



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

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

Tuesday, February 25, 2020
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

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

Re: Permit Modification Approval for MCCLELLAN 17H
47-061-01822-00-00

Modified Lateral for a TMD of 23,030'.

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.

A blue ink signature of James A. Martin, written in a cursive style.

James A. Martin
Chief

Operator's Well Number: MCCLELLAN 17H
Farm Name: ALYCEMARIE MCCLELLAN & MICHELLE D MOG
U.S. WELL NUMBER: 47-061-01822-00-00
Horizontal 6A New Drill
Date Modification Issued: February 25, 2020

Promoting a healthy environment.

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 Battelle Mannington
Operator ID County District Quadrangle

2) Operator's Well Number: McClellan 17H Well Pad Name: McClellan

3) Farm Name/Surface Owner: McClellan Public Road Access: SR 15/7 (Harvey Run Road)

4) Elevation, current ground: 1,440' Elevation, proposed post-construction: 1,408.6'

5) Well Type (a) Gas X Oil NA Underground Storage NA
Other NA

(b) If Gas Shallow X Deep NA
Horizontal X

6) Existing Pad: Yes or No Yes 1/27/2020

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
MARCELLUS, 8,160', 103', 3600 PSI

8) Proposed Total Vertical Depth: 8,160'

9) Formation at Total Vertical Depth: MARCELLUS

10) Proposed Total Measured Depth: 23,030'

11) Proposed Horizontal Leg Length: 13,160'

12) Approximate Fresh Water Strata Depths: 50'; 1,122'

13) Method to Determine Fresh Water Depths: DRILLERS LOG FROM OFFSET WELLS

14) Approximate Saltwater Depths: 1,820'; 2,570'

15) Approximate Coal Seam Depths: 190'; 1,107'

16) Approximate Depth to Possible Void (coal mine, karst, other): NA

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

(a) If Yes, provide Mine Info: Name: Marion County Coal Company Mine
Depth: 1,107'
Seam: Pittsburgh
Owner: Murray Energy Corporation & Consolidation Coal Company

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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	1,230'	1,200'	CTS
Coal					NA	NA	
Intermediate	9-5/8"	New	J-55	40	2,680'	2,650'	CTS
Production	5-1/2"	New	P-110	20	23,030'	23,000'	5,443 Cu. Ft.
Tubing	2-3/8"	New	P-110	4.7	NA	8,500'	NA
Liners							

MJK 1/27/2020

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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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 5212' TVD/MD. The well will then be horizontally drilled on synthetic based mud from the KOP to approximately 8,160' TVD / 23,030' MD along a 326 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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*Note: Attach additional sheets as needed.

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61-01822 MD

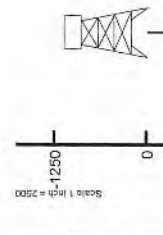
NORTHEAST NATURAL ENERGY, LLC

Location: Monongalia County, WV
 Field: Monongalia
 Facility: McClellan Pad
 Slot: Slot 17H
 Well: McClellan 17H
 Wellbore: McClellan 17H PWB

Grid System: NAD83 / Lambert West Virginia SP. Meridian Zone (4701), US foot.
 North Reference: Grid north
 Scale: True distance
 Patterson 334 (KB) to Mean Sea Level: -105 feet
 Mean Sea Level to Ground level (at Slot 17H): -1411 feet
 Depth in feet
 Coordinates are in feet referenced to BHL
 Depth in feet
 Created by: slrjg on 2020-01-10; Database: WVA_WPL_EAS17HREV3_Datn

Location Information			
Facility Name	Grid East (US ft)	Grid North (US ft)	Longitude
McClellan Pad	1749185.000	409495.800	80°16'22.3186"W
Slot 17H	18.05	1749167.740	80°16'43.1412"W
Patterson 334 (KB) to Ground level (at Slot 17H)		250	
Mean Sea Level to Ground level (at Slot 17H)		-1411 ft	
Patterson 334 (KB) to Mean Sea Level		1436 ft	

Formation	Depth (KB TVD)
Genesee	7886
Tully	7914
Hamilton	7964
Upper Marcellus	8072
Cherry Valley	8115
Lower Marcellus	8120
Onondaga	8175



True Vertical Depth (ft)
 Scale 1 inch = 2500

On: 0.61° Inc, 5025.00ft MD, 5024.68ft TVD, -13.93ft VS
 Proj to BH: 0.61° Inc, 5085.00ft MD, 5064.68ft TVD, -14.31ft VS
 8,007'100ft
 End of 3D Arc: 6.00° Inc, 5132.47ft MD, 5132.01ft TVD, -17.47ft VS
 8,007'100ft
 End of 3D Arc: 47.67° Inc, 5681.36ft MD, 5613.58ft TVD, -58.85ft VS

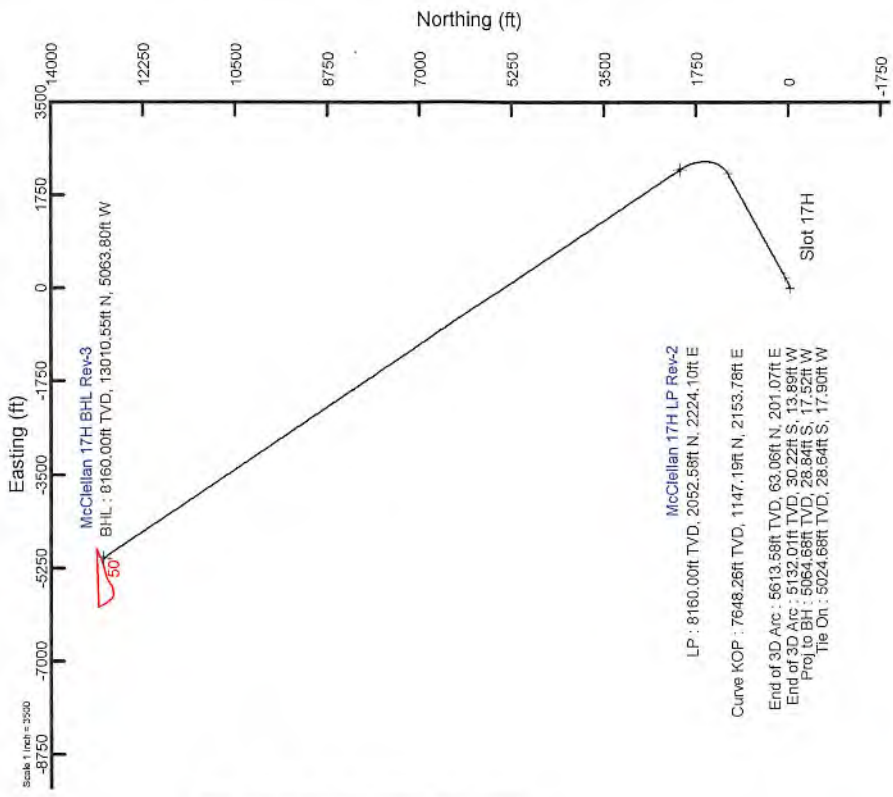
Curve KOP: 47.67° Inc, 8702.68ft MD, 7648.26ft TVD, -237.64ft VS
 8,007'100ft

McClellan 17H LP Rev-2
 LP: 90.00° Inc, 9870.06ft MD, 8160.00ft TVD, 477.27ft VS

Vertical Section (ft)
 Azimuth 326.37° with reference 0.00 N, 0.00 E

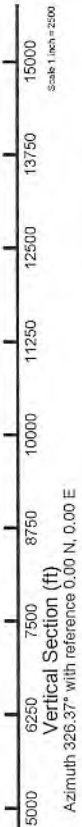
Hole and Casing Sections

Name	Start MD (ft)	End MD (ft)	Interval (ft)	Start TVD (ft)	End TVD (ft)	Start Local N (ft)	End Local N (ft)	Start Local E (ft)	End Local E (ft)	Whore
24in Conductor	25.00	50.00	25.00	25.00	50.00	0.00	0.00	0.00	-0.01	McClellan 17H-AWB
17in Open Hole	50.00	1256.00	1206.00	50.00	1254.93	0.00	-2.42	-0.01	-1.72	McClellan 17H-AWB
13.375in Casing Surface	25.00	1256.00	1231.00	25.00	1254.93	0.00	-2.42	0.00	-1.72	McClellan 17H-AWB
12.25in Open Hole	1256.00	2711.00	1455.00	1254.93	2710.74	-2.42	-17.50	-1.72	-14.20	McClellan 17H-AWB
9.875in Casing Intermediate	25.00	2711.00	2686.00	25.00	2710.74	0.00	-17.50	0.00	-16.33	McClellan 17H-AWB
8.75in Open Hole	2711.00	5010.00	2299.00	2710.74	5009.66	-17.50	-49.56	-1.72	-48.34	McClellan 17H-AWB
6.5in Open Hole	5010.00	23029.83	18019.83	5009.66	18018.90	-24.95	-1308.37	-18.64	-5693.91	McClellan 17H-PWB
5.5in Casing Production	25.00	23029.25	23004.25	25.00	18018.90	0.00	13018.55	0.00	-5693.90	McClellan 17H-PWB



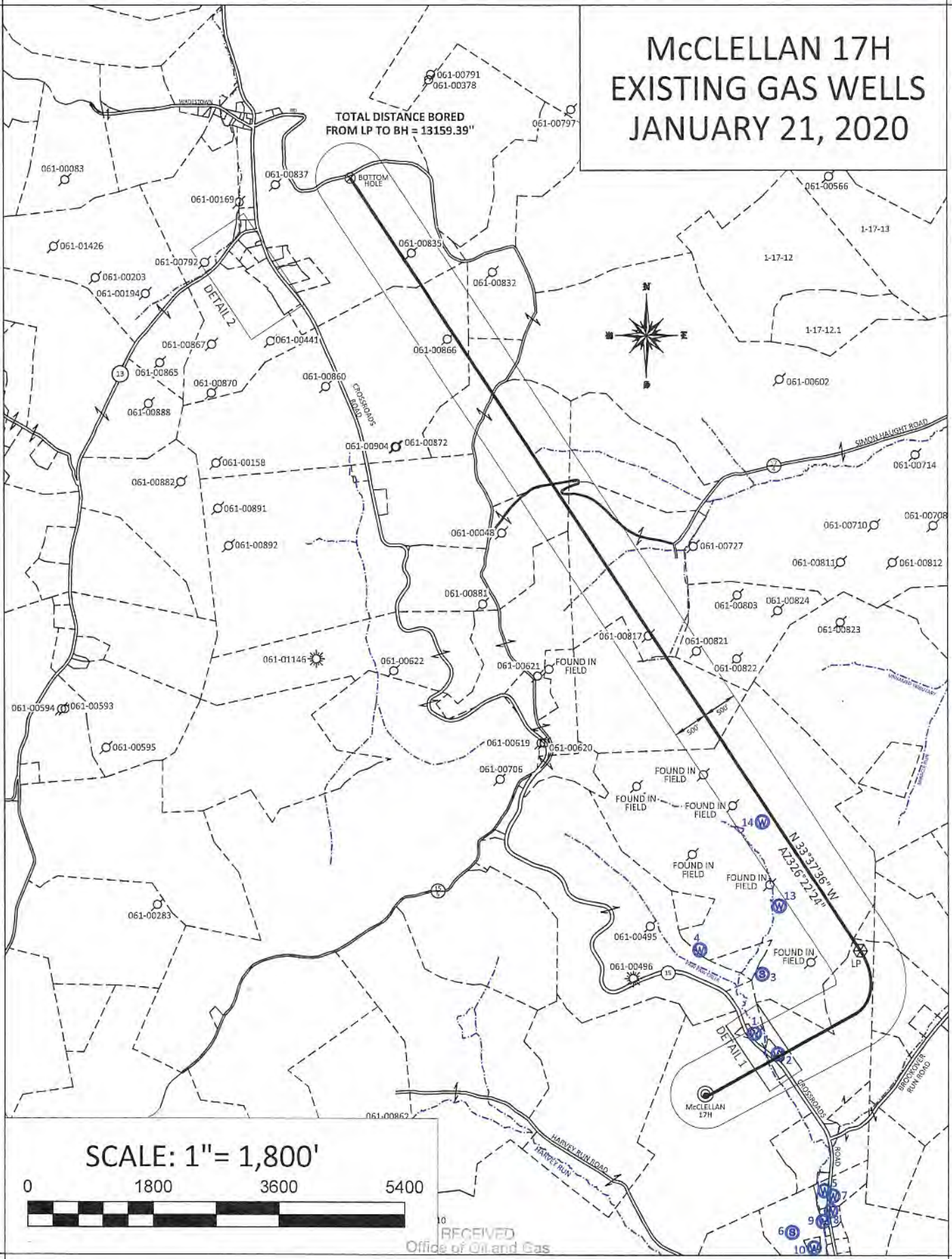
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McClellan 17H BHL Rev-3
 BHL: 90.00° Inc, 23030.25ft MD, 8160.00ft TVD, 13687.47ft VS



McCLELLAN 17H EXISTING GAS WELLS JANUARY 21, 2020

TOTAL DISTANCE BORED
FROM LP TO BH = 13159.39"



SCALE: 1" = 1,800'

0 1800 3600 5400



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McClellan 17H Area of Review

API Number	Well Name	Well Number	Operator	Latitude (NAD 27)	Longitude (NAD 27)	TMP	TVD	Comments
FOUND IN FIELD	NA	NA	NA	39.632916	-80.277555	1-24-20	NA	NA
FOUND IN FIELD	NA	NA	NA	39.634124	-80.279073	1-24-20	NA	NA
061-00817	James Harner	1	Eastern Associated / Peabody Coal Company	39.639631	-80.281683	1-24-14	3269'	Plugged - 6/30/1986
061-00866	Joseph S Corrothers	NA	Eastern Associated / Peabody Coal Company	39.651087	-80.292029	1-17-9	NA	Plugged - 6/14/1988
061-00821	William M Connors	NA	Eastern Associated / Peabody Coal Company	39.639051	-80.279244	1-24-16	3264'	Plugged - 7/7/1986
061-00835	J S and J B Corrothers	NA	Eastern Associated / Peabody Coal Company	39.654422	-80.293905	1-17-7.7	NA	Plugged - 3/18/1987

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WELL: McCLELLAN 17H
QUAD: MANNINGTON, WV



TOTAL DISTANCE BORED
FROM LP TO BH = 13159.39'

N33°37'36"W
AZ326°22'24"

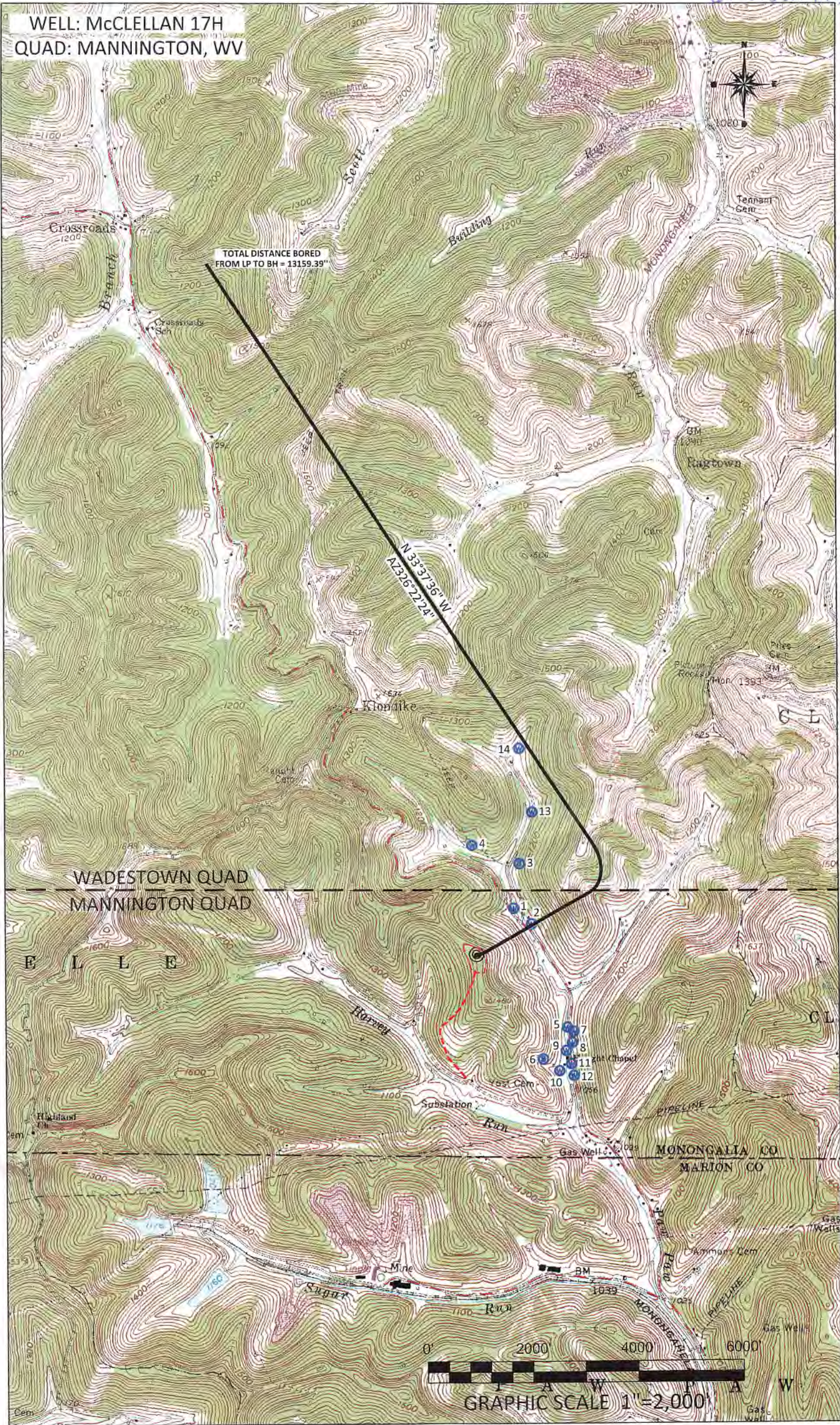
WADESTOWN QUAD
MANNINGTON QUAD

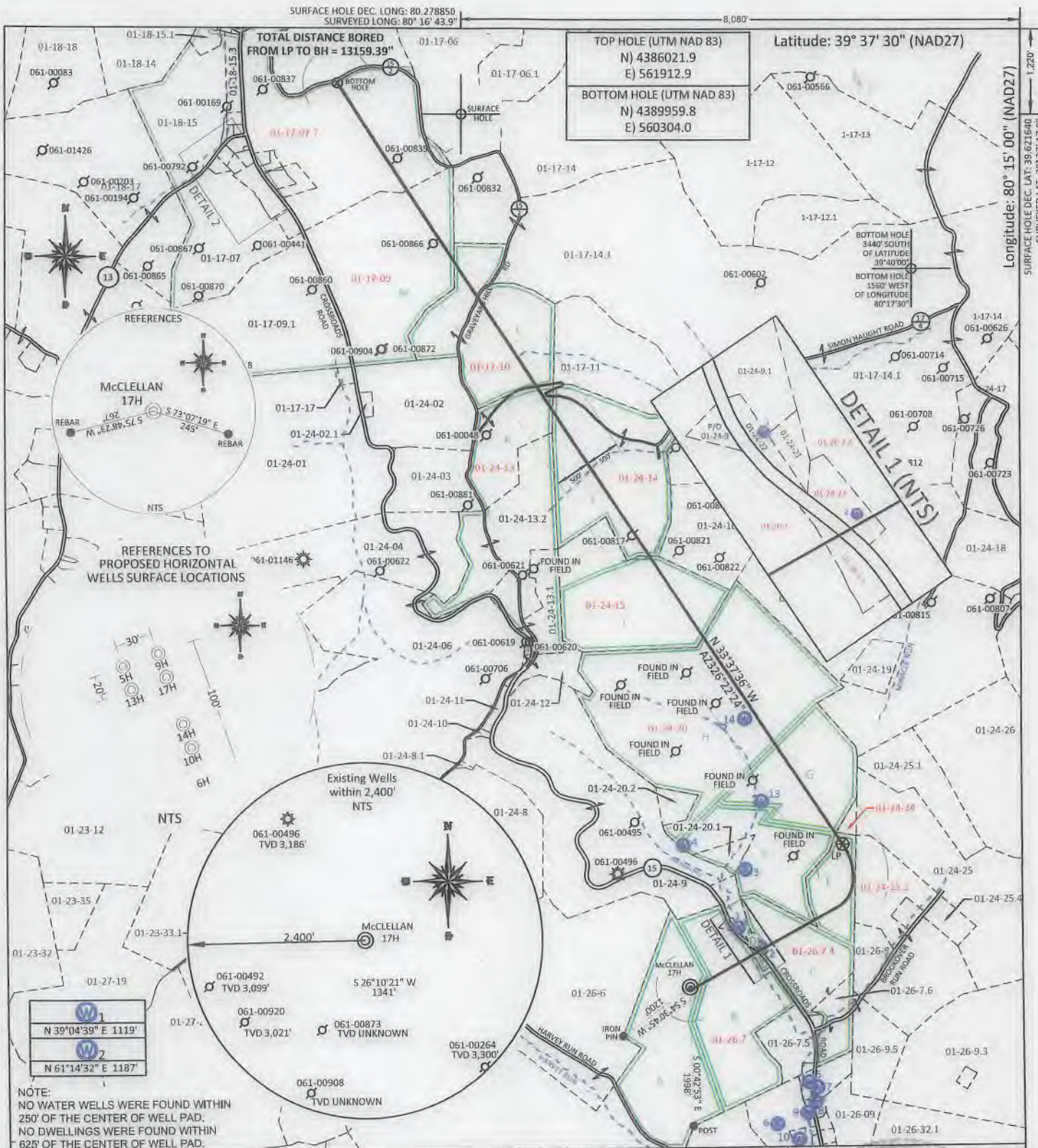
E L L E

MONONGALIA CO
MARION CO



GRAPHIC SCALE 1" = 2,000'





FILE #: NNE14
 DRAWING #: 2973
 SCALE: PLAT: 1" = 2000'
TICK: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1/200
 PROVEN SOURCE SUBMETER MAPPING
 OF ELEVATION: 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
 WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304

DATE: JANUARY 27, 2020
 OPERATOR'S WELL #: McCLELLAN 17H
 API WELL #: 47 61 0122 MOD
 STATE COUNTY PERMIT
 AS-BUILT ELEVATION: 1,411.7'

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

WATERSHED: UPPER MONONGAHELA
 COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: MANNINGTON
 SURFACE OWNER: ALYCEMARIE MCCLELLAN & MICHELLE D. MOORE ACREAGE: 877.79 +/-
 OIL & GAS ROYALTY OWNER: Barbara June Sutton, et al ACREAGE: 129.4 +/-
 LEASE NUMBERS: _____

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: 8,160' TMD: 23,030.25'
 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 CITY: CHARLESTON STATE: WV ZIP CODE: 25301

PROPERTY OWNER INDEX	
1-26-7	NETTIEALYCE McCLELLAN
1-26-7.3	MILDRED GREENE
1-26-7.4	MILDRED C. GREENE
1-24-23	MILDRED C. GREENE
1-24-25.2	LEONARD FRENCH & REBECCA JOY AMMONS
1-24-24	RANDY D. & SUSAN K. HAMILTON
1-24-20	KEVIN D. & MARLA J. AMMONS
1-24-15	MARY C. WALLS
1-24-14	BRIAN VICTOR EMIGH
1-24-13	JODI NOELLE & ERIC MASON SWECKER
1-17-9	FRANKLIN MICHAEL CHISLER
1-17-10	F. MIKE CHISLER
1-17-7.7	KENT & SHIRLEY LEONHARDT

LEASE INDEX			
A	WV-061-04172-001	H	WV-061-00119-001-LA
B	WV-061-00109-002-LA	I	WV-061-04602-001
C	WV-061-04182-001	J	WV-061-04602-001
D	WV-061-00109-002-LA	K	WV-061-00119-001-LA
E	WV-061-04182-001	L	WV-061-05269-001
F	WV-061-00119-001-LA	M	WV-061-00113-001-LA
G	WV-061-03930-001		

61-01822 MOD

FILE #: NEE14

DRAWING #: 2973

SCALE: N/A

DATE: JANUARY 27, 2020

OPERATOR'S WELL #: McCLELLAN 17H

API WELL #: 47 61 01822 MOD
STATE COUNTY PERMIT

WW-6A1
(5/13)

Operator's Well No. McClellan 17H

**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
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see attached

**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

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 Medley
 Its: Regulatory Manager

WV-6A1 McClellan 13H

61-1820 MOD

Tract ID	NNE LEASE NUMBER	LESSOR NAME	LESSEE NAME	ROYALTY	BOOK/	PG
A	WV 061 004172 001	Barbara June Sutton	Northeast Natural Energy LLC	0.125 or Greater	1560	233
	WV 061 004172 011	Jerry D. Atwood and Shirley L. Atwood	Northeast Natural Energy LLC	0.125 or Greater	1568	137
	WV 061 004172 054	Linda Austin	Northeast Natural Energy LLC	0.125 or Greater	1578	385
	WV 061 004172 068	Larry S. Barr	Northeast Natural Energy LLC	0.125 or Greater	1581	297
	WV 061 004172 055	Michael P. Barr	Northeast Natural Energy LLC	0.125 or Greater	1578	387
	WV 061 004172 061	Patrick C. Barr	Northeast Natural Energy LLC	0.125 or Greater	1579	232
	WV 061 004172 021	Danielle S. Blalock	Northeast Natural Energy LLC	0.125 or Greater	1570	350
	WV 061 004172 017	Maxine G. Morton, f/k/a Maxine G. Sutton, Life Estate Interest	Northeast Natural Energy LLC	0.125 or Greater	1567	497
	WV 061 004172 028	Claudia Brown	Northeast Natural Energy LLC	0.125 or Greater	1573	5
	WV 061 004172 092	Deena Brown	Northeast Natural Energy LLC	0.125 or Greater	1590	331
	WV 061 004172 015	Garold L. Brown and Mary P. Brown	Northeast Natural Energy LLC	0.125 or Greater	1565	727
	WV 061 004172 099	Douglas E. Browning and Denise Browning	Northeast Natural Energy LLC	0.125 or Greater	1592	617
	WV 061 004172 004	Peggy Lee Burchett and John Burchett	Northeast Natural Energy LLC	0.125 or Greater	1566	353
	WV 061 004172 013	Eleanor Carroll	Northeast Natural Energy LLC	0.125 or Greater	1565	734
	WV 061 004172 060	Lisa D. Carroll	Northeast Natural Energy LLC	0.125 or Greater	1579	229
	WV 061 004172 104	Erin Chacon	Northeast Natural Energy LLC	0.125 or Greater	1595	421
	WV 061 004172 014	Patricia S. Christian and Clayton Christian	Northeast Natural Energy LLC	0.125 or Greater	1565	729
	WV 061 004172 094	Robin Cornett	Northeast Natural Energy LLC	0.125 or Greater	1591	138
	WV 061 004172 081	Becki L. Deskin	Northeast Natural Energy LLC	0.125 or Greater	1585	266
	WV 061 004172 039	Rodona A. Dunfee	Northeast Natural Energy LLC	0.125 or Greater	1575	457
	WV 061 004172 067	Debra C. Edwards	Northeast Natural Energy LLC	0.125 or Greater	1580	574
	WV 061 004172 103	Maria Evanoff and Dusty Evanoff	Northeast Natural Energy LLC	0.125 or Greater	1595	263
	WV 061 004172 072	John Fincke	Northeast Natural Energy LLC	0.125 or Greater	1581	315
	WV 061 004172 065	Linda S. Frankford	Northeast Natural Energy LLC	0.125 or Greater	1580	46
	WV 061 004172 036	Coralee Garrett	Northeast Natural Energy LLC	0.125 or Greater	1575	292
	WV 061 004172 023	Robert A. Garrett	Northeast Natural Energy LLC	0.125 or Greater	1570	356
	WV 061 004172 040	Ruth A. Garrett	Northeast Natural Energy LLC	0.125 or Greater	1575	497
	WV 061 004172 034	William D. Garrett and Linda Garrett	Northeast Natural Energy LLC	0.125 or Greater	1575	288
	WV 061 004172 100	Avis Anita Gilpin Adkins	Northeast Natural Energy LLC	0.125 or Greater	1593	672
	WV 061 004172 046	Sharon K. Gustina and John Gustina	Northeast Natural Energy LLC	0.125 or Greater	1577	39
	WV 061 004172 108	James Hawk, and His Unknown, Missing, and Abandoning Heirs, Successors	Northeast Natural Energy LLC	0.125 or Greater	1616	495
	WV 061 004172 095	Kevin Hawk	Northeast Natural Energy LLC	0.125 or Greater	1598	375
	WV 061 004172 106	Billie J. Hodges, fka Billie J. Hawk	Northeast Natural Energy LLC	0.125 or Greater	1600	75
	WV 061 004172 098	Steven Hawk and Marcia H. Hawk	Northeast Natural Energy LLC	0.125 or Greater	1592	615
	WV 061 004172 031	Dorothy Mae Johnson	Northeast Natural Energy LLC	0.125 or Greater	1575	254
	WV 061 004172 035	Donna Jean Kelley	Northeast Natural Energy LLC	0.125 or Greater	1575	290
	WV 061 005411 108	Jerry Lee Johnson	Northeast Natural Energy LLC	0.125 or Greater	1670	120
	WV 061 005411 107	James A. Johnson	Northeast Natural Energy LLC	0.125 or Greater	1670	88
	WV 061 004172 035	Donna M. Kelley	Northeast Natural Energy LLC	0.125 or Greater	1575	290

WW-6A1 McClellan 13H

Tract ID	NNE LEASE NUMBER	LESSOR NAME	LESSEE NAME	ROYALTY	BOOK/	PG
	WW 061 004172 087	Kelley Kueck	Northeast Natural Energy LLC	0.125 or Greater	1589	230
	WW 061 004172 032	Patti L. Leasure	Northeast Natural Energy LLC	0.125 or Greater	1575	256
	WW 061 004172 006	Cindy Russell Lee	Northeast Natural Energy LLC	0.125 or Greater	1566	357
	WW 061 004172 030	Cynthia K. Leininger	Northeast Natural Energy LLC	0.125 or Greater	1575	284
	WW 061 004172 008	Tamaree Beatrice Littlefield	Northeast Natural Energy LLC	0.125 or Greater	1566	375
	WW 061 004172 043	Constance Louthen	Northeast Natural Energy LLC	0.125 or Greater	1575	716
	WW 061 004172 044	William D. Louthen Jr.	Northeast Natural Energy LLC	0.125 or Greater	1575	718
	WW 061 004172 022	Erick C. Malmgren	Northeast Natural Energy LLC	0.125 or Greater	1570	352
	WW 061 004172 056	Joyce L. Masser	Northeast Natural Energy LLC	0.125 or Greater	1578	389
	WW 061 004172 057	Keith A. Myers and Carol Myers	Northeast Natural Energy LLC	0.125 or Greater	1579	234
	WW 061 004172 053	Patrick K. Myers	Northeast Natural Energy LLC	0.125 or Greater	1578	379
	WW 061 004172 007	Karen A. Palencar	Northeast Natural Energy LLC	0.125 or Greater	1566	381
	WW 061 004172 059	Paula L. Picon	Northeast Natural Energy LLC	0.125 or Greater	1579	227
	WW 061 004172 018	Karen Anita Powers, Remainder Interest	Northeast Natural Energy LLC	0.125 or Greater	1567	499
	WW 061 004172 052	Frances C. Richie and Clifford F. Richie	Northeast Natural Energy LLC	0.125 or Greater	1578	375
	WW 061 004172 005	David Harold Russell and Pamela Russell	Northeast Natural Energy LLC	0.125 or Greater	1566	355
	WW 061 004172 009	Iris J. Russell	Northeast Natural Energy LLC	0.125 or Greater	1566	385
	WW 061 004172 016	Paulette A. Sawvel	Northeast Natural Energy LLC	0.125 or Greater	1567	495
	WW 061 004172 085	Todd E. Long and Kathy Long	Northeast Natural Energy, LLC	0.125 or Greater	1587	288
	WW 061 004172 033	Barbara A. Stover and Jack Stover	Northeast Natural Energy LLC	0.125 or Greater	1575	286
	WW 061 004172 001	Barbara June Sutton	Northeast Natural Energy LLC	0.125 or Greater	1560	233
	WW 061 004172 019	Dave Sutton and Alison Sutton, Remainder Interest	Northeast Natural Energy LLC	0.125 or Greater	1570	346
	WW 061 004172 002	Douglas B. Sutton	Northeast Natural Energy LLC	0.125 or Greater	1560	235
	WW 061 004172 051	Judy K. Sutton	Northeast Natural Energy LLC	0.125 or Greater	1578	373
	WW 061 004172 003	Stephen R. Sutton and Barbara H. Sutton	Northeast Natural Energy LLC	0.125 or Greater	1560	237
	WW 061 004172 073	Barbara Uhrig	Northeast Natural Energy LLC	0.125 or Greater	1581	317
	WW 061 004172 012	Darlene W. Vorhies	Northeast Natural Energy LLC	0.125 or Greater	1565	736
	WW 061 004172 083	Jeremy B. Watson	Northeast Natural Energy LLC	0.125 or Greater	1586	540
	WW 061 004172 102	Kevin P. Watson	Northeast Natural Energy LLC	0.125 or Greater	1593	675
	WW 061 004172 010	Debra S. Wells	Northeast Natural Energy LLC	0.125 or Greater	1568	135
	WW 061 004172 064	Jack Williams	Northeast Natural Energy LLC	0.125 or Greater	1580	44
	WW 061 004172 066	James A. Williams	Northeast Natural Energy LLC	0.125 or Greater	1580	48
	WW 061 004172 069	Jaye Ann Williams	Northeast Natural Energy LLC	0.125 or Greater	1581	299
	WW 061 004172 070	Jennifer Williams	Northeast Natural Energy LLC	0.125 or Greater	1581	301
	WW 061 004172 047	Charles A. Winland	Northeast Natural Energy LLC	0.125 or Greater	1577	41
	WW 061 004172 048	Thomas L. Winland and Martha Winland	Northeast Natural Energy LLC	0.125 or Greater	1577	43
	WW 061 004172 071	William B. Winland	Northeast Natural Energy LLC	0.125 or Greater	1581	313
	WW 061 004172 082	Ora K. Yarbrough aka Katie Yarbrough	Northeast Natural Energy LLC	0.125 or Greater	1585	268
B	WW 061 000109 002 1A	XTO Energy Inc.	Northeast Natural Energy LLC	0.125 or Greater	1620	424

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Tract ID	NNE LEASE NUMBER	LESSOR NAME	LESSEE NAME	ROYALTY	BOOK/	PG
C & D	WV 061 000109 002 LA	XTO Energy Inc.	Northeast Natural Energy LLC	0.125 or Greater	1620	424
E	WV 061 004186 032	Anthony J. Jones	Northeast Natural Energy LLC	0.125 or Greater	1574	396
	WV 061 004186 038	Jonathan F. Jones	Northeast Natural Energy LLC	0.125 Or Greater	1577	55
	WV 061 004186 035	Nicolas K. Jones and Courtney E. Jones	Northeast Natural Energy LLC	0.125 Or Greater	1575	218
	WV 061 004186 039	Rex Hamlett and Helen Hamlett	Northeast Natural Energy LLC	0.125 Or Greater	1578	395
	WV 061 004186 049	Rory Hamlett and Robyn Hamlett	Northeast Natural Energy LLC	0.125 Or Greater	1586	466
	WV 061 004186 024	Geraldine Jones Stiers	Northeast Natural Energy LLC	0.125 Or Greater	1573	502
	WV 061 004186 037	Ruth Jones	Northeast Natural Energy LLC	0.125 Or Greater	1575	487
	WV 061 004186 026	Sheila Jones-Davis and Larry Davis	Northeast Natural Energy LLC	0.125 Or Greater	1573	506
	WV 061 004186 047	Kimberly Jane Jones Ansley	Northeast Natural Energy LLC	0.125 Or Greater	1584	762
	WV 061 004186 034	John A. Jones	Northeast Natural Energy LLC	0.125 Or Greater	1574	400
	WV 061 004186 048	Robin D. Starrett	Northeast Natural Energy LLC	0.125 Or Greater	1581	596
	WV 061 004186 023	Earl F. Starrett and Sandra J. Starrett	Northeast Natural Energy LLC	0.125 Or Greater	1573	500
	WV 061 004186 027	Jacqueline M. Siegfried	Northeast Natural Energy LLC	0.125 Or Greater	1573	508
	WV 061 004186 025	Beryl K. Jones, II	Northeast Natural Energy LLC	0.125 Or Greater	1573	504
	WV 061 004186 046	James Bolyard	Northeast Natural Energy LLC	0.125 Or Greater	1580	578
	WV 061 004186 045	Bryan Bolyard and Sarah Bolyard	Northeast Natural Energy LLC	0.125 Or Greater	1580	576
	WV 061 004186 020	Sandra L. Black and William D. Black	Northeast Natural Energy LLC	0.125 Or Greater	1571	27
	WV 061 004186 019	Robert C. McGaughy, II	Northeast Natural Energy, LLC	0.125 Or Greater	1571	25
	WV 061 004186 022	Thomas Hugh Barnhardt	Northeast Natural Energy LLC	0.125 Or Greater	1571	31
	WV 061 004186 021	Laura W. Costa and Nathaniel Costa	Northeast Natural Energy LLC	0.125 Or Greater	1571	29
	WV 061 004186 033	Sandra Hatcher	Northeast Natural Energy LLC	0.125 Or Greater	1574	398
	WV 061 004186 044	James Andrew Whitney	Northeast Natural Energy LLC	0.125 Or Greater	1578	160
	WV 061 004186 050	Brodie G. Secrest, III and Claudia Dado	Northeast Natural Energy LLC	0.125 Or Greater	1591	662
	WV 061 004186 052	Stephen A. Secrest and Amy Secrest	Northeast Natural Energy LLC	0.125 Or Greater	1593	679
	WV 061 004186 053	Martha Secrest-Verblaauw aka Martha Verblaauw aka Marty K. Secrest	Northeast Natural Energy LLC	0.125 Or Greater	1593	681
	WV 061 004186 029	Barbara Diane Tennant Glover and Rodney Glover	Northeast Natural Energy LLC	0.125 Or Greater	1573	513
	WV 061 004186 008	Burley D. Tennant and Jacqueline R. Tennant	Northeast Natural Energy LLC	0.125 Or Greater	1565	783
	WV 061 004186 031	Dora E. Ashton, by her AIF, Barbara Diane Tennant Glover	Northeast Natural Energy LLC	0.125 Or Greater	1573	517
	WV 061 004186 016	Rebecca Cooper	Northeast Natural Energy LLC	0.125 Or Greater	1571	17
	WV 061 004186 015	Constance Wharton Kihm and James Kihm	Northeast Natural Energy LLC	0.125 Or Greater	1571	15
	WV 061 004186 017	Shelia Duemmel and Richard Duemmel	Northeast Natural Energy LLC	0.125 Or Greater	1571	21
	WV 061 004186 018	John J. Jones	Northeast Natural Energy LLC	0.125 Or Greater	1571	23
	WV 061 004186 012	Robert L. Jones and Rosa Jones	Northeast Natural Energy LLC	0.125 Or Greater	1570	707
	WV 061 004186 036	Paul Richard Craven	Northeast Natural Energy LLC	0.125 Or Greater	1575	220
	WV 061 004186 054	Carol Sue Dakan a/k/a Carol Sue Burdine Dakan	Northeast Natural Energy LLC	0.125 Or Greater	1593	488
	WV 061 004186 055	Theresa Jean Brookover Rich	Northeast Natural Energy LLC	0.125 Or Greater	1593	490
	WV 061 004186 013	John Campbell	Northeast Natural Energy LLC	0.125 Or Greater	1570	705
	WV 061 004186 014	Carl Campbell	Northeast Natural Energy LLC	0.125 Or Greater	1571	10

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Tract ID	NNE LEASE NUMBER	LESSOR NAME	LESSEE NAME	ROYALTY	BOOK/	PG
	WV 061 004186 011	Angy Cessna	Northeast Natural Energy LLC	0.125 Or Greater	1568	444
	WV 061 004186 010	Margaret Bennett	Northeast Natural Energy LLC	0.125 Or Greater	1568	390
	WV 061 004186 009	Susan Sebring and Robert Sebring	Northeast Natural Energy LLC	0.125 Or Greater	1568	392
	WV 061 004186 028	Nancy Lunsford and David Lunsford	Northeast Natural Energy LLC	0.125 Or Greater	1575	720
	WV 061 004186 003	David K. Tennant and Linda L. Tennant	Northeast Natural Energy LLC	0.125 Or Greater	1572	659
	WV 061 004186 002	Loretta K. Fordyce and Ervin A. Fordyce	Northeast Natural Energy LLC	0.125 Or Greater	1566	339
	WV 061 004186 001	Byron D. Tennant and Bernice E. Tennant	Northeast Natural Energy LLC	0.125 Or Greater	1566	337
	WV 061 004186 005	Alberta Toothman and Murle Toothman	Northeast Natural Energy LLC	0.125 Or Greater	1568	123
	WV 061 004186 007	Norman D. Brookover and Garnet Sue Brookover	Northeast Natural Energy LLC	0.125 Or Greater	1565	785
	WV 061 004186 006	Albert Lee Brookover and Carol Brookover	Northeast Natural Energy LLC	0.125 Or Greater	1565	787
	WV 061 004186 004	Shirley Lou Moore	Northeast Natural Energy LLC	0.125 Or Greater	1568	301
	WV 061 004186 0043	Roger Howard Ammons	Northeast Natural Energy LLC	0.125 Or Greater	1578	401
	WV 061 004186 042	Timothy Brian Ammons	Northeast Natural Energy LLC	0.125 Or Greater	1578	399
	WV 061 004186 041	Edward Allen Ammons	Northeast Natural Energy LLC	0.125 Or Greater	1578	397
F	WV 061 004223 001	Mary C. Walls	Northeast Natural Energy LLC	0.125 or Greater	1568	394
	WV 061 004332 003	Rosalea T. Vacher aka Olive Rosalie Vasher	Northeast Natural Energy LLC	0.125 or Greater	1638	777
	WV 061 004655 001	Sadie Ice Tennant	Northeast Natural Energy LLC	0.125 or Greater	1600	604
	WV 061 004149 011	Juanita May Merico	Northeast Natural Energy LLC	0.125 or Greater	1568	779
	WV 061 004332 001	Tina Tennant Long	Northeast Natural Energy LLC	0.125 or Greater	1575	483
	WV 061 004332 002	Rebecca Butcher	Northeast Natural Energy LLC	0.125 or Greater	1575	485
	WV 061 003930 020	Mary Ann Dieroff	Northeast Natural Energy LLC	0.125 or Greater	1568	581
	WV 061 003930 018	Thomas R. Barnard	Northeast Natural Energy LLC	0.125 or Greater	1566	367
	WV 061 004187 001	Barbara Jo Wilkison	Northeast Natural Energy LLC	0.125 or Greater	1565	213
	WV 061 003930 027	Cynthia Lowther	Northeast Natural Energy LLC	0.125 or Greater	1566	589
	WV 061 003930 005	William J. Tennant	Northeast Natural Energy LLC	0.125 or Greater	1567	468
	WV 061 003930 015	Judi L. Mills	Northeast Natural Energy LLC	0.125 or Greater	1556	515
	WV 061 003930 024	Deborah K. Lowther	Northeast Natural Energy LLC	0.125 or Greater	1565	246
	WV 061 005174 001	Shannon Lowther	Northeast Natural Energy LLC	0.125 or Greater	1621	754
	WV 061 003930 008	Bernard R. Tennant	Northeast Natural Energy LLC	0.125 or Greater	1564	792
	WV 061 004604 001	Twyla E. Wright	Northeast Natural Energy LLC	0.125 or Greater	1596	767
	WV 061 003930 016	Janice Sue Fluaharty	Northeast Natural Energy LLC	0.125 or Greater	1568	579
	WV 061 003930 013	Richard A. Tennant	Northeast Natural Energy LLC	0.125 or Greater	1564	260
	WV 061 003930 012	Judy Ann Pethel	Northeast Natural Energy LLC	0.125 or Greater	1566	456
	WV 061 003930 011	Betty Lou Fluaharty	Northeast Natural Energy LLC	0.125 or Greater	1566	458
	WV 061 003930 017	Randall William Tennant	Northeast Natural Energy LLC	0.125 or Greater	1566	490
	WV 061 003930 007	Ricky Lee Satterfield	Northeast Natural Energy LLC	0.125 or Greater	1567	480
	WV 061 003930 014	Douglas Allen Satterfield	Northeast Natural Energy LLC	0.125 or Greater	1566	464
	WV 061 003930 022	Denise Michelle Romano	Northeast Natural Energy LLC	0.125 or Greater	1564	256
	WV 061 005105 002	Sharon J. Rogers-Moody	Northeast Natural Energy LLC	0.125 or Greater	1629	178
	WV 061 005275 005	Mark D. Rogers	Northeast Natural Energy LLC	0.125 or Greater	1629	294

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Tract ID	NNE LEASE NUMBER	LESSOR NAME	LESSEE NAME	ROYALTY	BOOK/	PG
	WV 061 005275 006	Michael Wayne Rogers	Northeast Natural Energy LLC	0.125 or Greater	1629	296
	WV 061 005275 004	Lyle Eugene Rogers, Jr.	Northeast Natural Energy LLC	0.125 or Greater	1629	292
	WV 061 005275 003	Shawn Eugene Rogers	Northeast Natural Energy LLC	0.125 or Greater	1629	290
	WV 061 005275 001	Larry Allen Rogers	Northeast Natural Energy LLC	0.125 or Greater	1629	286
	WV 061 004603 002	Marvin Keith Wilson	Northeast Natural Energy LLC	0.125 or Greater	1607	272
	WV 061 004381 001	Kevin D. Ammons	Northeast Natural Energy LLC	0.125 or Greater	1578	307
	WV 061 004149 012	Annetta A. Mayhew	Northeast Natural Energy LLC	0.125 or Greater	1580	572
	WV 061 004269 005	Edith Lorene Burns	Northeast Natural Energy LLC	0.125 or Greater	1580	580
	WV 061 004269 007	Marvin M. Mayhew	Northeast Natural Energy LLC	0.125 or Greater	1600	21
	WV 061 003930 021	William H. Tennant	Northeast Natural Energy LLC	0.125 or Greater	1567	266
	WV 061 004269 004	Daniel R. Tennant	Northeast Natural Energy LLC	0.125 or Greater	1575	228
	WV 061 004269 003	Kathryn Holcomb	Northeast Natural Energy LLC	0.125 or Greater	1572	790
	WV 061 003930 009	Simon A. Tennant II	Northeast Natural Energy LLC	0.125 or Greater	1567	470
	WV 061 004269 001	Stacey Tennant	Northeast Natural Energy LLC	0.125 or Greater	1570	713
G	WV 061 000113 001-LA	SWN Production Company, LLC	Northeast Natural Energy LLC	0.125 or Greater	1623	482
	WV 061 005460 001	Chesapeake Appalachia, LLC	SWN Production Company, LLC	0.125 or Greater	1512	206
	WV 061 005451 001	Equinor USA Onshore Properties, Inc.	Northeast Natural Energy LLC	0.125 or Greater	1640	801
H	WV 061 000113 001-LA	SWN Production Company, LLC	Northeast Natural Energy LLC	0.125 or Greater	1623	482
	WV 061 005460 001	Chesapeake Appalachia, LLC	SWN Production Company, LLC	0.125 or Greater	1512	206
	WV 061 005451 001	Equinor USA Onshore Properties, Inc.	Northeast Natural Energy LLC	0.125 or Greater	1640	801
I	WV 061 004223 001	Mary C. Walls	Northeast Natural Energy LLC	0.125 or Greater	1568	394
J	WV 061 004095 035	Donald Howard Parker	Northeast Natural Energy LLC	0.125 or Greater	1571	590
	WV 061 004095 125	Crystal Parker Sisk	Northeast Natural Energy LLC	0.125 or Greater	1593	456
	WV 061 004095 119	Guy Parker	Northeast Natural Energy LLC	0.125 or Greater	1581	307
	WV 061 004095 145	Susan Colleen Angelone	Northeast Natural Energy LLC	0.125 or Greater	1610	394
	WV 061 004095 129	Diana L. Parker Rocha	Northeast Natural Energy LLC	0.125 or Greater	1596	748
	WV 061 004095 116	Donna Jean Parker	Northeast Natural Energy LLC	0.125 or Greater	1580	26
	WV 061 004095 118	Joyce Ann Parker	Northeast Natural Energy LLC	0.125 or Greater	1581	593
	WV 061 004095 107	Suzan A. Parker	Northeast Natural Energy LLC	0.125 or Greater	1578	355
	WV 061 004095 156	Beverly Jams aka Beverly J. Mettler	Northeast Natural Energy LLC	0.125 or Greater	133	714
	WV 061 004095 120	Regla I. Garrett	Northeast Natural Energy LLC	0.125 or Greater	1585	185
	WV 061 004095 028	Glenn Edwin Parker	Northeast Natural Energy LLC	0.125 or Greater	1565	205
	WV 061 004095 030	Larry M. Parker	Northeast Natural Energy LLC	0.125 or Greater	1565	254
	WV 061 004095 029	Jean Carol Plaster	Northeast Natural Energy LLC	0.125 or Greater	1566	423
	WV 061 004185 002	Jackie Wilson and Peggy Wilson	Northeast Natural Energy LLC	0.125 or Greater	1566	351
	WV 061 004185 004	Sharon Lemley fka Sharon E. Wilson	Northeast Natural Energy LLC	0.125 or Greater	1563	817
	WV 061 004185 003	Larry A. Wilson	Northeast Natural Energy LLC	0.125 or Greater	1565	493
	WV 061 004095 024	Bonnie Russell Hostutler	Northeast Natural Energy LLC	0.125 or Greater	1566	480
	WV 061 004185 045	Dennis Hodges	Northeast Natural Energy LLC	0.125 or Greater	1587	249
	WV 061 004185 060	David Goodnight	Northeast Natural Energy LLC	0.125 or Greater	1617	760
	WV 061 004185 057	Adam J. Harker	Northeast Natural Energy LLC	0.125 or Greater	1594	218
	WV 061 004185 033	Crystal L. Vezey and Peter Vezey	Northeast Natural Energy LLC	0.125 or Greater	1575	471
	WV 061 004185 032	Charlotte Neff	Northeast Natural Energy LLC	0.125 or Greater	1575	469

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Tract ID	NNE LEASE NUMBER	LESSOR NAME	LESSEE NAME	ROYALTY	BOOK/	PG
	WV 061 004185 034	Shelly M. Kenser	Northeast Natural Energy LLC	0.125 or Greater	1577	535
	WV 061 004185 031	Teresa D. Harker	Northeast Natural Energy LLC	0.125 or Greater	1575	467
	WV 061 004095 102	Dawn Bennett	Northeast Natural Energy LLC	0.125 or Greater	1578	497
	WV 061 004185 035	Gerald R. Harker	Northeast Natural Energy LLC	0.125 or Greater	1577	53
	WV 061 004185 030	Melanie Ann Pendergrest	Northeast Natural Energy LLC	0.125 or Greater	1575	465
	WV 061 004185 039	Richard L. Harker	Northeast Natural Energy LLC	0.125 or Greater	1578	158
	WV 061 004185 041	Jason Harker	Northeast Natural Energy LLC	0.125 or Greater	1580	736
	WV 061 004185 052	Jennifer Harker	Northeast Natural Energy LLC	0.125 or Greater	1589	733
	WV 061 004185 040	Justin Harker	Northeast Natural Energy LLC	0.125 or Greater	1580	52
	WV 061 004185 042	Nicole Durden	Northeast Natural Energy LLC	0.125 or Greater	1580	54
	WV 061 004095 159	SWN Production Company, LLC	Northeast Natural Energy LLC	0.125 or Greater	138	156
	WV 061 004095 159	Equinor USA Onshore Properties, Inc.	Northeast Natural Energy LLC	0.125 or Greater	138	168
	WV 061 004095 159	Chesapeake Appalachia, LLC	SWN Production Company, LLC	0.125 or Greater	1512	206
	WV 061 004095 159	Ruth Ann Burns	Chesapeake Appalachia, LLC	0.125 or Greater	1416	796
	WV 061 004095 017	The Burns Family General Partnership	Northeast Natural Energy LLC	0.125 or Greater	1564	248
	WV 061 004095 022	John K. Roberts	Northeast Natural Energy LLC	0.125 or Greater	1566	494
	WV 061 004095 021	Wendy Ann Roberts Hidalgo	Northeast Natural Energy LLC	0.125 or Greater	1563	81
	WV 061 004095 019	William Russell Roberts	Northeast Natural Energy LLC	0.125 or Greater	1566	539
	WV 061 004095 161	Lora Kay Napier	Northeast Natural Energy LLC	0.125 or Greater	1686	121
	WV 061 004095 162	Susan B. Floyd	Northeast Natural Energy LLC	0.125 or Greater	1688	561
	WV 061 004185 022	Richard Carl Tennant, Sr.	Northeast Natural Energy LLC	0.125 or Greater	1570	342
	WV 061 004185 016	Robert P. Tennant	Northeast Natural Energy LLC	0.125 or Greater	1567	486
	WV 061 004185 056	Bernadette M. Harker	Northeast Natural Energy LLC	0.125 or Greater	1590	333
	WV 061 004185 029	Rodney D. Moore	Northeast Natural Energy LLC	0.125 or Greater	1575	463
	WV 061 004185 058	Rachel Schweitzer	Northeast Natural Energy LLC	0.125 or Greater	1607	420
	WV 061 004185 046	Veronica A. Schweitzer	Northeast Natural Energy LLC	0.125 or Greater	1588	406
	WV 061 004185 013	Ann Parrish	Northeast Natural Energy LLC	0.125 or Greater	1567	493
	WV 061 004185 001	Virginia L. Rodriguez	Northeast Natural Energy LLC	0.125 or Greater	1565	491
	WV 061 004185 010	Charlotte Leary	Northeast Natural Energy LLC	0.125 or Greater	1565	720
	WV 061 004185 015	Gary D. Harker	Northeast Natural Energy LLC	0.125 or Greater	1567	484
	WV 061 004185 008	Doreen Richards	Northeast Natural Energy LLC	0.125 or Greater	1565	713
	WV 061 004185 012	Larry Hayes	Northeast Natural Energy LLC	0.125 or Greater	1565	791
	WV 061 004185 026	Mark L. Hayes	Northeast Natural Energy LLC	0.125 or Greater	1575	214
	WV 061 004185 009	Christopher A. Harbert	Northeast Natural Energy LLC	0.125 or Greater	1565	718
	WV 061 004185 020	Larry J. Harker	Northeast Natural Energy LLC	0.125 or Greater	1568	386
	WV 061 004185 027	Ronald W. Toothamn, Jr.	Northeast Natural Energy LLC	0.125 or Greater	1575	459
	WV 061 004185 037	Robert A. Toothman	Northeast Natural Energy LLC	0.125 or Greater	1578	393
	WV 061 004185 059	Shawn McIntyre	Northeast Natural Energy LLC	0.125 or Greater	1617	758
	WV 061 004185 054	Tina L. Johnson	Northeast Natural Energy LLC	0.125 or Greater	1589	737
	WV 061 004185 021	James R. Toothman	Northeast Natural Energy LLC	0.125 or Greater	1570	340
	WV 061 004185 025	Roy L. Toothman	Northeast Natural Energy LLC	0.125 or Greater	1571	580
	WV 061 004185 043	Catherine Harker	Northeast Natural Energy LLC	0.125 or Greater	1581	321
	WV 061 004185 044	Gina Bowles	Northeast Natural Energy LLC	0.125 or Greater	1587	247

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Tract ID	NNE LEASE NUMBER	LESSOR NAME	LESSEE NAME	ROYALTY	BOOK/	PG
	WV 061 004185 053	Harry Harker, Jr.	Northeast Natural Energy LLC	0.125 or Greater	1589	735
	WV 061 004185 011	Frank L. White	Northeast Natural Energy LLC	0.125 or Greater	1565	793
	WV 061 004095 033	Donald R. Maxwell	Northeast Natural Energy LLC	0.125 or Greater	1565	244
	WV 061 004095 003	Lewis M. Maxwell	Northeast Natural Energy LLC	0.125 or Greater	1568	295
	WV 061 004095 034	Barbara McCoy	Northeast Natural Energy LLC	0.125 or Greater	1565	453
	WV 061 004095 031	Betty Wilson	Northeast Natural Energy LLC	0.125 or Greater	1566	218
	WV 061 004095 141	Tiffany Carty	Northeast Natural Energy LLC	0.125 or Greater	1609	363
	WV 061 004095 094	America Heart Association Inc.	Northeast Natural Energy LLC	0.125 or Greater	1576	132
	WV 061 004095 027	David J. Johnson	Northeast Natural Energy LLC	0.125 or Greater	1565	215
	WV 061 004095 023	Jan E. Johnson	Northeast Natural Energy LLC	0.125 or Greater	1566	391
	WV 061 004095 025	Kathryn Painter	Northeast Natural Energy LLC	0.125 or Greater	1566	529
	WV 061 004095 032	Ralph Morris, Sr.	Northeast Natural Energy LLC	0.125 or Greater	1565	257
	WV 061 004095 020	Orval E. Gump, Jr.	Northeast Natural Energy LLC	0.125 or Greater	1566	525
	WV 061 004095 037	Alan L. Lucas	Northeast Natural Energy LLC	0.125 or Greater	1565	722
	WV 061 004095 077	Amy Tucker	Northeast Natural Energy LLC	0.125 or Greater	1575	210
	WV 061 004095 090	Beth Ann Miller	Northeast Natural Energy LLC	0.125 or Greater	1575	451
	WV 061 004095 103	Cathy A. Nixon	Northeast Natural Energy LLC	0.125 or Greater	1578	495
	WV 061 004095 157	Daisy Flores	Northeast Natural Energy LLC	0.125 or Greater	133	718
	WV 061 004095 154	Cathy Barnhart	Northeast Natural Energy LLC	0.125 or Greater	133	706
	WV 061 004095 155	Kaitlynn Brown	Northeast Natural Energy LLC	0.125 or Greater	133	710
	WV 061 004095 084	Donald L. Bates	Northeast Natural Energy LLC	0.125 or Greater	1573	487
	WV 061 004095 153	Erin Wilkinson	Northeast Natural Energy LLC	0.125 or Greater	1625	822
	WV 061 004095 117	Donald T. Buchanan	Northeast Natural Energy LLC	0.125 or Greater	1580	564
	WV 061 004095 099	Donna J. Armstrong	Northeast Natural Energy LLC	0.125 or Greater	1577	33
	WV 061 004095 065	Everett Bishop	Northeast Natural Energy LLC	0.125 or Greater	1568	380
	WV 061 004095 067	Francis Shunk	Northeast Natural Energy LLC	0.125 or Greater	1568	384
	WV 061 004095 106	Fred Parker	Northeast Natural Energy LLC	0.125 or Greater	1578	503
	WV 061 004095 142	George Darrah	Northeast Natural Energy LLC	0.125 or Greater	1609	365
	WV 061 004095 073	Gerald Lucas	Northeast Natural Energy LLC	0.125 or Greater	1571	586
	WV 061 004095 114	James W. Parker	Northeast Natural Energy LLC	0.125 or Greater	1578	365
	WV 061 004095 066	Jeanie Pelkey	Northeast Natural Energy LLC	0.125 or Greater	1568	382
	WV 061 004095 108	Jerry D. Lucas	Northeast Natural Energy LLC	0.125 or Greater	1578	357
	WV 061 004095 068	Gerald Lee Shunk aka Jerry Shunk	Northeast Natural Energy LLC	0.125 or Greater	1568	388
	WV 061 004095 151	Karen L. Darrah	Northeast Natural Energy LLC	0.125 or Greater	1615	664
	WV 061 004095 127	Kevin J. Durbin	Northeast Natural Energy LLC	0.125 or Greater	1594	216
	WV 061 004095 113	Kevin L. Darrah	Northeast Natural Energy LLC	0.125 or Greater	1578	363
	WV 061 004095 100	Kimberly Forshey	Northeast Natural Energy LLC	0.125 or Greater	1594	202
	WV 061 004095 101	Larry A. Parker and Alexa J. Parker	Northeast Natural Energy LLC	0.125 or Greater	1578	351
	WV 061 004095 105	Lisa Watters	Northeast Natural Energy LLC	0.125 or Greater	1578	353
	WV 061 004095 115	Lynne A. Sutton	Northeast Natural Energy LLC	0.125 or Greater	1580	24
	WV 061 004095 038	Mildred A. Lukich	Northeast Natural Energy LLC	0.125 or Greater	1567	462
	WV 061 004095 111	Monty Gilmore	Northeast Natural Energy LLC	0.125 or Greater	1578	359
	WV 061 004095 158	Michael A. Parker	Northeast Natural Energy LLC	0.125 or Greater	133	722

61-01822 Nov

WW-6A1 McClellan 13H

Tract ID	NNE LEASE NUMBER	LESSOR NAME	LESSEE NAME	ROYALTY	BOOK/	PG
	WV 061 004095 098	Virginia S. LaFever	Northeast Natural Energy LLC	0.125 or Greater	1577	31
	WV 061 004095 112	Richard Gilmore	Northeast Natural Energy LLC	0.125 or Greater	1578	361
	WV 061 004095 039	Robert A. Parker	Northeast Natural Energy LLC	0.125 or Greater	1565	801
	WV 061 004095 085	Robert D. Buchanan	Northeast Natural Energy LLC	0.125 or Greater	1573	489
	WV 061 004095 130	Robin L. Bailey	Northeast Natural Energy LLC	0.125 or Greater	1597	155
	WV 061 004095 086	Russell T. Gilmore	Northeast Natural Energy LLC	0.125 or Greater	1575	282
	WV 061 004095 104	Sharon LaMarca	Northeast Natural Energy LLC	0.125 or Greater	1578	499
	WV 061 004095 137	Sheila E. Kemp	Northeast Natural Energy LLC	0.125 or Greater	1606	19
	WV 061 004095 075	Vada June Sebring	Northeast Natural Energy LLC	0.125 or Greater	1572	23
	WV 061 004095 076	Elizabeth A. Penafiorida	Northeast Natural Energy LLC	0.125 or Greater	1572	26
	WV 061 004095 143	Vicki Jarrell	Northeast Natural Energy LLC	0.125 or Greater	1609	367
	WV 061 004095 136	William D. Holderbaum	Northeast Natural Energy LLC	0.125 or Greater	1606	17
	WV 061 004095 036	Robert W. King	Northeast Natural Energy LLC	0.125 or Greater	1568	131
	WV 061 004095 050	Judy Bastedo	Northeast Natural Energy LLC	0.125 or Greater	1565	781
	WV 061 004223 001	Mary C. Walls	Northeast Natural Energy LLC	0.125 or Greater	1568	394
	WV 061 004095 013	Janice G. Rawe	Northeast Natural Energy LLC	0.125 or Greater	1566	466
	WV 061 004095 026	Mary Sue Beckley	Northeast Natural Energy LLC	0.125 or Greater	1566	575
	WV 061 004095 005	Iolene Michael	Northeast Natural Energy LLC	0.125 or Greater	1566	555
	WV 061 004095 091	Ella Stokes	Northeast Natural Energy LLC	0.125 or Greater	1575	453
	WV 061 004095 006	Mary M. Gump	Northeast Natural Energy LLC	0.125 or Greater	1567	482
	WV 061 004095 004	Nancy L. Gump	Northeast Natural Energy LLC	0.125 or Greater	1560	241
	WV 061 004095 011	Wilma Lee Walker	Northeast Natural Energy LLC	0.125 or Greater	1566	235
	WV 061 004095 014	Eileen DiBenedetto	Northeast Natural Energy LLC	0.125 or Greater	1566	488
	WV 061 004095 008	Leah Darlene Earle	Northeast Natural Energy LLC	0.125 or Greater	1566	559
	WV 061 004095 007	Carolyn Gray	Northeast Natural Energy LLC	0.125 or Greater	1564	48
	WV 061 004095 015	Ann D. Nice	Northeast Natural Energy LLC	0.125 or Greater	1564	78
	WV 061 004095 016	Shirley J. Tennant Simpson	Northeast Natural Energy LLC	0.125 or Greater	1566	468
	WV 061 004095 140	Harrison County Society for Crippled Children and Adults	Northeast Natural Energy LLC	0.125 or Greater	1607	64
	WV 061 004602 001	Young Men's Christian Association	Northeast Natural Energy LLC	0.125 or Greater	1596	520
	WV 061 004602 002	Progressive Woman Association	Northeast Natural Energy LLC	0.125 or Greater	1596	516
	WV 061 004095 131	Knights of Columbus	Northeast Natural Energy LLC	0.125 or Greater	1600	71
	WV 061 004095 132	Catholic Daughters of America	Northeast Natural Energy LLC	0.125 or Greater	1604	178
	WV 061 004095 121	Allohak Council Inc., Boy Scouts of America	Northeast Natural Energy LLC	0.125 or Greater	1586	530
	WV 061 004095 144	Girl Scouts of America, Black Diamond Council	Northeast Natural Energy LLC	0.125 or Greater	1613	781
	WV 061 004095 093	Salem International University fka Salem College	Northeast Natural Energy LLC	0.125 or Greater	1576	130
	WV 061 004095 148	Immaculate Conception Church	Northeast Natural Energy LLC	0.125 or Greater	1615	567
	WV 061 004602 003	Harrison County Emergency Squad	Northeast Natural Energy LLC	0.125 or Greater	1596	518
	WV 061 004095 011	Shuman Inc.	Northeast Natural Energy LLC	0.125 or Greater	1564	117
	WV 061 000113 001-LA	SWN Production Company, LLC	Northeast Natural Energy LLC	0.125 or Greater	1623	482
	WV 061 005460 001	Chesapeake Appalachia, LLC	SWN Production Company, LLC	0.125 or Greater	1512	206
	WV 061 005451 001	Equinor USA Onshore Properties, Inc.	Northeast Natural Energy LLC	0.125 or Greater	1640	801
K	WV 061 004095 035	Donald Howard Parker	Northeast Natural Energy LLC	0.125 or Greater	1571	590
	WV 061 004095 125	Crystal Parker Sisk	Northeast Natural Energy LLC	0.125 or Greater	1593	456

61-01822 MOD

WW-6A1 McClellan 13H

Tract ID	NNE LEASE NUMBER	LESSOR NAME	LESSEE NAME	ROYALTY	BOOK/	PG
	WV 061 004095 119	Guy Parker	Northeast Natural Energy LLC	0.125 or Greater	1581	307
	WV 061 004095 145	Susan Colleen Angelone	Northeast Natural Energy LLC	0.125 or Greater	1610	394
	WV 061 004095 129	Diana L. Parker Rocha	Northeast Natural Energy LLC	0.125 or Greater	1596	748
	WV 061 004095 116	Donna Jean Parker	Northeast Natural Energy LLC	0.125 or Greater	1580	26
	WV 061 004095 118	Joyce Ann Parker	Northeast Natural Energy LLC	0.125 or Greater	1581	593
	WV 061 004095 107	Suzan A. Parker	Northeast Natural Energy LLC	0.125 or Greater	1578	355
	WV 061 004095 156	Beverly Jamgs aka Beverly J. Mettler	Northeast Natural Energy LLC	0.125 or Greater	133	714
	WV 061 004095 120	Regla I. Garrett	Northeast Natural Energy LLC	0.125 or Greater	1585	185
	WV 061 004095 028	Glenn Edwin Parker	Northeast Natural Energy LLC	0.125 or Greater	1565	205
	WV 061 004095 030	Larry M. Parker	Northeast Natural Energy LLC	0.125 or Greater	1565	254
	WV 061 004095 029	Jean Carol Plaster	Northeast Natural Energy LLC	0.125 or Greater	1566	423
	WV 061 004095 024	Bonnie Russell Hostutler	Northeast Natural Energy LLC	0.125 or Greater	1566	480
	WV 061 004095 102	Dawn Bennett	Northeast Natural Energy LLC	0.125 or Greater	1578	497
	WV 061 004095 159	SWN Production Company, LLC	Northeast Natural Energy LLC	0.125 or Greater	138	156
	WV 061 004095 159	Equinor USA Onshore Properties, Inc.	Northeast Natural Energy LLC	0.125 or Greater	138	168
	WV 061 004095 159	Chesapeake Appalachia, LLC	SWN Production Company, LLC	0.125 or Greater	1512	206
	WV 061 004095 159	Ruth Ann Burns	Chesapeake Appalachia, LLC	0.125 or Greater	1416	796
	WV 061 004095 017	The Burns Family General Partnership	Northeast Natural Energy LLC	0.125 or Greater	1564	248
	WV 061 004095 022	John K. Roberts	Northeast Natural Energy LLC	0.125 or Greater	1566	494
	WV 061 004095 021	Wendy Ann Roberts Hidalgo	Northeast Natural Energy LLC	0.125 or Greater	1563	81
	WV 061 004095 019	William Russell Roberts	Northeast Natural Energy LLC	0.125 or Greater	1566	539
	WV 061 004095 161	Lora Kay Napier	Northeast Natural Energy LLC	0.125 or Greater	1686	121
	WV 061 004095 162	Susan B. Floyd	Northeast Natural Energy LLC	0.125 or Greater	1688	561
	WV 061 004095 033	Donald R. Maxwell	Northeast Natural Energy LLC	0.125 or Greater	1565	244
	WV 061 004095 003	Lewis M. Maxwell	Northeast Natural Energy LLC	0.125 or Greater	1568	295
	WV 061 004095 034	Barbara McCoy	Northeast Natural Energy LLC	0.125 or Greater	1565	453
	WV 061 004095 031	Betty Wilson	Northeast Natural Energy LLC	0.125 or Greater	1566	218
	WV 061 004095 141	Tiffany Carty	Northeast Natural Energy LLC	0.125 or Greater	1609	363
	WV 061 004095 094	America Heart Association Inc.	Northeast Natural Energy LLC	0.125 or Greater	1576	132
	WV 061 004095 027	David J. Johnson	Northeast Natural Energy LLC	0.125 or Greater	1565	215
	WV 061 004095 023	Jan E. Johnson	Northeast Natural Energy LLC	0.125 or Greater	1566	391
	WV 061 004095 025	Kathryn Painter	Northeast Natural Energy LLC	0.125 or Greater	1566	529
	WV 061 004095 032	Ralph Morris, Sr.	Northeast Natural Energy LLC	0.125 or Greater	1565	257
	WV 061 004095 020	Orval E. Gump, Jr.	Northeast Natural Energy LLC	0.125 or Greater	1566	525
	WV 061 004095 037	Alan L. Lucas	Northeast Natural Energy LLC	0.125 or Greater	1565	722
	WV 061 004095 077	Amy Tucker	Northeast Natural Energy LLC	0.125 or Greater	1575	210
	WV 061 004095 090	Beth Ann Miller	Northeast Natural Energy LLC	0.125 or Greater	1575	451
	WV 061 004095 103	Cathy A. Nixon	Northeast Natural Energy LLC	0.125 or Greater	1578	495
	WV 061 004095 157	Daisy Flores	Northeast Natural Energy LLC	0.125 or Greater	133	718
	WV 061 004095 154	Cathy Barnhart	Northeast Natural Energy LLC	0.125 or Greater	133	706
	WV 061 004095 155	Kaitlynn Brown	Northeast Natural Energy LLC	0.125 or Greater	133	710
	WV 061 004095 084	Donald L. Bates	Northeast Natural Energy LLC	0.125 or Greater	1573	487
	WV 061 004095 153	Erin Wilkinson	Northeast Natural Energy LLC	0.125 or Greater	1625	822

67-01822 MON

WW-6A1 McClellan 13H

Tract ID	NNE LEASE NUMBER	LESSOR NAME	LESSEE NAME	ROYALTY	BOOK/	PG
	WV 061 004095 117	Donald T. Buchanan	Northeast Natural Energy LLC	0.125 or Greater	1580	564
	WV 061 004095 099	Donna J. Armstrong	Northeast Natural Energy LLC	0.125 or Greater	1577	33
	WV 061 004095 065	Everett Bishop	Northeast Natural Energy LLC	0.125 or Greater	1568	380
	WV 061 004095 067	Francis Shunk	Northeast Natural Energy LLC	0.125 or Greater	1568	384
	WV 061 004095 106	Fred Parker	Northeast Natural Energy LLC	0.125 or Greater	1578	503
	WV 061 004095 142	George Darrah	Northeast Natural Energy LLC	0.125 or Greater	1609	365
	WV 061 004095 073	Gerald Lucas	Northeast Natural Energy LLC	0.125 or Greater	1571	586
	WV 061 004095 114	James W. Parker	Northeast Natural Energy LLC	0.125 or Greater	1578	365
	WV 061 004095 066	Jeanie Pelkey	Northeast Natural Energy LLC	0.125 or Greater	1568	382
	WV 061 004095 108	Jerry D. Lucas	Northeast Natural Energy LLC	0.125 or Greater	1578	357
	WV 061 004095 068	Gerald Lee Shunk aka Jerry Shunk	Northeast Natural Energy LLC	0.125 or Greater	1568	388
	WV 061 004095 151	Karen L. Darrah	Northeast Natural Energy LLC	0.125 or Greater	1615	664
	WV 061 004095 127	Kevin J. Durbin	Northeast Natural Energy LLC	0.125 or Greater	1594	216
	WV 061 004095 113	Kevin L. Darrah	Northeast Natural Energy LLC	0.125 or Greater	1578	363
	WV 061 004095 100	Kimberly Forshey	Northeast Natural Energy LLC	0.125 or Greater	1594	202
	WV 061 004095 101	Larry A. Parker and Alexa J. Parker	Northeast Natural Energy LLC	0.125 or Greater	1578	351
	WV 061 004095 105	Lisa Watters	Northeast Natural Energy LLC	0.125 or Greater	1578	353
	WV 061 004095 115	Lynne A. Suttton	Northeast Natural Energy LLC	0.125 or Greater	1580	24
	WV 061 004095 038	Mildred A. Lukich	Northeast Natural Energy LLC	0.125 or Greater	1567	462
	WV 061 004095 111	Monty Gilmore	Northeast Natural Energy LLC	0.125 or Greater	1578	359
	WV 061 004095 158	Michael A. Parker	Northeast Natural Energy LLC	0.125 or Greater	133	722
	WV 061 004095 098	Virginia S. LaFever	Northeast Natural Energy LLC	0.125 or Greater	1577	31
	WV 061 004095 112	Richard Gilmore	Northeast Natural Energy LLC	0.125 or Greater	1578	361
	WV 061 004095 039	Robert A. Parker	Northeast Natural Energy LLC	0.125 or Greater	1565	801
	WV 061 004095 085	Robert D. Buchanan	Northeast Natural Energy LLC	0.125 or Greater	1573	489
	WV 061 004095 130	Robin L. Bailey	Northeast Natural Energy LLC	0.125 or Greater	1597	155
	WV 061 004095 086	Russell T. Gilmore	Northeast Natural Energy LLC	0.125 or Greater	1575	282
	WV 061 004095 104	Sharon LaMarca	Northeast Natural Energy LLC	0.125 or Greater	1578	499
	WV 061 004095 137	Sheila E. Kemp	Northeast Natural Energy LLC	0.125 or Greater	1606	19
	WV 061 004095 075	Vada June Sebring	Northeast Natural Energy LLC	0.125 or Greater	1572	23
	WV 061 004095 076	Elizabeth A. Penafiorida	Northeast Natural Energy LLC	0.125 or Greater	1572	26
	WV 061 004095 143	Vicki Jarrell	Northeast Natural Energy LLC	0.125 or Greater	1609	367
	WV 061 004095 136	William D. Holderbaum	Northeast Natural Energy LLC	0.125 or Greater	1606	17
	WV 061 004095 036	Robert W. King	Northeast Natural Energy LLC	0.125 or Greater	1568	131
	WV 061 004095 050	Judy Bastedo	Northeast Natural Energy LLC	0.125 or Greater	1565	781
	WV 061 004223 001	Mary C. Walls	Northeast Natural Energy LLC	0.125 or Greater	1568	394
	WV 061 004095 013	Janice G. Rawe	Northeast Natural Energy LLC	0.125 or Greater	1566	466
	WV 061 004095 026	Mary Sue Beckley	Northeast Natural Energy LLC	0.125 or Greater	1566	575
	WV 061 004095 005	Isolene Michael	Northeast Natural Energy LLC	0.125 or Greater	1566	555
	WV 061 004095 091	Ella Stokes	Northeast Natural Energy LLC	0.125 or Greater	1575	453
	WV 061 004095 006	Mary M. Gump	Northeast Natural Energy LLC	0.125 or Greater	1567	482
	WV 061 004095 004	Nancy L. Gump	Northeast Natural Energy LLC	0.125 or Greater	1560	241
	WV 061 004095 011	Wilma Lee Walker	Northeast Natural Energy LLC	0.125 or Greater	1566	235

61-0182 J MOD

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McClellan 13H

Tract ID	NNE LEASE NUMBER	LESSOR NAME	LESSEE NAME	ROYALTY	BOOK/	PG
	WV 061 004095 014	Eileen DiBenedetto	Northeast Natural Energy LLC	0.125 or Greater	1566	488
	WV 061 004095 008	Leah Darlene Earle	Northeast Natural Energy LLC	0.125 or Greater	1566	559
	WV 061 004095 007	Carolyn Gray	Northeast Natural Energy LLC	0.125 or Greater	1564	48
	WV 061 004095 015	Ann D. Nice	Northeast Natural Energy LLC	0.125 or Greater	1564	78
	WV 061 004095 016	Shirley J. Tennant Simpson	Northeast Natural Energy LLC	0.125 or Greater	1566	468
	WV 061 004095 140	Harrison County Society for Crippled Children and Adults	Northeast Natural Energy LLC	0.125 or Greater	1607	64
	WV 061 004602 001	Young Men's Christian Association	Northeast Natural Energy LLC	0.125 or Greater	1596	520
	WV 061 004602 002	Progressive Woman Association	Northeast Natural Energy LLC	0.125 or Greater	1596	516
	WV 061 004095 131	Knights of Columbus	Northeast Natural Energy LLC	0.125 or Greater	1600	71
	WV 061 004095 132	Catholic Daughters of America	Northeast Natural Energy LLC	0.125 or Greater	1604	178
	WV 061 004095 121	Allohak Council Inc., Boy Scouts of America	Northeast Natural Energy LLC	0.125 or Greater	1586	530
	WV 061 004095 144	Girl Scouts of America, Black Diamond Council	Northeast Natural Energy LLC	0.125 or Greater	1613	781
	WV 061 004095 093	Salem International University fka Salem College	Northeast Natural Energy LLC	0.125 or Greater	1576	130
	WV 061 004095 148	Immaculate Conception Church	Northeast Natural Energy LLC	0.125 or Greater	1615	567
	WV 061 004602 003	Harrison County Emergency Squad	Northeast Natural Energy LLC	0.125 or Greater	1596	518
	WV 061 004095 011	Shuman Inc.	Northeast Natural Energy LLC	0.125 or Greater	1564	117
	WV 061 005460 001	Chesapeake Appalachia, LLC	SWN Production Company, LLC	0.125 or Greater	1512	206
	WV 061 005451 001	Equinor USA Onshore Properties, Inc.	Northeast Natural Energy LLC	0.125 or Greater	1640	801
L	WV 061 000113 001-LA	SWN Production Company, LLC	Northeast Natural Energy LLC	0.125 or Greater	1623	482
	WV 061 005460 001	Chesapeake Appalachia, LLC	SWN Production Company, LLC	0.125 or Greater	1512	206
	WV 061 005451 001	Equinor USA Onshore Properties	Northeast Natural Energy LLC	0.125 or Greater	1640	801
	WV 061 005460 001	Chesapeake Appalachia, LLC	SWN Production Company, LLC	0.125 or Greater	124	224
	WV 061 005460 001	James S. King	Chesapeake Appalachia, LLC	0.125 or Greater	1418	778
M	WV 061 000113 001-LA	SWN Production Company, LLC	Northeast Natural Energy LLC	0.125 or Greater	1623	482
	WV 061 005269 001	Evan A. Moore	Northeast Natural Energy LLC	0.125 or Greater	1623	480
N	WV 061 000113 001-LA	SWN Production Company, LLC	Northeast Natural Energy LLC	0.125 or Greater	1623	482
	WV 061 005459 000	Chesapeake Appalachia, LLC	SWN Production Company, LLC	0.125 or Greater	124	224
	WV 061 005459 000	Nelson D. Gallagher and Cheryl L. Gallagher	Chesapeake Appalachia, LLC	0.125 or Greater	1422	207
O	WV 061 000317 001-LA	SWN Production Company, LLC	Northeast Natural Energy LLC	0.125 or Greater	1689	320
	WV 061 000317 001-LA	Chesapeake Appalachia, LLC	SWN Production Company, LLC	0.125 or Greater	1434	507

61-01822 MOD



January 23, 2020

WV Department of Environmental Protection
Office of Oil and Gas Management
601 57th Street, SE
Charleston, West Virginia 25304

RE: McClellan 5H, 9H, 13H, 17H

Dear Permit Reviewer:

Please be advised that Northeast Natural Energy LLC has the right to drill, extract and produce the minerals beneath the roads identified as Frank Haught Road (State Route 15/9), Crossroads-Fairview Road (Route 15), Simon Haught Road (Route 17/4), County Route 13, and Graveyard Hill on the enclosed survey plats.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Charles Dornetto', is written over the word 'Sincerely,'.

Charles Dornetto
Manager – Land Operations

Enclosure

RECEIVED
Office of Oil and Gas

JAN 29 2020

WV Department of
Environmental Protection