



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Jim Justice, Governor
Austin Caperton, Cabinet Secretary
www.dep.wv.gov

PERMIT MODIFICATION APPROVAL
Horizontal 6A / Horizontal 6A Well - 1

NORTHEAST NATURAL ENERGY LLC
707 VIRGINIA STREET EAST
STE 1200
CHARLESTON, WV 25301

Re: Permit Modification Approval for FISHER 2H
47-061-01751-00-00

Adjusted Horizontal Well Bore

NORTHEAST NATURAL ENERGY LLC

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

Operator's Well Number: FISHER 2H
Farm Name: FISHER, AARON K.
U.S. WELL NUMBER: 47-061-01751-00-00
Horizontal 6A / Horizontal 6A Well - 1
Date Issued: 3/23/2017

Promoting a healthy environment.

03/24/2017

4706101751

WW-6B
(04/15)

API NO. 47-061 - 01751
OPERATOR WELL NO. Fisher 2H
Well Pad Name: Fisher

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator: Northeast Natural Energy LLC 494498281 Monongalia Clay Blacksville
Operator ID County District Quadrangle

2) Operator's Well Number: Fisher 2H Well Pad Name: Fisher

3) Farm Name/Surface Owner: Aaron K. Fisher Public Road Access: State Route 218 (Daybrook Road)

4) Elevation, current ground: 1453.04' Elevation, proposed post-construction: 1453.04'

5) Well Type (a) Gas Oil Underground Storage

Other _____

(b) If Gas Shallow Deep

Horizontal

6) Existing Pad: Yes or No Yes

MJK 3/17/2017

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):

Marcellus, 8,276.50' , 103' , 3,600 psi

8) Proposed Total Vertical Depth: 8,276.50'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 14,539.25'

11) Proposed Horizontal Leg Length: 5,814'

12) Approximate Fresh Water Strata Depths: 50' , 1,373'

13) Method to Determine Fresh Water Depths: Driller's Log from Offset Wells

14) Approximate Saltwater Depths: 1,969' , 2,619'

15) Approximate Coal Seam Depths: 819' , 1,371'

16) Approximate Depth to Possible Void (coal mine, karst, other): N/A

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes No

(a) If Yes, provide Mine Info: Name: Adjacent Mine - Federal No. 2
Depth: 1,100'
Seam: Pittsburgh
Owner: ERP Federal Mining Complex, LLC

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Office of Oil & Gas

MAR 22 2017

WW-6B
(04/15)

API NO. 47-061 - 01751
OPERATOR WELL NO. Fisher 2H
Well Pad Name: Fisher

18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	24"	New	NA	94.71	40'	40'	GTS
Fresh Water	13-3/8"	New	J-55	54.5	1,451'	1,428'	CTS
Coal							
Intermediate	9-5/8"	New	J-55	40	2,680'	2,650'	CTS
Production	5-1/2"	New	P-110	20	14,539.25'	14,509.25'	3,322 Cu. Ft.
Tubing	2-7/8"	New	N-80	6.5	NA	8,500'	NA
Liners							

MJR 3/17/2017

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	24"	30"	.375	415		4,500 psi Grout	NA
Fresh Water	13-3/8"	17 1/2"	.38"	2,760	2,000	Class A	1.23
Coal							
Intermediate	9-5/8"	12 1/4"	.395"	3,950	3,000	Class A	1.3
Production	5-1/2"	8 3/4"	.361"	12,530	9,700	50:50 Poz	1.21
Tubing	2-7/8"	NA	.217"	10,570	3,600	NA	NA
Liners							

PACKERS

Kind:				
Sizes:				
Depths Set:				

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Office of Oil & Gas

MAR 22 2017
Page 2 of 3

03/24/2017

WW-6B
(10/14)

API NO. 47-061 - 01751
OPERATOR WELL NO. Fisher 2H
Well Pad Name: Fisher

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Drilling and completion of a horizontal Marcellus well. The well will be drilled on air to an approximate depth of 6,625' TVD/MD. The well will then be horizontally drilled on synthetic based mud from the KOP to approximately 8,276.50' TVD / 14,539.25" MD along a combination of a 143, 137, and a 149 degree azimuth.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Multi-stage / high-rate slickwater fracture treatment using various size sands as proppant. First stage will be initiated via pressurization against a burst disc ran in the production casing string or perforated with coiled tubing. Subsequent stages will be perforated with pumped down guns ran on wireline. Individual stages will be isolated with composite frac plugs. Maximum pump rate during any stage will be 110 BPM with a maximum allowable surface pressure of 9,500 PSI. Composite bridge plugs will be set at the end of the last stage to isolate the treated formation.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): N/A

22) Area to be disturbed for well pad only, less access road (acres): N/A

23) Describe centralizer placement for each casing string:

Surface and intermediate casing strings will have bow spring centralizers placed every third joint (~120') from the shoe joint to surface. Production casing will have rigid body centralizers placed at a minimum of every fourth joint (~160') from TD to surface.

24) Describe all cement additives associated with each cement type:

Surface string cement will be a Class A + Max 3% bwoc Calcium Chloride Fresh Water blend.
Intermediate string cement will be a Class A Cement + Max 3% bwoc Calcium Chloride + Fresh Water.
Production string cement will be (50:50) Poz (Fly Ash):Type I Cement with a gas migration additive.

25) Proposed borehole conditioning procedures:

Surface string will use a 25.0 bbls Gel Pill + LCM + 25 lbs Cello Flake + 20 lbs/bbl Bentonite @ 8.4 ppg & 10 bbls fresh water spacer prior to cement. Intermediate string will use a 25.0 bbls Gel Pill + LCM + 25 lbs Cello Flake + 20 lbs/bbl Bentonite @ 8.4 ppg & 10 bbls fresh water spacer prior to cement. Production string will use a 50.0 bbls SealBond 25 + 1 gal/bbl US-40 + 275 lbs/bbl Barite + 1 gal/bbl SS-2 Spacer @ 13.5 ppg prior to cement.

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Office of Oil & Gas

*Note: Attach additional sheets as needed.

MAR 22 2017

Page 3 of 3

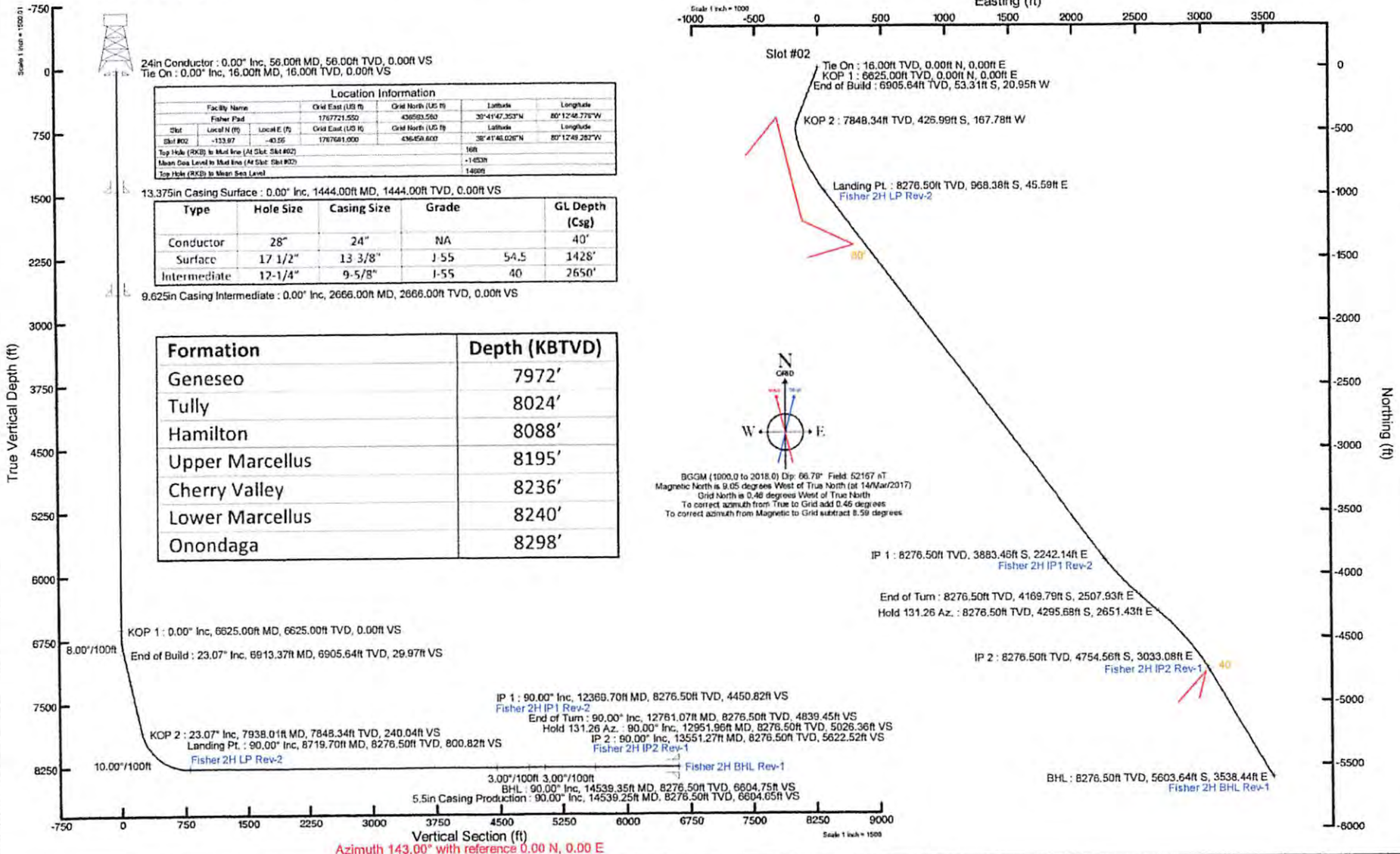
03/24/2017



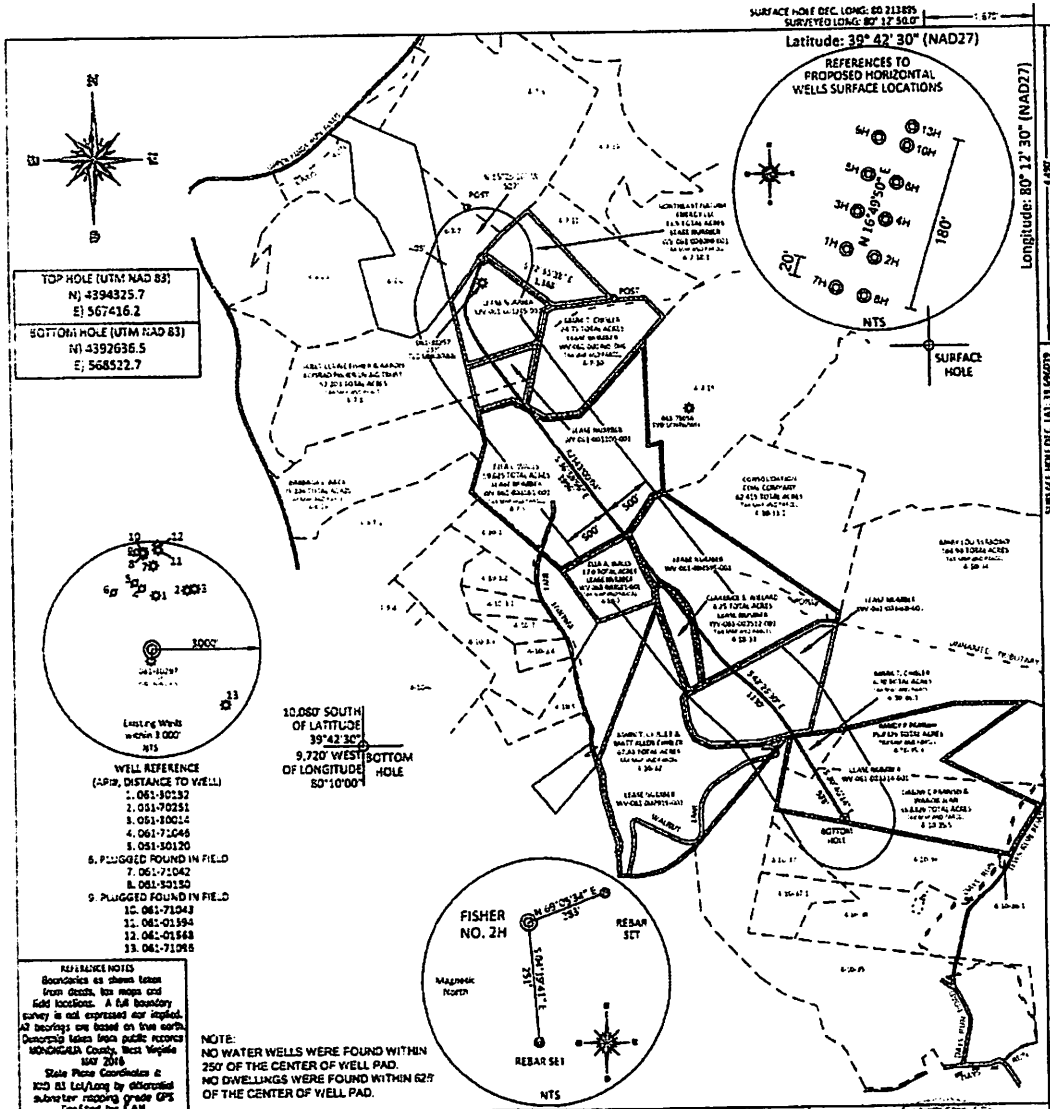
NORTHEAST NATURAL ENERGY, LLC

Location: Monongalia County, WV
 Field: Monongalia
 Facility: Fisher Pad

Slot: Slot #02
 Well: Fisher 2H
 Wellbore: Fisher 2H PWB

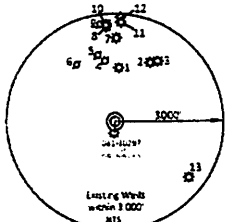


MSJK 3/17/2017



TOP HOLE (UTM NAD 83)
N: 4394325.7
E: 567416.2

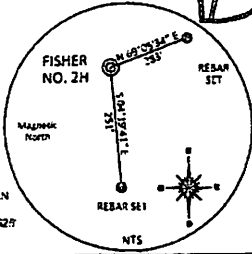
BOTTOM HOLE (UTM NAD 83)
N: 4392636.5
E: 568522.7



- WELL REFERENCE (API, DISTANCE TO WELL)
1. 061-30232
 2. 051-70231
 3. 051-30014
 4. 061-71046
 5. 051-30120
 6. PLUGGED FOUND IN FIELD
 7. 061-71042
 8. 061-30150
 9. PLUGGED FOUND IN FIELD
 10. 061-71043
 11. 061-01394
 12. 062-01668
 13. 061-71056

REFERENCE NOTES
Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Demographic taken from public records MONONGALIA County, West Virginia MAY 2014
State Plane Coordinates & 300 M UTM using by differential submeter mapping grade GPS created by LLS

NOTE:
NO WATER WELLS WERE FOUND WITHIN 250' OF THE CENTER OF WELL PAD.
NO DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF WELL PAD.



FILE #: NNE14

DRAWING #: 2384

SCALE: PLAN: 1" = 1400'
SECTION: 1" = 2000'

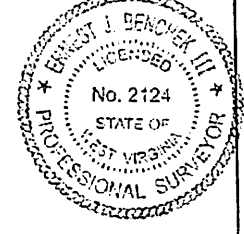
MINIMUM DEGREE OF ACCURACY: 1/200

PROVEN SOURCE OF ELEVATION: SUBMETER MAPPING GRADE GPS

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: [Signature]

L.L.S. #2124 : Ernest J. Benchek III



YJR
3/17/2017

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WYDEP

OFFICE OF OIL & GAS
681 57TH STREET
CHARLESTON, WV 25304

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: DUNKARD CREEK

COUNTY/DISTRICT: MONONGALIA / CLAY

SURFACE OWNER: AARON K. FISHER

OIL & GAS ROYALTY OWNER: HENRY P. AWES, III, ET AL

LEASE NUMBERS: _____

DATE: MARCH 16, 2017

OPERATOR'S WELL #: FISHER NO. 2H

API WELL #: 47 61
STATE COUNTY PERMIT

CURRENT ELEVATION: 1,453.04'

QUADRANGLE: BLACKSVILLE

ACREAGE: 52.203 +/-

ACREAGE: 562.9188 +/-

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION: MARCELLUS

ESTIMATED DEPTH: TVD: 8,276.50' TMD: 14,539.25'

WELL OPERATOR: NORTHEAST NATURAL ENERGY LLC

DESIGNATED AGENT: JOHN ADAMS

ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200

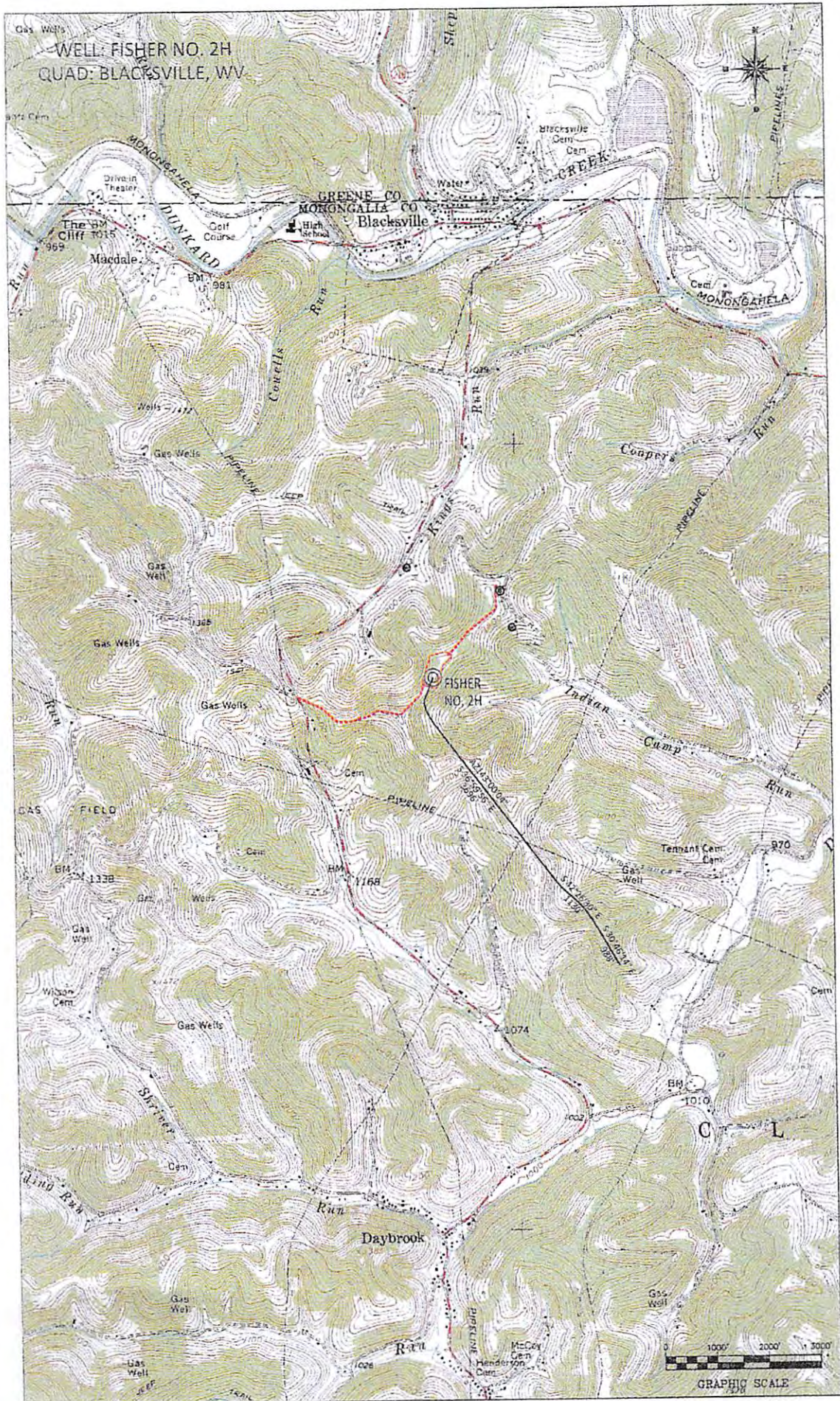
ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200

CITY: CHARLESTON STATE: WV ZIP CODE: 25301

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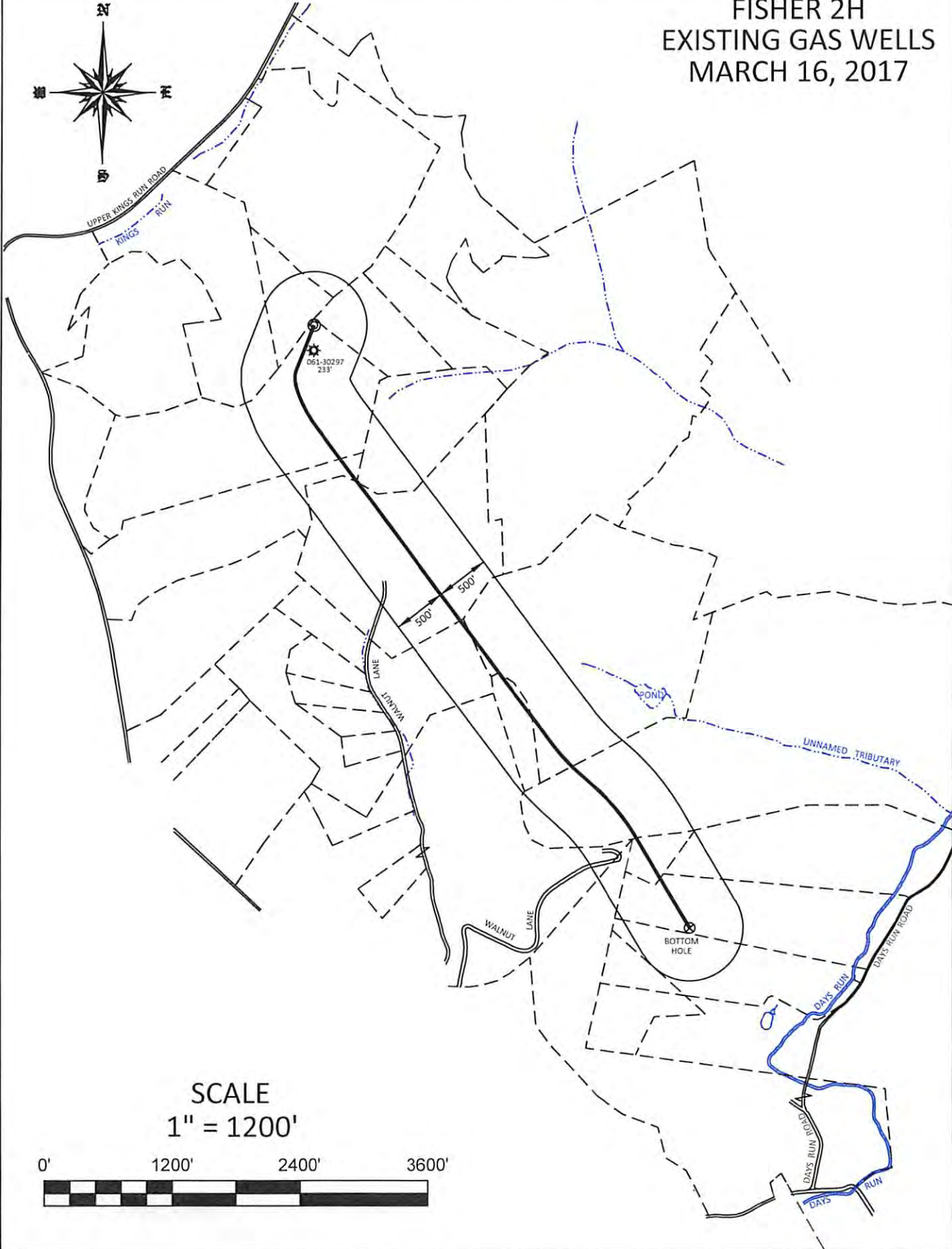
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03/24/2017



MGK
3/77/2017

FISHER 2H
EXISTING GAS WELLS
MARCH 16, 2017



SCALE
1" = 1200'



Fisher 2H Area of Review

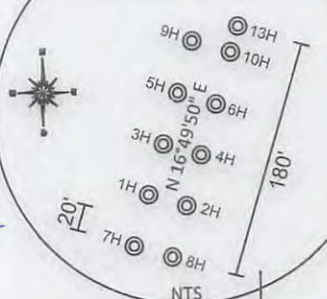
API Number	Well Name	Well Number	Operator	Latitude (NAD 27)	Longitude (NAD 27)	TMP	TVD	Producing Formation
47-061-302970000	R W SINE/LOU KENT SINE	1	HOPE NATURAL GAS COMPANY	39.69540	-80.21390	8-7-8	unknown	Pre 1929 No Records

SURFACE HOLE DEC. LONG: 80.213885
SURVEYED LONG: 80° 12' 50.0"

Latitude: 39° 42' 30" (NAD27)

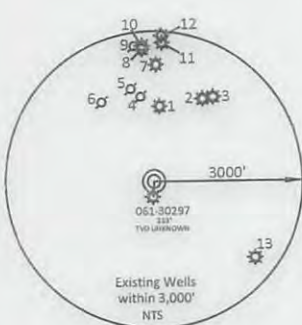
Longitude: 80° 12' 30" (NAD27)

REFERENCES TO PROPOSED HORIZONTAL WELLS SURFACE LOCATIONS



TOP HOLE (UTM NAD 83)
N) 4394325.7
E) 567416.2

BOTTOM HOLE (UTM NAD 83)
N) 4392636.5
E) 568522.7



- Existing Wells within 3,000' NTS
- WELL REFERENCE (API#, DISTANCE TO WELL)
- 061-30132
 - 061-70251
 - 061-30014
 - 061-71046
 - 061-30120
 - PLUGGED FOUND IN FIELD
 - 061-71042
 - 061-30130
 - PLUGGED FOUND IN FIELD
 - 061-71043
 - 061-01594
 - 061-01568
 - 061-71096

REFERENCE NOTES

Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records MONONGALIA County, West Virginia MAY 2016

State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS drafted by EAJL

NOTE:

NO WATER WELLS WERE FOUND WITHIN 250' OF THE CENTER OF WELL PAD.

NO DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF WELL PAD.



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DRAWING #: 2384

SCALE: PLAT: 1" = 1400'
TICK: 1" = 2000'

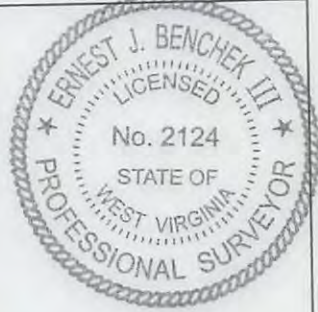
MINIMUM DEGREE OF ACCURACY: 1/200

PROVEN SOURCE OF ELEVATION: SUBMETER MAPPING GRADE GPS

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: [Signature]

L.L.S. #2124: Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WYDEP

OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304

Well Type: Oil Waste Diposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: DUNKARD CREEK

COUNTY/DISTRICT: MONONGALIA / CLAY

SURFACE OWNER: AARON K. FISHER

OIL & GAS ROYALTY OWNER: HENRY P. AMES, III, ET AL

LEASE NUMBERS: _____

TARGET FORMATION: MARCELLUS

WELL OPERATOR: NORTHEAST NATURAL ENERGY LLC

ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200

CITY: CHARLESTON STATE: WV ZIP CODE: 25301

DATE: MARCH 16, 2017

OPERATOR'S WELL #: FISHER NO. 2H

API WELL #: 47 61 01751 Mod

STATE COUNTY PERMIT

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CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

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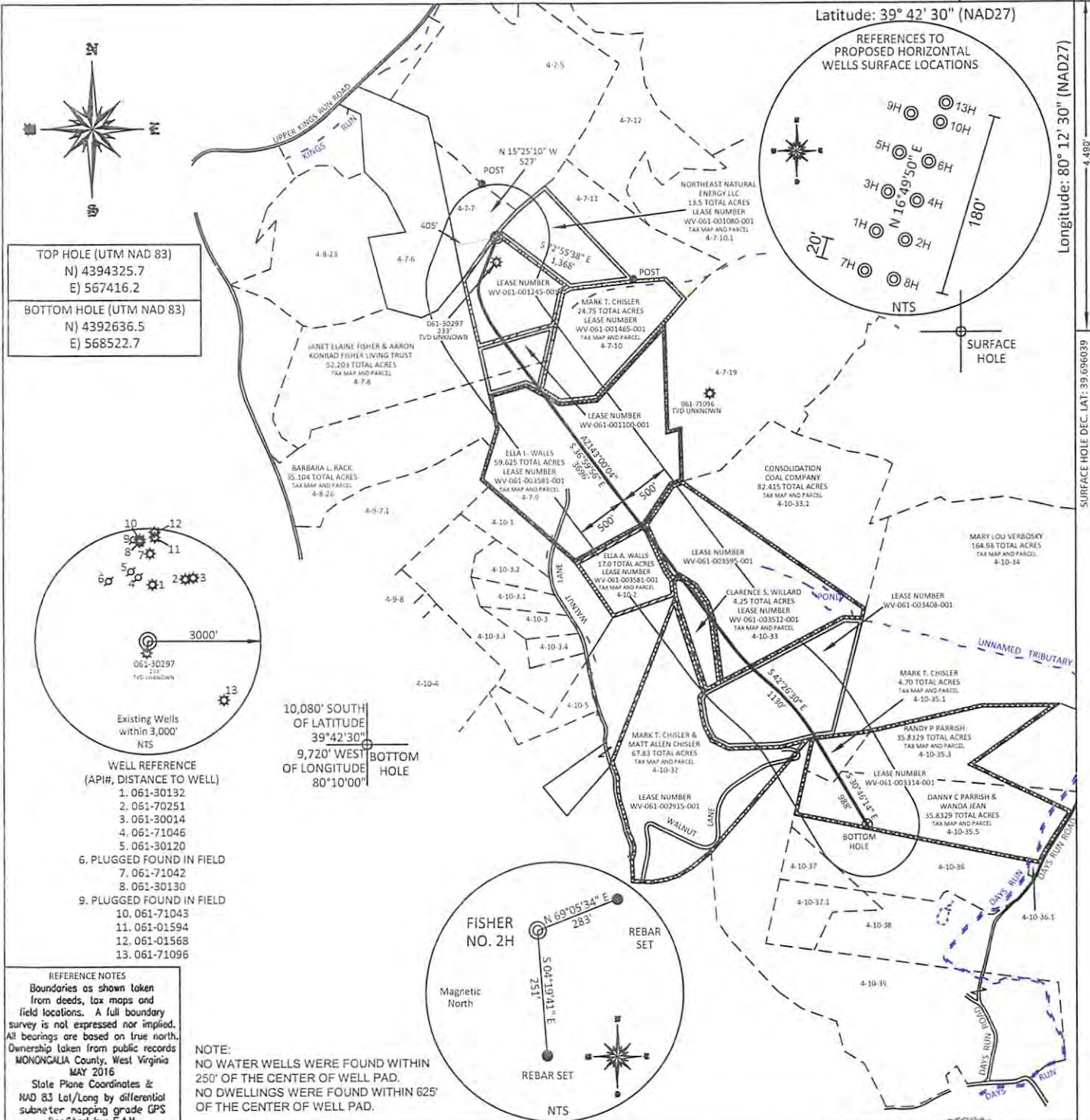
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03/24/2017

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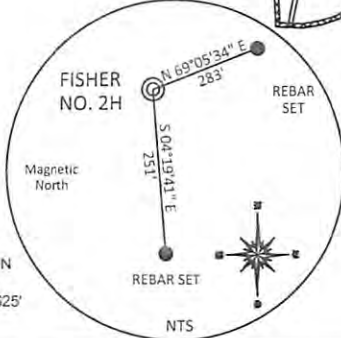
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Slate Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS
Drafted by: EAM

NOTE:
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NO DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF WELL PAD.



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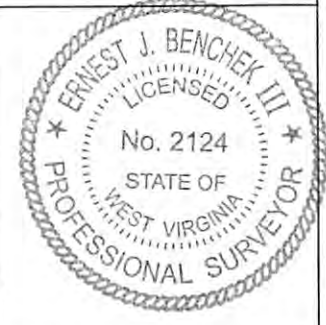
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DESIGNATED AGENT: JOHN ADAMS

ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200

CITY: CHARLESTON STATE: WV ZIP CODE: 25301

WW-6A1
(5/13)

Operator's Well No. Fisher 2H

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6A, Section 5(a)(5)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
See Attachment	See Attachment	See Attachment	See Attachment	See Attachment

**Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

**Received
Office of Oil & Gas
MAR 22 2017**

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: Northeast Natural Energy LLC
 By: Hollie M. Medley
 Its: Regulatory Coordinator

Operator's Well No.

Fisher 2H

NNE Lease No.	Lessor Name	Lessee Name	Royalty	Book/Page
WV-061-003333-001	PORTER, KENT MICHAEL	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1503/694
WV-061-003334-001	PORTER, KENT MICHAEL	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1503/694
WV-061-003524-001	O'DAY OIL LLC	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1523/780
WV-061-003524-002	BURT BARANKOVICH FAMILY MINERAL	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1529/835
WV-061-003581-001	BLESSING, TRACY	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1523/151
WV-061-003581-002	FERRELL, CARLA	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	524/441
WV-061-003581-003	WALLS, LINDA R.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1528/139
WV-061-003581-004	NORBERG, LOIS	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1528/115
WV-061-001127-001	AMES, HENRY P., III	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1359/671
WV-061-002534-001	SHUMAN INC.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1439/366
WV-061-001245-001	AMES, HENRY P. III	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1368/351
WV-061-002715-001	EDDY, LINDA	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/437
WV-061-002715-002	LEMLEY, DENZIL	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/443
WV-061-002715-003	BREWER, RAYMOND	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/729
WV-061-002715-004	SHULTZ, JAMES ROSS	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/502
WV-061-002715-005	MEYERS, DOLORES	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1426/147
WV-061-002715-006	SIGMAN, ARTIE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1427/363
WV-061-002715-007	BREWER, JAMES EUGENE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/717
WV-061-002715-008	FOX, JOHN PAUL	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/545
WV-061-002715-009	WILSON, DAVID L.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1426/114
WV-061-002715-010	WILSON, RICHARD N.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1426/111
WV-061-002715-011	LEMLEY, CAROL	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1426/293
WV-061-002715-012	REXRODE, CHARLOTTE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/287
WV-061-002715-013	MUTTER, MARY	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/525
WV-061-002715-014	FRANCE, SHIRLEY	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/723
WV-061-002715-015	HEADLEY, DONALD	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1426/135
WV-061-002715-016	STRANGE, BARBARA SUE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1426/782
WV-061-002715-017	HEADLEY, JAMES	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/699
WV-061-002715-018	JANES, JENNIE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/687
WV-061-002715-019	PERRY, NAOMI	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1426/141
WV-061-002715-020	HEADLEY, RICHARD	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/693
WV-061-002715-021	GORMAN, OLLIE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/705
WV-061-002715-022	MERCER, JOSEPH T.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1429/705
WV-061-002715-023	BROKAW, LORUMA B. AND DAVID L.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/705
WV-061-002715-024	JONES, DEBRA F.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/471
WV-061-002715-025	CRABTREE, JANET D.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1427/581
WV-061-002715-026	JONES, JOHN C. AND PAULINE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1427/575
WV-061-002715-027	JONES, ALBERTA R., ET AL	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1428/406
WV-061-002715-028	JONES, DAVID A.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1426/751
WV-061-002715-029	MALLERNEE, PATRICIA K.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1426/745
WV-061-002715-030	SIMPLICAN, CONNIE J.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/431
WV-061-002715-031	JONES, THOMAS D.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/425
WV-061-002715-032	YOST, LORETTA J.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1427/200
WV-061-002715-033	JONES, TRISHA	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1429/317
WV-061-002715-034	JONES, GARY C.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1426/739
WV-061-002715-035	HALL, MARY BREWER	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/711
WV-061-002715-036	WERNETTE, JEANNE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1427/700
WV-061-002715-037	JONES, STEVE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1429/311
WV-061-002715-038	EDDY, ALMEADA J.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1428/726
WV-061-002715-039	GEE, PAULINE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/519
WV-061-002715-040	HANDO, ANNE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1427/821
WV-061-002715-041	BONFILI, REBECCA	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1427/827
WV-061-002715-042	MERCER, FRED B. AND DORRIS	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1427/833
WV-061-002715-043	MERCER, DAVID	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1427/815
WV-061-002715-044	SUDER, HELEN L. AND MILFORD B.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1429/830
WV-061-002715-045	MERRIFIELD, THORNTON AND ALBERTA	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1428/442
WV-061-002715-046	HATFIELD, SALLY JO AND GERALD W.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1428/171
WV-061-002715-047	HAUGHT, MARK R. AND CYNTHIA	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1438/578
WV-061-002715-048	VUGRINE JONI L. AND JAMES V.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1442/535

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WV-061-002715-049	HAUGHT, ANDY LEE AND LISA E.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1445/115
WV-061-002715-050	PHILLIPS, THOMAS L.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1455/403
WV-061-002715-051	PHILLIPS, ANTHONY M.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1468/203
WV-061-002715-052	HATFIELD, SALLY JO AND GERALD W.	NORTHEAST NATURAL ENERGY LLC	DEED	1534/52
WV-061-003549-001	WILSON, DAVID L.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1525/214
WV-061-003549-002	JOHN PAUL FOX ESTATE	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1524/291
WV-061-003549-003	WILSON, RICHARD N.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1525/226
WV-061-003549-004	SUDER, HELEN L. AND MILFORD B.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1525/224
WV-061-001100-001	CUTRONE, RUTH ANN AND SAMUEL	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1379/140
WV-061-001100-002	MERCER, RICHARD A. AND FRANCES D.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1370/116
WV-061-001100-003	GORMAN, OLLIE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1369/674
WV-061-001100-004	MERCER, FRED	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1369/677
WV-061-001100-005	MERCER, VERNON D.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1369/680
WV-061-001100-006	MERCER, NOLAN C.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1369/683
WV-061-001100-007	JONES, DELMA J. MERCER	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1369/648
WV-061-001100-008	MERCER, ASA W. JR.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1370/511
WV-061-001100-009	KONOSKI, MIKE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1370/514
WV-061-001100-010	SCHIPONO, MARY E.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1370/517
WV-061-001100-011	MAXWELL, SHERRY E.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1376/113
WV-061-001100-012	MCCOY, LOIS J.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1404/235
WV-061-001112-001	MERCER, ROBERT AND LILA	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1374/511
WV-061-001112-002	JANES, ROBERT AND JENNIE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1374/502
WV-061-001112-003	HEADLEY, JIMMIE F. AND ELIZABETH	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1374/517
WV-061-001112-004	PERRY, JACK AND NAOMI	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1374/508
WV-061-001112-005	MERCER, ALBERT AND ALFRETTA	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1374/505
WV-061-001112-006	HEADLEY, DONALD R. AND GLENDORA M.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1374/514
WV-061-001117-000	RACK, BARBARA LOUISE	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1368/351
WV-061-002715-001	EDDY, LINDA	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/437
WV-061-002715-002	LEMLEY, DENZIL	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/443
WV-061-002715-003	BREWER, RAYMOND	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/729
WV-061-002715-004	SHULTZ, JAMES ROSS	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/502
WV-061-002715-005	MEYERS, DOLORES	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1426/147
WV-061-002715-006	SIGMAN, ARTIE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1427/363
WV-061-002715-007	BREWER, JAMES EUGENE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/717
WV-061-002715-008	FOX, JOHN PAUL	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/545
WV-061-002715-009	WILSON, DAVID L.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1426/114
WV-061-002715-010	WILSON, RICHARD N.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1426/111
WV-061-002715-011	LEMLEY, CAROL	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/293
WV-061-002715-012	REXROAD, CHARLOTTE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/287
WV-061-002715-013	MUTTER, MARY	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/525
WV-061-002715-014	FRANCE, SHIRLEY	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/723
WV-061-002715-015	HEADLEY, DONALD	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1426/135
WV-061-002715-016	STRANGE, BARBARA SUE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1426/782
WV-061-002715-017	HEADLEY, JAMES	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/699
WV-061-002715-018	JANES, JENNIE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/687
WV-061-002715-019	PERRY, NAOMI	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1426/141
WV-061-002715-020	HEADLEY, RICHARD	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/693
WV-061-002715-021	GORMAN, OLLIE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/705
WV-061-002715-022	MERCER, JOSEPH T.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1429/705
WV-061-002715-023	BROKAW, LORUMA B. AND DAVID L.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/705
WV-061-002715-024	JONES, DEBRA F.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/471
WV-061-002715-025	CRABTREE, JANET D.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1427/581
WV-061-002715-026	JONES, JOHN C. AND PAULINE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1427/575
WV-061-002715-027	JONES, ALBERTA R., ET AL	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1428/406
WV-061-002715-028	JONES, DAVID A.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1426/751
WV-061-002715-029	MALLERNEE, PATRICIA K.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1426/745
WV-061-002715-030	SIMPLICAN, CONNIE J.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/431
WV-061-002715-031	JONES, THOMAS D.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/425
WV-061-002715-032	YOST, LORETTA J.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1427/200
WV-061-002715-033	JONES, TRISHA	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1429/317
WV-061-002715-034	JONES, GARY C.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1426/739
WV-061-002715-035	HALL, MARY BREWER	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/711

WV-061-002715-036	WERNETTE, JEANNE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1427/700
WV-061-002715-037	JONES, STEVE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1429/311
WV-061-002715-038	EDDY, ALMEADEA J.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1428/726
WV-061-002715-039	GEE, PAULINE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1425/519
WV-061-002715-040	HANDO, ANNE	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1427/821
WV-061-002715-041	BONFILI, REBECCA	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1427/827
WV-061-002715-042	MERCER, FRED B. AND DORRIS	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1427/833
WV-061-002715-043	MERCER, DAVID	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1427/815
WV-061-002715-044	SUDER, HELEN L. AND MILFORD B.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1429/830
WV-061-002715-045	MERRIFIELD, THORNTON AND ALBERTA	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1428/442
WV-061-002715-046	HATFIELD, SALLY JO AND GERALD W.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1428/171
WV-061-002715-047	HAUGHT, MARK R. AND CYNTHIA	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1438/578
WV-061-002715-048	VUGRINEC, JONI L. AND JAMES V.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1442/535
WV-061-002715-049	HAUGHT, ANDY LEE AND LISA E.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1445/115
WV-061-002715-050	PHILLIPS, THOMAS L.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1455/403
WV-061-002715-051	PHILLIPS, ANTHONY M.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1468/203
WV-061-002715-052	HATFIELD, SALLY JO AND GERALD W.	NORTHEAST NATURAL ENERGY LLC	DEED	1534/52
WV-061-002800-001	WHARTON, JOSEPH THOMAS	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1434/228
WV-061-002800-002	LEMLEY, KYLE AND PAULA	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1431/436
WV-061-002800-003	CALVERT, CHARLES W.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1431/800
WV-061-003581-001	BLESSING, TRACY	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1523/151
WV-061-003581-002	FERRELL, CARLA	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	524/441
WV-061-003581-003	WALLS, LINDA R.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1528/139
WV-061-003581-004	NORBERG, LOIS	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1528/115
WV-061-001465-001	THOMAS, CHARLES L.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1379/174
WV-061-001465-002	THOMAS, HAZEL R.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1379/177
WV-061-001465-003	THOMAS, JAMES HENRY	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1379/180
WV-061-002916-001	CHISLER, MARK T. AND RITA	*WEST AUGUSTA RESOURCES LLC	0.125 OR GREATER	1402/624
WV-061-001080-001	ZASTROW, LORITA MARIE AND STEVE	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1500/135
WV-061-001080-002	HENRY, DOIS MAE	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1500/133
WV-061-001080-003	MAKIN, LINDA LORRAINE AND JAMES	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1500/137
WV-061-001080-004	HENRY, KEITH AND IDA	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1500/390
WV-061-001080-005	FULTZ, BETTY AND DANIEL	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1500/266
WV-061-001080-006	SINE, ERNEST LEROY	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1500/268
WV-061-001080-007	HADLEY, RONALD E.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1505/163
WV-061-001080-008	SINE, MARY ANN	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1505/155
WV-061-001080-009	COLLINS, JOANN	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1505/379
WV-061-001080-010	LENTZ, SUSAN RANAE	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1507/395
WV-061-001080-011	SINE, DOROTHY	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1507/271
WV-061-001080-012	SINE, LARRY	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1506/706
WV-061-001080-013	PIRIE, MARY	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1506/775
WV-061-001080-014	SINE, PHILIP	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1506/770
WV-061-001080-015	MILLER, PERRY WILLIAM JR. AN SHIRLEY	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1509/244
WV-061-001080-016	SINE, SUSAN J.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1508/620
WV-061-001080-017	HOUCHIN, BEVERLY A.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1508/618
WV-061-001080-018	MILLER, PHILLIP EUGENE	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1506/762
WV-061-001080-019	PENHERWOOD, ROSEMARY GAE AND DOUGLAS	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1510/95
WV-061-001080-020	HENRY, NANCY JANE	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1516/766
WV-061-001080-021	COLLINS, DARRELL ROY	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1510/91
WV-061-001080-022	MILLER, DONALD KEITH AND TAMI	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1511/787
WV-061-001080-023	SINE, JAMES R.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1511/763
WV-061-001080-024	COLINS, LARRY G.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1510/516
WV-061-001080-025	HENRY, KATHRYN A.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1510/643
WV-061-001080-026	COLLINS, CINDY SUE	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1523/738
WV-061-001080-027	COLLINS, PAUL MARVIN	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1523/736
WV-061-001080-028	COLLINS, ROBERT LEE	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1523/726
WV-061-001080-029	ROGERS, LAURA A.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1534/78
WV-061-004054-001	DEAN, KENNETH WILLIAM AND CLARE M	NORTHEAST NATURAL ENERGY LLC	SURFACE	1536/496
WV-061-003581-001	BLESSING, TRACY	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1523/151
WV-061-003581-002	FERRELL, CARLA	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	524/441
WV-061-003581-003	WALLS, LINDA R.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1528/139
WV-061-003581-004	NORBERG, LOIS	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1528/115

WV-061-001468-001	FORBES, HAZEL R. THOMAS	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1379/308
WV-061-001468-002	THOMAS, CHARLES L.	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1383/497
WV-061-001468-003	THOMAS, JAMES HENRY	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1383/503
WV-061-002915-001	CHISLER, MARK T. AND RITA, ET AL	*WEST AUGUSTA RESOURCES LLC	0.125 OR GREATER	1402/622
WV-061-003512-001	WILLARD, CLARENCE AND ANTOINETTE	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1521/612
WV-061-003512-002	SEKULA, TONY JR. AND LISA	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1544/100
WV-061-003512-003	WILLIAMS, LAWRENCE JOSEPH AND MARGARET ELIZABETH	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1542/14
WV-061-003512-004	ROUSSEAU, VICKY L. AND GREGORY J.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1544/102
WV-061-003595-001	MASON, ALENA LUE	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1530/346
WV-061-003595-002	TENNANT, BILLIE JEAN	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1530/332
WV-061-003595-003	MATHENY, REBECCA SUE	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1530/152
WV-061-003599-001	SLAVENSKY, DONNA J.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1529/592
WV-061-003599-002	SEKULA, TONY JR. AND LISA	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1530/298
WV-061-003599-003	WILLIAMS, LAWRENCE JOSEPH AND MARGARET ELIZABETH	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1532/50
WV-061-002534-001	SHUMAN, INC	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1429/366
WV-061-003408-001	WATKINS, TOMMY D.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1512/570
WV-061-003408-002	WATKINS, MACK	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1512/723
WV-061-003408-003	WATKINS, DAVID	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1511/612
WV-061-003408-004	WATKINS, ROBERT D. AND JANICE	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1512/519
WV-061-003408-005	SIMS, DANIEL T.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1512/736
WV-061-003408-006	LARRY, RUTH ELLEN	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1514/067
WV-061-003408-007	SELL, JOYCE	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1512/562
WV-061-003408-008	WILSON, JUDY I. AND ROBERT	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1514/086
WV-061-003408-009	WATKINS, DOUGLAS D. AND JEAN	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1512/697
WV-061-003408-010	GEISSINGER, CONNIE AND WAYNE	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1512/594
WV-061-003408-012	COLEMAN, JANET	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1512/572
WV-061-003408-013	FRITZ, KIM DAVID AND NANCY	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1516/231
WV-061-003408-014	SIMS, JERRY E. AND JOYCE	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1514/069
WV-061-003408-015	TENNANT, KENT S.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1513/149
WV-061-003408-016	TENNANT, STEPHEN A. AND MARCIA	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1514/059
WV-061-003408-017	TENNANT, JOE S. AND KAREN	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1512/574
WV-061-003408-018	TENNANT, D. RAY AND BARBARA	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1515/847
WV-061-003408-019	ELLIS, EVA L. AND ROBERT	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1516/225
WV-061-003408-020	BOHM, JEAN-CLARE SIMS	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1514/077
WV-061-003408-021	SIMS, PHILIP J. AND VICKI	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1515/841
WV-061-003408-022	CORTES, LISA	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1516/227
WV-061-003408-023	TENNANT, TERESA LEIGH	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1515/827
WV-061-003408-024	TENNANT, ROBERT W.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1516/233
WV-061-003408-025	TENNANT, JOSEPH B.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1516/235
WV-061-003408-026	TENNANT, NELLIE G.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1516/237
WV-061-003408-027	TENNANT, MARK M. AND JEAN I.	NORTHEAST NATURAL ENERGY LLC	DEED	1520/290
WV-061-003408-028	TENNANT, JOE S. AND KAREN	NORTHEAST NATURAL ENERGY LLC	DEED	1521/103
WV-061-003408-029	LUCKEY, CAROL A. AND DAVID M.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1521/127
WV-061-003408-030	SCHUSTER, SHARON K. AND CARLE	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1521/167
WV-061-003408-031	TENNANT, LEO KEITH AND LAURIE M.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1521/129
WV-061-003408-032	TENNANT, COLDENE B.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1521/161
WV-061-003408-033	TENNANT, MARION EMROD	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1521/163
WV-061-003408-034	HUBER, BARBARA AND DAVE	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1521/165
WV-061-003408-035	HARRISON, SHERRY L.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1521/736
WV-061-003408-036	HALBROOK, JACQUELYN M. AN DONALD R.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1521/596
WV-061-003408-037	MAIN, DONLEY CARR	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1524/269
WV-061-003408-038	KIRBY, LORI AND GARY	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1521/141
WV-061-003408-039	KRIDE, SANDRA K. AND WILLIAM S.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1524/252
WV-061-003408-040	TENNANT, SUE	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1524/351
WV-061-003408-041	TENNANT, MARION LAVERN AND GINGER J.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1521/184
WV-061-003408-042	SWARTZ, CARL E. AND CHEVELLE L.	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1524/469
WV-061-003408-043	WAGNER, PATRICIA JOANN	NORTHEAST NATURAL ENERGY LLC	0.125 OR GREATER	1539/425
WV-061-003492-001	TENNANT, JAN L. AND RICHARD COOPER	NORTHEAST NATURAL ENERGY LLC	DEED	1522/337
WV-061-003535-001	WATKINS, ROBERT D. AND JANICE A.	NORTHEAST NATURAL ENERGY LLC	DEED	1532/384

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WV-061-003271-001	CHESAPEAKE APPALACHIA LLC	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1487/244
WV-061-003271-002	STATOIL USA ONSHORE PROPERTIES INC.	*STATOIL USA ONSHORE PROPERTIES	0.125 OR GREATER	1488/744
WV-061-003274-001	CHESAPEAKE APPALACHIA LLC	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1487/220
WV-061-003274-002	STATOIL USA ONSHORE PROPERTIES INC.	*STATOIL USA ONSHORE PROPERTIES	0.125 OR GREATER	1488/760
WV-061-003274-003	CHESAPEAKE APPALACHIA LLC	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1487/240
WV-061-003278-001	CHESAPEAKE APPALACHIA LLC	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1487/248
WV-061-003278-002	STATOIL USA ONSHORE PROPERTIES INC.	*STATOIL USA ONSHORE PROPERTIES	0.125 OR GREATER	1488/748
WV-061-003278-003	CHESAPEAKE APPALACHIA LLC	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1487/236
WV-061-003278-004	STATOIL USA ONSHORE PROPERTIES INC.	*STATOIL USA ONSHORE PROPERTIES	0.125 OR GREATER	1488/725
WV-061-003278-005	CHESAPEAKE APPALACHIA LLC	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1487/232
WV-061-003278-006	STATOIL USA ONSHORE PROPERTIES INC.	*STATOIL USA ONSHORE PROPERTIES	0.125 OR GREATER	1488/740
WV-061-003309-001	CHESAPEAKE APPALACHIA LLC	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1487/228
WV-061-003309-002	STATOIL USA ONSHORE PROPERTIES INC.	*STATOIL USA ONSHORE PROPERTIES	0.125 OR GREATER	1488/752
WV-061-003314-001	MC MINERALS COMPANY LLC	*CHESAPEAKE APPALACHIA LLC	0.125 OR GREATER	1487/209
WV-061-003314-002	STATOIL USA ONSHORE PROPERTIES INC.	*STATOIL USA ONSHORE PROPERTIES	0.125 OR GREATER	1488/736

*See Attachment

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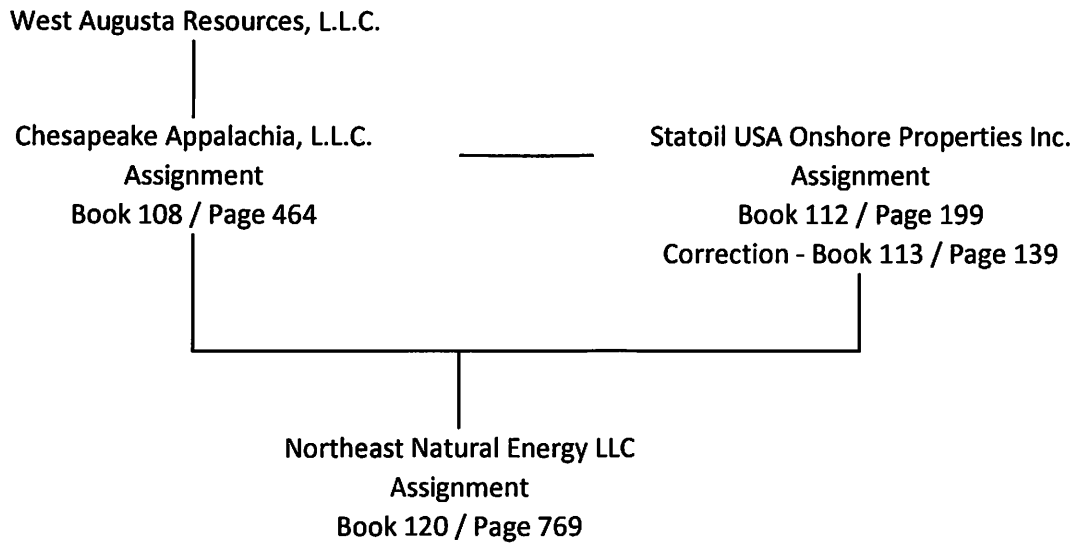
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Chesapeake Appalachia, LLC.
And
Statoil USA Onshore Properties Inc.

Northeast Natural Energy
Assignment
BK 120/769

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