, Donald Bruce Lowe, Elisabeth Ann Falls,  
Gerald Wayne Lowe, Harold Crockett Cordle, Ira L. Strouth, James Britton Allen, Jamie  
Bailey, Kelly Richard Cooper, Kit Talbot, Lewis Eugene Cooper, Linda Whitt, Marie Allen,  
Marjorie Shell Allen, Mark Lake, Mary Jess Hale, Mary Kinder, Mia Amanda Gardner, Mike  
Stumpp, Patricia Shell Dishner, Ralph Kenneth Johnson, Sara K. Sluss, Sue Christine Myer,  
Tresa Mawk, Wanda Wade

**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.

**NOTICE:**

- (1) Amend the Pooling Order to provide for the disbursement of funds on deposit in the Escrow Account attributable to Tract(s) A portion of 1E, 1H, A portion of 1I, A portion of 1K, A portion of 1L, A portion of 1P, 1R, 1S, 1T, 1U, 1V, 1Y, A portion of 1Z identified in the attached petition.
- (2) Delete the requirement that the Unit Operator place future royalties attributable to Tract(s) A portion of 1E, 1H, A portion of 1I, A portion of 1K, A portion of 1L, A portion of 1P, 1R, 1S, 1T, 1U, 1V, 1Y, A portion of 1Z 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. Ira L Strouth, Commonwealth of VA Dept of Transportation, Mary Jess Hale, Marie Allen, Charlotte Jamison Robinson, Marjorie Shell Allen, Patricia Shell Dishner, Ralph Kenneth Johnson, Linda Whitt, Sara K. Sluss, Wanda Wade Johnson, Lewis Eugene Cooper, Kelly Richard Cooper, Elizabeth Ann Falls, Betty Lee Lane, Sue Christine Myer, Mary Kinder, Donald Bruce Lowe, Gerald Wayne Lowe, Mike Stumpp, Harold Crockett Cordle, Mia Amanda Gardner, Jamie Bailey, Mark Lake, Tresa Mawk, James Britton Allen, and Kit Talbot are the gas claimant in Tract(s) portion of 1E, 1H, portion of 1I, portion of 1K, portion of 1L, portion of 1P, 1R, 1S, 1T, 1U, 1V, 1Y, & portion of 1Z. As such Ira L Strouth, Commonwealth of VA Dept of Transportation, Mary Jess Hale, Marie Allen, Charlotte Jamison Robinson, Marjorie Shell Allen, Patricia Shell Dishner, Ralph Kenneth Johnson, Linda Whitt, Sara K. Sluss, Wanda Wade Johnson, Lewis Eugene Cooper, Kelly Richard Cooper, Elizabeth Ann Falls, Betty Lee Lane, Sue Christine Myer, Mary Kinder, Donald Bruce Lowe, Gerald Wayne Lowe, Mike Stumpp, Harold Crockett Cordle, Mia Amanda Gardner, Jamie Bailey, Mark Lake, Tresa Mawk, James Britton Allen, and Kit Talbot 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 Ira L Strouth, Commonwealth of VA Dept of Transportation, Mary Jess Hale, Marie Allen, Charlotte Jamison Robinson, Marjorie Shell Allen, Patricia Shell Dishner, Ralph Kenneth Johnson, Linda Whitt, Sara K. Sluss, Wanda Wade Johnson, Lewis Eugene Cooper, Kelly Richard Cooper, Elizabeth Ann Falls, Betty Lee Lane, Sue Christine Myer, Mary Kinder, Donald Bruce Lowe, Gerald Wayne Lowe, Mike Stumpp, Harold Crockett Cordle, Mia Amanda Gardner, Jamie Bailey, Mark Lake, Tresa Mawk, James Britton Allen, and Kit Talbot and not escrow same. See Exhibit EE annexed hereto.





1Z Tract 1Z (total acreage)		0.0300						
24	1Z	Tresa Mawk\441 Spruce Street Mt Carmel TN 37645	1/96	0.0003	100.00%	0.0003	0.0015%	
25	1Z	James Britton Allen\1318 E Sevier Avenue Kingsport TN 37664	1/96	0.0003	100.00%	0.0003	0.0015%	
26	1Z	Marie Allen\2044 Emoriland Blvd Knoxville TN 37917	1/32	0.0009	100.00%	0.0009	0.0046%	
27	1Z	Kit Talbot\6705 Birchton Street Dublin OH 43017	1/144	0.0002	100.00%	0.0002	0.0010%	

Adjustment Comments:

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 8 day of May, 2023 by a majority of the Virginia Gas and Oil Board.



Interim Chairman, Donald L. Ratliff

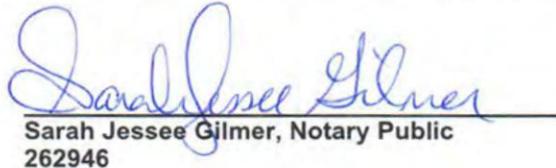
DONE AND PERFORMED this 8 day of May, 2023 by Order of the Virginia Gas and Oil Board.



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

COMMONWEALTH OF VIRGINIA  
COUNTY OF RUSSELL

Acknowledged on this 8<sup>th</sup> day of May, 2023, 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 13-1217-4028-03

RELIEF SOUGHT: (1) DISBURSEMENT FROM ESCROW REGARDING TRACT(S) A portion of 1E, 1H, A portion of 1I, A portion of 1K, A portion of 1L, A portion of 1P, 1R, 1S, 1T, 1U, 1V, 1Y, A portion of 1Z (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(s) attributable to a portion of Tracts 1E, 1H, portion of 1I, portion of 1K, portion of 1L, portion of 1P, 1R, 1S, 1T, 1U, 1V, 1Y, & portion of 1Z as depicted upon the annexed table; and (2) authorization to begin paying royalties directly to Ira L Strouth, Commonwealth of VA Dept of Transportation, Mary Jess Hale, Marie Allen, Charlotte Jamison Robinson, Marjorie Shell Allen, Patricia Shell Dishner, Ralph Kenneth Johnson, Linda Whitt, Sara K. Sluss, Wanda Wade Johnson, Lewis Eugene Cooper, Kelly Richard Cooper, Elizabeth Ann Falls, Betty Lee Lane, Sue Christine Myer, Mary Kinder, Donald Bruce Lowe, Gerald Wayne Lowe, Mike Stumpp, Harold Crockett Cordle, Mia Amanda Gardner, Jamie Bailey, Mark Lake, Tresa Mawk, James Britton Allen, and Kit Talbot.

**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. Ira L Strouth, Commonwealth of VA Dept of Transportation, Mary Jess Hale, Marie Allen, Charlotte Jamison Robinson, Marjorie Shell Allen, Patricia Shell Dishner, Ralph Kenneth Johnson, Linda Whitt, Sara K. Sluss, Wanda Wade Johnson, Lewis Eugene Cooper, Kelly Richard Cooper, Elizabeth Ann Falls, Betty Lee Lane, Sue Christine Myer, Mary Kinder, Donald Bruce Lowe, Gerald Wayne Lowe, Mike Stumpp, Harold Crockett Cordle, Mia Amanda Gardner, Jamie Bailey, Mark Lake, Tresa Mawk, James Britton Allen, and Kit Talbot are the gas claimant in Tract(s) portion of 1E, 1H, portion of 1I, portion of 1K, portion of 1L, portion of 1P, 1R, 1S, 1T, 1U, 1V, 1Y, & portion of 1Z. As such Ira L Strouth, Commonwealth of VA Dept of Transportation, Mary Jess Hale, Marie Allen, Charlotte Jamison Robinson, Marjorie Shell Allen, Patricia Shell Dishner, Ralph Kenneth Johnson, Linda Whitt, Sara K. Sluss, Wanda Wade Johnson, Lewis Eugene Cooper, Kelly Richard Cooper, Elizabeth Ann Falls, Betty Lee Lane, Sue Christine Myer, Mary Kinder, Donald Bruce Lowe, Gerald Wayne Lowe, Mike Stumpp, Harold Crockett Cordle, Mia Amanda Gardner, Jamie Bailey, Mark Lake, Tresa Mawk, James Britton Allen, and Kit Talbot 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.

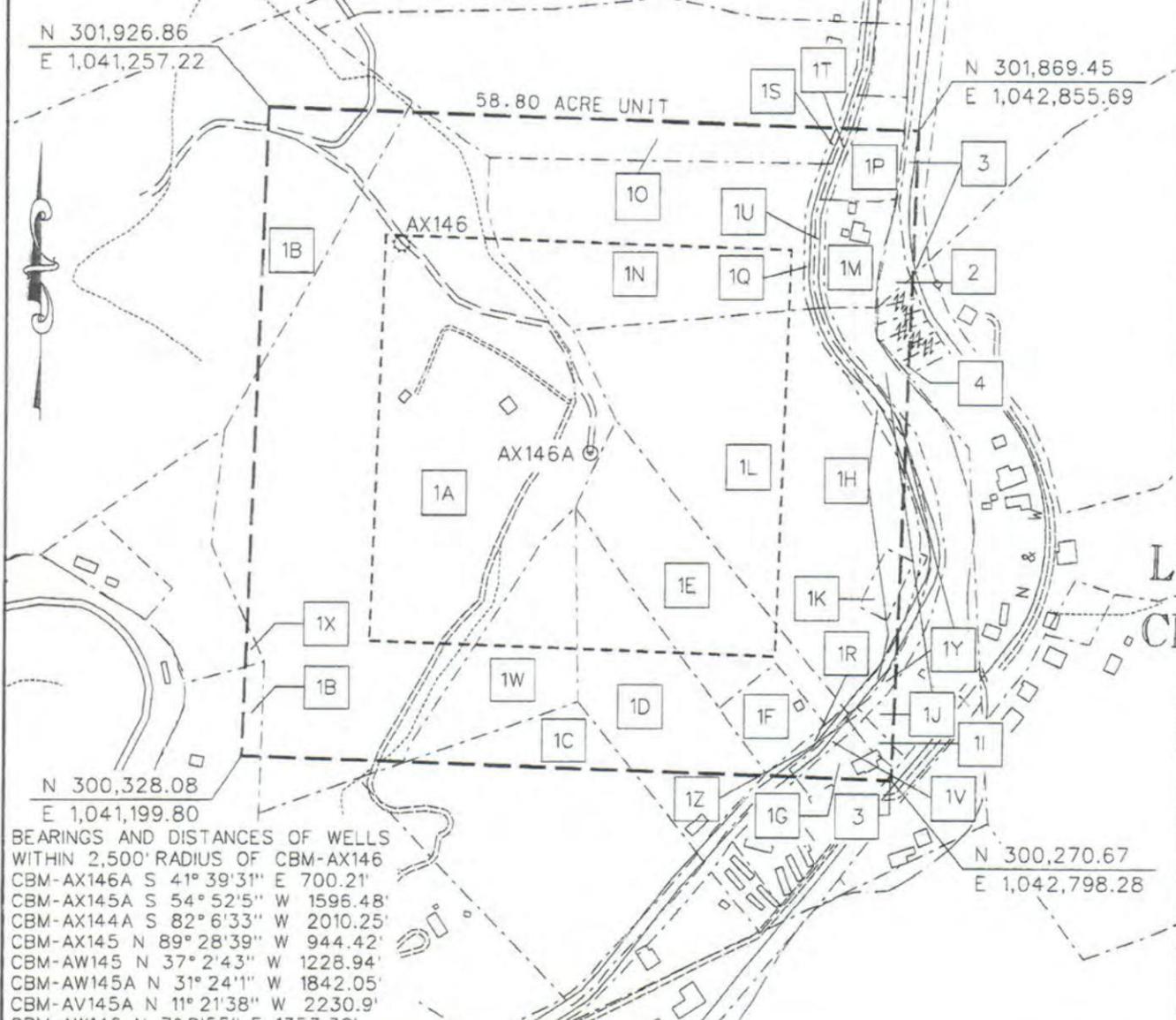
e. That an Exhibit identified as Table 1 is annexed hereto, and it specifies how the disbursement (s) is to be calculated and paid by the escrow agent.

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 Ira L Strouth, Commonwealth of VA Dept of Transportation, Mary Jess Hale, Marie Allen, Charlotte Jamison Robinson, Marjorie Shell Allen, Patricia Shell Dishner, Ralph Kenneth Johnson, Linda Whitt, Sara K. Sluss, Wanda Wade Johnson, Lewis Eugene Cooper, Kelly Richard Cooper, Elizabeth Ann Falls, Betty Lee Lane, Sue Christine Myer, Mary Kinder, Donald Bruce Lowe, Gerald Wayne Lowe, Mike Stumpp, Harold Crockett Cordle, Mia Amanda Gardner, Jamie Bailey, Mark Lake, Tresa Mawk, James Britton Allen, and Kit Talbot 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 plot 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.



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 1253.30'

○ 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=A010  
 980000013B4DEE1AFB000057FD  
 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  
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)  
0.11 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%

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**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%

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Exhibit E  
Unit AX-146  
Docket VGOB #13-1217-4028-03  
List of Owners/Claimants requiring Escrow  
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
<b>Tract #1C - 1.07 acres</b>		
<b>COAL OWNERSHIP</b>		
(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 &amp; Gas Deed to Penn Virginia Oil &amp; Gas Corporation on April 1, 2000, recorded in Buchanan County under DB508 / PG99</i></p> <p>Penn Virginia Oil &amp; Gas Corporation</p> <p><i>Effective January 1, 2012, Penn Virginia Oil &amp; 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 Commiussion 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) Coronado IV LLC <i>(Coal in P3 Seam only) **</i> 57 Danbury Road Wilton, CT 06897	1.07 acres	
<b>Escrow due to Title conflict</b>		
<b>OIL &amp; GAS OWNERSHIP</b>		
(1) Commonwealth of Virginia Department of Transportation 2111 Bonham Road Bristol, VA 24201-2019	1.07 acres	1.8197%
<b>OR</b>		

Exhibit E  
Unit AX-146  
Docket VGOB #13-1217-4028-03  
List of Owners/Claimants requiring Escrow  
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
(1) Buchanan Supply, Inc. 3436 N 71 Lebanon, VA 24266	1.07 acres	1.8197%
	Acres Percent	1.07 1.8197%

Tract #1D - 3.20 acres

**COAL OWNERSHIP**

- (1) Southern Region Industrial Realty Corp. *(Coal except P3 Seam)* 3.20 acres 5.4422% *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.)*

- (2) Coronado IV LLC *(Coal in P3 Seam only) \*\** 3.20 acres  
57 Danbury Road  
Wilton, CT 06897

Exhibit E  
Unit AX-146  
Docket VGOB #13-1217-4028-03  
List of Owners/Claimants requiring Escrow  
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
<b><u>OIL &amp; GAS OWNERSHIP</u></b>		
<i>Heirship Pending</i>		
(1) Delbert Dye Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	3.20 acres	5.4422%
	Acres Percent	3.20 5.4422%
<b><u>Tract #1E - 3.65 acres</u></b>		
<b><u>COAL OWNERSHIP</u></b>		
(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>Dismissed under (02) petition</i>
<i>Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil &amp; Gas Deed to Penn Virginia Oil &amp; 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 &amp; 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*		
PO Box 829794 Philadelphia, PA 19182		
White Wolf Energy, Inc. *		
1 City Place Drive, Suite 300 Saint Louis, MO 63141 <i>(previously Anker Virginia Mining Company, Inc.)</i>		
(2) Coronado IV LLC <i>(Coal in P3 Seam only) **</i> 57 Danbury Road Wilton, CT 06897	3.65 acres	
<b><u>OIL &amp; GAS OWNERSHIP</u></b>		
(1) Ira Strouth, et al <i>(previously Ruth Strouth Heirs)</i>	3.65 acres	6.2075%
<i>Outstanding W-9/Affidavit</i>		
(a) Edwina S. Crawford 761 Jewell Ridge Road Richlands, VA 24641	1.83 acres 1/2 of 3.65 acres	3.1037%
	Acres Percent	1.83 3.1037%
<b><u>Tract #1F - 0.84 acres</u></b>		
<b><u>COAL OWNERSHIP</u></b>		
(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% <i>Dismissed under (02) petition</i>

Exhibit E  
Unit AX-146  
Docket VGOB #13-1217-4028-03  
List of Owners/Claimants requiring Escrow  
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
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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 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)	Coronado IV LLC <i>(Coal in P3 Seam only) **</i> 57 Danbury Road Wilton, CT 06897	0.84 acres	
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**OIL & GAS OWNERSHIP**

*Outstanding W-9/Affidavits*

(1)	Edwinna & Michael Crawford 761 Jewell Ridge Road Richlands, VA 24641	0.84 acres	1.4286%
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Acres	0.84
Percent	1.4286%

**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>
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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 E  
Unit AX-146  
Docket VGOB #13-1217-4028-03  
List of Owners/Claimants requiring Escrow  
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
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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)	Coronado IV LLC <i>(Coal in P3 Seam only) **</i> 57 Danbury Road Wilton, CT 06897	0.12 acres
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**Outstanding W-9/Affidavits & Unresolved Heirship**

**OIL & GAS OWNERSHIP**

(1)	Levi Hickman Heirs, Deviseses, Successors or Assigns	0.12 acres	0.2041%
(a)	Susie P. Taylor Heirs, Deviseses, 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, Deviseses, Successors or Assigns		
(b.1)	Kelly Crigger Heirs, Deviseses, Successors or Assigns		
(b.1.5)	Hazel Crigger Lane Heirs, Deviseses, Successors or Assigns		
(b.1.5.2)	Mary Jane Minnich Heirs, Deviseses, Successors, or Assigns <i>(Documentation Pending)</i>	0.0015 acres 1/80 of 0.12 acres	0.0026%

Exhibit E  
Unit AX-146  
Docket VGOB #13-1217-4028-03  
List of Owners/Claimants requiring Escrow  
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
(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		
(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		

Exhibit E  
Unit AX-146  
Docket VGOB #13-1217-4028-03  
List of Owners/Claimants requiring Escrow  
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
(c.1.8.1.1) Louella Rebecca Shelton Heirs, Devises, 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, Devises, 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, Devises, Successors or Assigns		
(f.1) Bettie Jean Coats Heirs, Devises, Successors, or Assigns <i>(Documentation Pending)</i>	0.0150 acres 1/8 of 0.12 acres	0.0255%
(g) Hubert Britton Hickman Heirs, Devises, Successors or Assigns		
(g.1) Cora Alice Day Hickman Heirs	<i>Life estate extinguished</i>	
(g.1.2) Patsy Ruth Hickman Lake Heirs, Devises, 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, Devises, Successors, or Assigns <i>(Documentation Pending)</i>	0.0008 acres 1/144 of 0.12 acres	0.0014%
(g.1.3) Shirti Nell Hickman Allen Doyle Heirs, Devises, Successors or Assigns		
(g.1.3.1) James Doyle Heirs, Devises, Successors or Assigns		
(g.1.3.1.1) Chavalia 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, Devises, Successors or Assigns		
(h.1) Hal E. Bullen Heirs	<i>Life estate extinguished</i>	
(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		

Exhibit E  
Unit AX-146  
Docket VGOB #13-1217-4028-03  
List of Owners/Claimants requiring Escrow  
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
(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, Devisees, 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%
	<b>Acres Percent</b>	<b>0.0641 0.1090%</b>

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 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*

Exhibit E  
Unit AX-146  
Docket VGOB #13-1217-4028-03  
List of Owners/Claimants requiring Escrow  
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
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> 57 Danbury Road Wilton, CT 06897	0.24 acres	
<b>Outstanding W-9/Affidavits &amp; Unresolved Heirship</b>		
<b><u>OIL &amp; GAS OWNERSHIP</u></b>		
(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.1.1.1.1.1) 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		
(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%

Exhibit E  
Unit AX-146  
Docket VGOB #13-1217-4028-03  
List of Owners/Claimants requiring Escrow  
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
(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%
(g) Hubert Britton Hickman Heirs, Devisees, Successors or Assigns		
(g.1) Cora Alice Day Hickman Heirs	<i>Life estate extinguished</i>	

Exhibit E  
Unit AX-146  
Docket VGOB #13-1217-4028-03  
List of Owners/Claimants requiring Escrow  
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
(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 (Documentation Pending)	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) Chavalía 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%
	<b>Acres Percent</b>	<b>0.1282 0.2181%</b>

Tract #1L - 9.78 acres

COAL OWNERSHIP

(1) Southern Region Industrial Realty Corp. (Coal except P3 Seam) Tr. 12 (153.17 acre tract) Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701	9.78 acres	16.6327%	<i>Dismissed under (02) petition</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 E  
Unit AX-146  
Docket VGOB #13-1217-4028-03  
List of Owners/Claimants requiring Escrow  
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
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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) Coronado IV LLC <i>(Coal in P3 Seam only) **</i> 57 Danbury Road Wilton, CT 06897	9.78 acres	
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**OIL & GAS OWNERSHIP**

***W9 & Affidavit not received***

(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%

Acres	4.8900
Percent	8.3163%

**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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*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 E**  
**Unit AX-146**  
**Docket VGOB #13-1217-4028-03**  
**List of Owners/Claimants requiring Escrow**  
**(58.80 Acre Unit)**

	Net Acres in Unit	Interest in Unit
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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) Coronado IV LLC <i>(Coal in P3 Seam only) **</i> 57 Danbury Road Wilton, CT 06897	0.56 acres	
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**OIL & GAS OWNERSHIP**

(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		
(b.2.1.1) Patrick Crawford 1608 Old Lashmeet Rd Lashmeet, WV 24733	0.0062 acres 1/90 of 0.56 acres	0.0106%

Exhibit E  
Unit AX-146  
Docket VGOB #13-1217-4028-03  
List of Owners/Claimants requiring Escrow  
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
(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%
<i>**Interests for owners below inherited from Margaret M. Barnes &amp; Inez Zoe Meadows Church</i>		
(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		
(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%

Exhibit E  
Unit AX-146  
Docket VGOB #13-1217-4028-03  
List of Owners/Claimants requiring Escrow  
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
(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		
(i.3.3) Matt Augustine 246 S 75 W Farmington, UT 84025		

Exhibit E  
Unit AX-146  
Docket VGOB #13-1217-4028-03  
List of Owners/Claimants requiring Escrow  
**(58.80 Acre Unit)**

	Net Acres in Unit	Interest in Unit
(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 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) Coronado IV LLC *(Coal in P3 Seam only) \*\** 0.03 acres  
57 Danbury Road  
Wilton, CT 06897

Exhibit E  
Unit AX-146  
Docket VGOB #13-1217-4028-03  
List of Owners/Claimants requiring Escrow  
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
<b>OIL &amp; GAS OWNERSHIP</b>		
<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%
(a) Susie P. Taylor Heirs, Devises, 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, 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.1.3) 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	0.0000 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, Devises, 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, Devises, Successors or Assigns		
(b.1.5.2) Mary Jane Minnich Heirs, Devises, Successors, or Assigns <i>(Documentation Pending)</i>	0.0004 acres 1/80 of 0.03 acres	0.0006%
(b.1.6) Dorothy Frazier Heirs, Devises, Successors, or Assigns <i>(Documentation Pending)</i>	0.0008 acres 1/40 of 0.03 acres	0.0013%
(c) Martha Stump Heirs, Devises, Successors or Assigns		
(c.1) John M. Stump		<i>Life estate extinguished</i>

Exhibit E  
Unit AX-146  
Docket VGOB #13-1217-4028-03  
List of Owners/Claimants requiring Escrow  
(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit
(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		

Exhibit E  
Unit AX-146  
Docket VGOB #13-1217-4028-03  
List of Owners/Claimants requiring Escrow  
(58.80 Acre Unit)

	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  
Docket VGOB #13-1217-4028-03  
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%
	<b>Acres Percent</b>	<b>0.0192 0.0326%</b>

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  
Docket VGOB #13-1217-4028-03  
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	12.4735	
Percentage of Unit		21.2135%

Exhibit EE  
Unit AX-146  
Docket # VGOB 13-1217-4028-03  
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>Tract #1A - 20.99 acres</b>			
<b>COAL OWNERSHIP</b>			
(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 &amp; Gas Deed to Penn Virginia Oil &amp; 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 &amp; 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) Coronado IV LLC <i>(Coal in P3 Seam only) **</i> 57 Danbury Road Wilton, CT 06897			
<b>OIL &amp; GAS OWNERSHIP</b>			
(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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*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 13-1217-4028-03  
**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 &amp; 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)	Coronado IV LLC <i>(Coal in P3 Seam only) **</i> 57 Danbury Road Wilton, CT 06897	3.65 acres	

**OIL & GAS OWNERSHIP**

(1)	Ira Strouth, et al <i>(previously Ruth Strouth Heirs)</i>	3.65 acres	6.2075%	
(b)	Ira L. Strouth 227 Pinetree Drive North Tazewell, VA 24630	1.83 acres 1/2 of 3.65 acres	3.1037%	<b>8.8837%</b> <b>HB2058</b>
		<b>Acres</b> <b>Percent</b>	<b>1.83</b> <b>3.1037%</b>	

**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%	<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

**Exhibit EE**  
**Unit AX-146**  
**Docket # VGOB 13-1217-4028-03**  
**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, 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) Coronado IV LLC <i>(Coal in P3 Seam only) **</i> 57 Danbury Road Wilton, CT 06897			

**OIL & GAS OWNERSHIP**

(1) Norma Jean Wells Smith 620 Jewell Ridge Road Richlands, VA 24641	0.36 acres	0.6122%	<i>n/a</i>
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**Tract #1H - 0.39 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	0.39 acres	0.6633%	<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*

Exhibit EE  
Unit AX-146  
Docket # VGOB 13-1217-4028-03  
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
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) Coronado IV LLC <i>(Coal in P3 Seam only) **</i> 57 Danbury Road Wilton, CT 06897	0.39 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	0.39 acres	0.6633%	<b>1.8984%</b> <b>HB2058</b>
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Acres	0.39
Percent	0.6633%

**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>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 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.

Exhibit EE  
Unit AX-146  
Docket # VGOB 13-1217-4028-03  
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)	Coronado IV LLC <i>(Coal in P3 Seam only) **</i> 57 Danbury Road Wilton, CT 06897		
<b><u>OIL &amp; GAS OWNERSHIP</u></b>			
(1)	Levi Hickman Heirs, Devisees, Successors or Assigns	0.12 acres	0.2041%
	(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		
	(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%
	(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%
	(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	0.0001 acres 1/960 of 0.12 acres	0.0002%
	(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%
	(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%
	(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%
	(b.1.3.2) Ralph Kenneth Johnson 170 Par Place Abingdon, VA 24211	0.0005 acres 1/240 of 0.12 acres	0.0009%
	(b.1.3.3) Danny W. Johnson Heirs, Devisees, Successors, or Assigns <i>(Documentation Pending)</i>	0.0005 acres 1/240 of 0.12 acres	0.0009%

Exhibit EE  
Unit AX-146  
Docket # VGOB 13-1217-4028-03  
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%	0.0030% HB2058
(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			
(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

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(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
(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%	<i>n/a</i>
(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%	<i>n/a</i>
(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%	<i>n/a</i>
(c.1.5.1.5) Mike Stumpp PO Box 717 Richlands, VA 24641	0.0004 acres 1/320 of 0.12 acres	0.0006%	<i>n/a</i>
(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%	<i>n/a</i>
(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%	<i>n/a</i>
(c.1.6.4) Harold Crockett Cordle 20 Meadowlark Ln Spartanburg, SC 29306	0.0005 acres 1/256 of 0.12 acres	0.0008%	<i>n/a</i>
(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%	<i>n/a</i>
(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%	<i>n/a</i>
(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%	<i>n/a</i>
(g) Hubert Britton Hickman Heirs, Devises, Successors or Assigns			
(g.1) Cora Alice Day Hickman			<i>Life estate extinguished</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
(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%	0.0183% HB2058
(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	0.0008 acres 1/144 of 0.12 acres	0.0014%	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>	0.0075 acres 1/16 of 0.12 acres	0.0128%	n/a
	<b>Acres</b>	<b>0.0559</b>	
	<b>Percent</b>	<b>0.0950%</b>	

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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
<b><u>Tract #1J - 0.61 acres</u></b>			
<b><u>COAL OWNERSHIP</u></b>			
(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	0.61 acres	1.0374%	<i>n/a</i>
<i>Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil &amp; Gas Deed to Penn Virginia Oil &amp; 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 &amp; 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) Coronado IV LLC <i>(Coal in P3 Seam only) **</i> 57 Danbury Road Wilton, CT 06897			
<b><u>OIL &amp; GAS OWNERSHIP</u></b>			
(1) Glen Harold & Alice Frances Roberts 212 Bay Road Richlands, VA 24641	0.61 acres	1.0374%	<i>n/a</i>

**Tract #1K - 0.24 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	0.24 acres	0.4082%	<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 13-1217-4028-03

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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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*

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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*

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) Coronado IV LLC *(Coal in P3 Seam only) \*\**  
57 Danbury Road  
Wilton, CT 06897

**OIL & GAS OWNERSHIP**

(1) Levi Hickman Heirs, Devises, Successors or Assigns	0.24 acres	0.4082%	n/a
(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	0.0030 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, Devises, Successors or Assigns			
(b.1.3.1) Raymond H. Johnson Heirs, Devises, Successors, or Assigns			

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(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
(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
(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			

Exhibit EE  
Unit AX-146  
Docket # VGOB 13-1217-4028-03  
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.1.2.1) George Lafayette Vandyke Heirs, Deviseses, 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%	<i>n/a</i>
(c.1.3) Mary Alice Stump Vance Heirs, Deviseses, Successors or Assigns			
(c.1.3.1) Martha Louise Vance Pruett Heirs, Deviseses, 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%	<b>0.0061%</b> <b>HB2058</b>
(c.1.3.1.2) Mary Kinder 130 Gateway Dr Richlands, VA 24641	0.0013 acres 1/192 of 0.24 acres	0.0021%	<i>n/a</i>
(c.1.4) Fannie Ellen Lowe Heirs, Deviseses, 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%	<i>n/a</i>
(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%	<i>n/a</i>
(c.1.4.3) Janice Carol Moore Heirs, Deviseses, Successors, or Assigns <i>(Documentation Pending)</i>	0.0013 acres 1/192 of 0.24 acres	0.0021%	<i>n/a</i>
(c.1.5) James I. Stumpp Heirs, Deviseses, Successors or Assigns			
(c.1.5.1.2) John D. Stumpp Heirs, Deviseses, Successors or Assigns			
(c.1.5.1.2.1) Shelby Ruth Stumpp Heirs, Deviseses, Successors, or Assigns <i>(Documentation Pending)</i>	0.0008 acres 1/320 of 0.24 acres	0.0013%	<i>n/a</i>
(c.1.5.1.5) Mike Stumpp PO Box 717 Richlands, VA 24641	0.0008 acres 1/320 of 0.24 acres	0.0013%	<i>n/a</i>
(c.1.6) Zola Stumpp Heirs, Deviseses, 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%	<i>n/a</i>
(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, Deviseses, Successors or Assigns			
(c.1.7.1) Lenita Jane Stumpp Heirs, Deviseses, Successors, or Assigns <i>(Documentation Pending)</i>	0.0038 acres 1/64 of 0.24 acres	0.0064%	<i>n/a</i>

Exhibit EE  
Unit AX-146  
Docket # VGOB 13-1217-4028-03  
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.1.8) 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	0.0019 acres 1/128 of 0.24 acres	0.0032%	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	0.0300 acres 1/8 of 0.24 acres	0.0510%	n/a
(g) Hubert Britton Hickman Heirs, Devises, Successors or Assigns			
(g.1) Cora Alice Day Hickman	<i>Life estate extinguished</i>		
(g.1.1) James Hubert Hickman Heirs, Devises, Successors or Assigns			
(g.1.1.1) Jeanne B. Hickman Heirs, Devises, 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%	n/a
(g.1.2) Patsy Ruth Hickman Lake Heirs, Devises, Successors or Assigns			
(g.1.2.1) Homer S. Lake, Jr. Heirs, Devises, Successors, or Assigns <i>(Documentation Pending)</i>	0.0025 acres 1/96 of 0.24 acres	0.0043%	n/a
(g.1.2.3) Mark Lake 6420 Trailhead Circle Knoxville, TN 37920	0.0017 acres 1/144 of 0.24 acres	0.0028%	n/a
(g.1.3) Shirli Nell Hickman Allen Doyle Heirs, Devises, Successors or Assigns			
(g.1.3.1) James Doyle Heirs, Devises, Successors or Assigns			
(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%	0.0365% HB2058
(h) Cora J. Bullen Heirs, Devises, Successors or Assigns			
(h.1) Hal E. Bullen Heirs	<i>Life estate extinguished</i>		

Exhibit EE  
Unit AX-146  
Docket # VGOB 13-1217-4028-03  
**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.1.1) 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.1.1.1.2) Caren Catron Cruickshank Heirs, Devises, 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, Devises, Successors or Assigns			
(h.1.2.1) James Neal Watts Heirs, Devises Successors, or Assigns <i>(Documentation Pending)</i>	0.0150 acres 1/16 of 0.24 acres	0.0255%	n/a
	<b>Acres 0.1118</b>		
	<b>Percent 0.1901%</b>		

**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*

*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*

Exhibit EE  
Unit AX-146  
Docket # VGOB 13-1217-4028-03  
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 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> 57 Danbury Road Wilton, CT 06897	9.78 acres		
<b><u>OIL &amp; GAS OWNERSHIP</u></b>			
(1) Ira Strouth, et al <i>(previously Ruth Strouth Heirs)</i>	9.78 acres	16.6327%	
(b) Ira L. Strouth 227 Pinetree Drive North Tazewell, VA 24630	4.89 acres 1/2 of 9.78 acres	8.3163%	<b>23.8035%</b> <b>HB2058</b>
	<b>Acres</b> <b>Percent</b>	<b>4.8900</b> <b>8.3163%</b>	

**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>
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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 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.)*

Exhibit EE  
Unit AX-146  
Docket # VGOB 13-1217-4028-03  
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) CNX RCPC LLC <i>(Coal in P3 Seam only) **</i> 3337 Contrary Creek Rd Raven, VA 24639			

**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 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) Coronado IV LLC <i>(Coal in P3 Seam only) **</i> 57 Danbury Road Wilton, CT 06897			
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**OIL & GAS OWNERSHIP**

(1) Patricia Louise Allen 2044 Emoriland Blvd Knoxville, TN 37917	6.55 acres	11.1395%	<i>n/a</i>
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Exhibit EE  
Unit AX-146  
Docket # VGOB 13-1217-4028-03  
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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**Tract #10 - 2.08 acres**

**COAL OWNERSHIP**

- |   |            |         |            |
|---|------------|---------|------------|
| <p>(1) Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i><br/> <i>Tr. 12 (153.17 acre tract)</i><br/> Pocahontas Land Corporation, Agent<br/> P. O. Box 1517<br/> Bluefield, WV 24701</p> | 2.08 acres | 3.5374% | <i>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*

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.)*

- |  |  |  |  |
|--|--|--|--|
| <p>(2) Coronado IV LLC <i>(Coal in P3 Seam only) **</i><br/> 57 Danbury Road<br/> Wilton, CT 06897</p> |  |  |  |
|--|--|--|--|

**OIL & GAS OWNERSHIP**

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

**Tract #1P - 0.56 acres**

**COAL OWNERSHIP**

- |   |            |         |            |
|---|------------|---------|------------|
| <p>(1) Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i><br/> <i>Tr. 12 (153.17 acre tract)</i><br/> Pocahontas Land Corporation, Agent<br/> P. O. Box 1517<br/> Bluefield, WV 24701</p> | 0.56 acres | 0.9524% | <i>n/a</i> |
|---|------------|---------|------------|

Exhibit EE  
Unit AX-146

Docket # VGOB 13-1217-4028-03

**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>Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil &amp; Gas Deed to Penn Virginia Oil &amp; 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 &amp; 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) Coronado IV LLC <i>(Coal in P3 Seam only) **</i> 57 Danbury Road Wilton, CT 06897			
<b>OIL &amp; GAS OWNERSHIP</b>			
(1) Dewey Meadows Heirs, Devisees, Successors or Assigns	0.56 acres	0.9524%	
(a) Neva Pearl Lawson Heirs, Devisees, Successors or Assigns			
(a.1) Charles G. Lawson 1885 Ames Circle E Chesapeake, VA 23321	0.0622 acres 1/9 of 0.56 acres	0.1058%	<i>n/a</i>
(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%	<i>n/a</i>
(b.2.1.3) Melody Rehm 491 Kegley Trestle Rd. Princeton, WV 24740	0.0062 acres 1/90 of 0.56 acres	0.0106%	<i>n/a</i>
(b.2.1.5) Srene Crawford Lokay PO Box 43 Athens, WV 24712	0.0062 acres 1/90 of 0.56 acres	0.0106%	<i>n/a</i>

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
(b.2.1.6) Jody Justin Crawford	<i>deceased - no issue - interest to siblings</i>		
(c) John R. Meadows Heirs, Devisees, Successors or Assigns	<i>Pre-deceased Dewey Meadows</i>		
(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%	<i>n/a</i>
(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%	<i>n/a</i>
(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%	<i>n/a</i>
(c.2.4) Timothy Lowe 1220 Cresthaven Dr Roseville, CA 95678	0.0062 acres 1/90 of 0.56 acres	0.0106%	<i>n/a</i>
(d) James Arch Meadows Heir, Devisees, Successors or Assigns	<i>Pre-deceased Dewey Meadows</i>		
(d.1) Virginia Hoffecker Heirs, Devisees, Successors or Assigns			
(d.1.1) George Hoffecker Heirs, Devisees, Successors or Assigns			
(d.1.1.2) Robert Hoffecker 337 Lake Como Cir Smyrna, DE 19977	0.0156 acres 1/36 of 0.56 acres	0.0265%	<i>n/a</i>
(e) Mamie Napier Heirs, Devisees, Successors or Assigns	<i>Pre-deceased Dewey Meadows</i>		
(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 <i>(documentation pending)</i>	0.0207 acres 1/27 of 0.56 acres	0.0353%	<i>n/a</i>
(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%	<i>n/a</i>
(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%	<i>n/a</i>
(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 &amp; 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%	<i>n/a</i>
(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%	<i>n/a</i>

Exhibit EE  
Unit AX-146  
Docket # VGOB 13-1217-4028-03  
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
(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 (interest to f.2 to f.5)			
(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%	0.1010% HB2058
(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
(i.5) Dolores Stinson 290 Yorktown Pl Apt A4 Vermillion, OH 44089	0.0075 acres 4/297 of 0.56 acres	0.0128%	n/a
(i.6) Dana Carlisle 1555 Oxford Court Gallatin, TN 37066	0.0075 acres 4/297 of 0.56 acres	0.0128%	n/a
(i.7) Judith Meadows Hooker 354 Turkey Creek Alachua, FL 32615	0.0075 acres 4/297 of 0.56 acres	0.0128%	n/a
	<b>Acres 0.3730</b>		
	<b>Percent 0.6343%</b>		

Tract #1Q - 0.21 acres

**COAL OWNERSHIP**

(1) Southern Region Industrial Realty Corp. (Coal except P3 Seam) Tr. 12 (153.17 acre tract) Pocahontas Land Corporation, Agent P. O. Box 1517 Bluefield, WV 24701	0.21 acres	0.3571%	n/a
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Exhibit EE  
Unit AX-146  
Docket # VGOB 13-1217-4028-03  
**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>Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil &amp; Gas Deed to Penn Virginia Oil &amp; 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 &amp; 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) Coronado IV LLC <i>(Coal in P3 Seam only) **</i> 57 Danbury Road Wilton, CT 06897			

**OIL & GAS OWNERSHIP**

(1) Patricia Louise Allen 2044 Emoriland Blvd Knoxville, TN 37917	0.21 acres	0.3571%	<i>n/a</i>
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**Tract #1R - 0.16 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	0.16 acres	0.2721%	<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*

Exhibit EE  
Unit AX-146

Docket # VGOB 13-1217-4028-03

**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
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) Coronado IV LLC <i>(Coal in P3 Seam only) **</i> 57 Danbury Road Wilton, CT 06897	0.16 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	0.16 acres	0.2721%	<b>0.7788%</b> <b>HB2058</b>
	<b>Acres 0.1600</b>		
	<b>Percent 0.2721%</b>		

**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>
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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 13-1217-4028-03

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><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>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>			
<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) Coronado IV LLC <i>(Coal in P3 Seam only) **</i>	0.06 acres		
<p>57 Danbury Road Wilton, CT 06897</p>			

**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	0.06 acres	0.1020%	<b>0.2921%</b> <b>HB2058</b>
	<b>Acres</b> <b>Percent</b>	<b>0.0600</b> <b>0.1020%</b>	

**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>
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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*

Exhibit EE  
Unit AX-146  
Docket # VGOB 13-1217-4028-03  
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>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>			
<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>			
(2) Coronado IV LLC <i>(Coal in P3 Seam only) **</i>	0.11 acres		
57 Danbury Road Wilton, CT 06897			

**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%	<b>0.5355%</b> <b>HB2058</b>
	Acres Percent	0.1100 0.1871%	

**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>
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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 13-1217-4028-03

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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*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) | Coronado IV LLC <i>(Coal in P3 Seam only) **</i><br>57 Danbury Road<br>Wilton, CT 06897 | 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<br>Department of Transportation<br>2111 Bonham Road<br>Bristol, VA 24201-2019 | 0.15 acres | 0.2551% | <b>0.7302%</b><br><b>HB2058</b> |
|-----|--|------------|---------|---------------------------------|

Acres 0.1500  
Percent 0.2551%

**Tract #1V - 0.13 acres**

**COAL OWNERSHIP**

- |     |  |            |         |            |
|-----|--|------------|---------|------------|
| (1) | Southern Region Industrial Realty Corp. <i>(Coal except P3 Seam)</i><br><i>Tr. 12 (153.17 acre tract)</i><br>Pocahontas Land Corporation, Agent<br>P. O. Box 1517<br>Bluefield, WV 24701 | 0.13 acres | 0.2211% | <i>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*

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

*\*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*

Exhibit EE  
Unit AX-146  
Docket # VGOB 13-1217-4028-03  
**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 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> 57 Danbury Road Wilton, CT 06897	0.13 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	0.13 acres	0.2211%	<b>0.6328%</b> <b>HB2058</b>
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Acres	0.1300
Percent	0.2211%

**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>
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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.

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

Exhibit EE  
Unit AX-146  
Docket # VGOB 13-1217-4028-03  
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) Coronado IV LLC <i>(Coal in P3 Seam only) **</i> 57 Danbury Road Wilton, CT 06897			

**OIL & GAS OWNERSHIP**

(1) Ivory I. Brown PO Box 622 Richlands, VA 24641	2.66 acres	4.5238%	<i>n/a</i>
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**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*

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 Commiussion 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) Coronado IV LLC <i>(Coal in P3 Seam only) **</i> 57 Danbury Road Wilton, CT 06897			
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**OIL & GAS OWNERSHIP**

(1) Ivory I. Brown PO Box 622 Richlands, VA 24641	0.05 acres	0.0850%	<i>n/a</i>
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Exhibit EE  
Unit AX-146  
Docket # VGOB 13-1217-4028-03  
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>Tract #1Y - 0.31 acres</u>			
<b>COAL OWNERSHIP</b>			
(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	0.31 acres	0.5272%	n/a
<i>Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil &amp; Gas Deed to Penn Virginia Oil &amp; 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 &amp; 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 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) Coronado IV LLC <i>(Coal in P3 Seam only) **</i> 57 Danbury Road Wilton, CT 06897	0.31 acres		
<b>OIL &amp; GAS OWNERSHIP</b>			
<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	0.31 acres	0.5272%	<b>1.5090%</b> <b>HB2058</b>
	Acres Percent	0.3100 0.5272%	

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(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
<b>Tract #1Z - 0.03 acres</b>			
<b>COAL OWNERSHIP</b>			
(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>
<i>Southern Region Industrial Realty Corp. conveyed all rights, title and interest by Special Warranty Oil &amp; Gas Deed to Penn Virginia Oil &amp; 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 &amp; 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) Coronado IV LLC <i>(Coal in P3 Seam only) **</i> 57 Danbury Road Wilton, CT 06897	0.03 acres		
<b>OIL &amp; GAS OWNERSHIP</b>			
<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, Devisees, Successors or Assigns	0.03 acres	0.0510%	
(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.1.2) Gertrude C. Shell Heirs, Devisees, Successors or Assigns			

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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
(b.1.2.1) Marjorie Shell Allen 2044 Wilson Mill Road Lindside, WV 24951	0.0004 acres 1/80 of 0.03 acres	0.0006%	0.0018% HB2058
(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%	0.0018% HB2058
(b.1.3) Mary Margaret Johnson Heirs, Deviseses, 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%	0.0006% HB2058
(b.1.3.4) Linda Whitt 9632 Sliding Hill Rd Ashland, VA 23005	0.0001 acres 1/240 of 0.03 acres	0.0002%	0.0006% HB2058
(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%	0.0006% HB2058
(b.1.3.6) Wanda Wade 2350 Mayfair Dr Cumming, GA 30040	0.0001 acres 1/240 of 0.03 acres	0.0002%	0.0006% HB2058
(b.1.4) Annie Crigger Cooper Heirs, Deviseses, Successors or Assigns			
(b.1.4.1) John Lewis Cooper Heirs, Deviseses, 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%	0.0012% HB2058
(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%	0.0012% HB2058
(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%	0.0012% HB2058
(b.1.5) Hazel Crigger Lane Heirs, Deviseses, 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%	0.0018% HB2058
(c) Martha Stump Heirs, Deviseses, Successors or Assigns			
(c.1) John M. Stump	<i>Life estate extinguished</i>		
(c.1.2) Laura Vandyke Heirs, Deviseses, Successors or Assigns			
(c.1.2.1) George Lafayette Vandyke Heirs, Deviseses, 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%	0.0023% HB2058
(c.1.3) Mary Alice Stump Vance Heirs, Deviseses, Successors or Assigns			
(c.1.3.1) Martha Louise Vance Pruett Heirs, Deviseses, Successors or Assigns			

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(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
(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%	0.0008% HB2058
(c.1.3.1.2) Mary Kinder 130 Gateway Dr Richlands, VA 24641	0.0002 acres 1/192 of 0.03 acres	0.0003%	0.0008% HB2058
(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	0.0002 acres 1/192 of 0.03 acres	0.0003%	0.0008% HB2058
(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%	0.0008% HB2058
(c.1.5) James I. Stumpp Heirs, Devisees, Successors or Assigns			
(c.1.5.1) Frances Maye Stumpp	<i>Life estate extinguished</i>		
(c.1.5.1.5) Mike Stumpp PO Box 717 Richlands, VA 24641	0.0001 acres 1/320 of 0.03 acres	0.0002%	0.0005% HB2058
(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%	0.0006% HB2058
(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%	0.0006% HB2058
(c.1.6.4) Harold Crockett Cordle 20 Meadowlark Ln Spartanburg, SC 29306	0.0001 acres 1/256 of 0.03 acres	0.0002%	0.0006% HB2058
(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%	0.0011% HB2058
(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%	0.0183% HB2058
(g) Hubert Britton Hickman Heirs, Devisees, Successors or Assigns			

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(58.80 Acre Unit)

	Net Acres in Unit	Interest in Unit	Percent of Escrow
(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%	0.0046% HB2058
(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%	0.0010% HB2058
(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	0.0003 acres 1/96 of 0.03 acres	0.0005%	0.0015% HB2058
(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%	0.0015% HB2058
(g.1.4) Marie Allen 2044 Emoriland Blvd Knoxville, TN 37917	0.0009 acres 1/32 of 0.03 acres	0.0016%	0.0046% HB2058
(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%	0.0010% HB2058
	<b>Acres</b>	<b>0.0108</b>	
	<b>Percent</b>	<b>0.0184%</b>	

**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%	<i>n/a</i>
(a) Fay D. Spratt	<i>Life Estate extinguished</i>		
(a.1) Dillard Spratt Heirs, Devisees, Successors or Assigns			

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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
(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
<b><u>OIL &amp; GAS OWNERSHIP</u></b>			
(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
	Acres 0.0500 Percent 0.0850%		
	<b><u>TOTAL CONFLICTS RESOLVED</u></b>		
	Acres 43.0065 Percent 73.1402%		