



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

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Thursday, September 30, 2021
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 PHOENIX 8H
47-061-01876-00-00

Extended Lateral Length

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, Chief, is written over the text of the letter.

James A. Martin
Chief

Operator's Well Number: PHOENIX 8H
Farm Name: CHARLES WENDELL MOORE & FRANK M. CHISHAM
U.S. WELL NUMBER: 47-061-01876-00-00
Horizontal 6A New Drill
Date Modification Issued: 9/30/2021

Promoting a healthy environment.

10/08/2021

Expedited Permit Modification

4706101876

Received date: 9/22/21

Expedited Final Date: _____

Operator: NINE

Well Name: 8H

Pad Name: Phoenix

API: 47-061-01876

	MODIFIED PERMIT	ORIGINAL PERMIT
TVD	8200	✓
TMD	26434	21162
HL	17675	12270
FW	1238	✓
SW	2222	✓
COAL	1250	450, 1250
CONDUCTOR	100	✓
FRESHWATER	1500	✓
INTERMEDIATE 1	2760	✓
INTERMEDIATE 2		
PRODUCTION	26434	21,162

Notes:

A - 4079-001 ✓	N - 4956-001 ✓
E - 4076-001 ✓	O - 4098-025 ✓
D - 4463-001 ✓	P - 146-001 ✓
G - 5638-001 ✓	Q - 5267-001 ✓
H - 4361-001 ✓	R - 146-001 ✓
J - 4481-001 ✓	
J - 1906-070 ✓	
K - 2123-001 ✓	
M - 1918-128 ✓	New AOP

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

1) Well Operator: Northeast Natural Energy 494498281 Monongalia Battelle Wadestown
Operator ID County District Quadrangle

2) Operator's Well Number: 8H Well Pad Name: Phoenix

3) Farm Name/Surface Owner: Charles Wendell Moore & Frank M. Chisler Public Road Access: Graveyard Hill/Route 15/2

4) Elevation, current ground: 1,538' Elevation, proposed post-construction: 1,503'

5) Well Type (a) Gas Oil Underground Storage

Other _____

(b) If Gas Shallow Deep

Horizontal

6) Existing Pad: Yes or No No

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Marcellus, 8,200', 79', 3600 psi

8) Proposed Total Vertical Depth: 8,200'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 26,434'

11) Proposed Horizontal Leg Length: 17,675'

12) Approximate Fresh Water Strata Depths: 1,238'

13) Method to Determine Fresh Water Depths: Drillers Log from Offset Wells

14) Approximate Saltwater Depths: 2,222'

15) Approximate Coal Seam Depths: 1,250'

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 active/non-producing No

(a) If Yes, provide Mine Info: Name: Federal #2
Depth: 1,250'
Seam: Pittsburgh
Owner: Phoenix Federal No 2 Mining, LLC

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Office of Oil and Gas
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WV Department of
Environmental Protection

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	NA	100'	100'	CTS
Fresh Water	13-3/8	New	J-55	54.5	1,500'	1,470'	CTS
Coal							
Intermediate	9-5/8	New	J-55	36	2,760'	2,730'	CTS
Production	5-1/2	New	P-110	20	26,434'	26,404'	6,316
Tubing	2-7/8	New	P-110	6.5	NA	8,500	NA
Liners							

** Freshwater casing set to 1,470' due to Red Rock formation *Bryan Harris*
9.15.21

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"	32"	0.375	NA	NA	Type 1	1.19
Fresh Water	13-3/8"	17-1/2"	0.380	2,730	500	Class A	1.19
Coal							
Intermediate	9-5/8"	12-3/8"	0.395	3,520	2800	Class A	1.19
Production	5-1/2"	8-3/4"	0.361	14,360	11,500 (frac)	50:50 POZ	1.16
Tubing	2-7/8"	NA	0.217	13,870	NA	NA	NA
Liners							

PACKERS

Kind:				
Sizes:				
Depths Set:				

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 Office of Oil and Gas
 SEP 22 2021
 WV Department of
 Environmental Protection

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

Utilize auger rig to set cellar & conductor. The conductor will be grouted with cement to surface. Mobilize top hole drilling rig. Drill surface section on air. Run surface (freshwater & coal string) casing to desired depth. The surface section will not penetrate sea level. Surface casing will be cemented to surface. Drill intermediate section on air. Run intermediate casing to desired depth. Intermediate casing will be cemented to surface. Drill on air the production section to the start of the curve (KOP). The well will be loaded with synthetic oil base drilling mud (SOBM). Demobilize top hole rig. Mobilize horizontal drilling rig. Finish drilling the production section utilizing MWD surveys and geosteering practices to maintain the wellbore in the Marcellus shale and prevent anti-collision. Production casing will be ran to TD and cement top will be inside the intermediate casing.

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

A cement bond log will determine the top of production casing cement. The production casing will be pressure tested. The hydraulic fracturing equipment will then open the toe sleeves and begin pumping the first stage. The plug-and-perf method will be used for the remaining stages. The max anticipated pressure during frac is 11,200psi and a max rate of 90bpm. After frac, the drillout rig will drill all plugs out of the well. Land production tubing at desired depth. Then flowback well until ready to turn in line to production facilities.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 72.29

22) Area to be disturbed for well pad only, less access road (acres): 31.65

23) Describe centralizer placement for each casing string:

Surface: shoe track & every 3rd joint to surface
Intermediate: shoe track & every 3rd joint to surface
Production: Rigid bow centralizers at shoe track & every other joint in the lateral to KOP. Bow springs from KOP to surface every third joint.

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

Surface string cement will be a Type 1 + Max 3% bwoc Calcium Chloride Fresh Water blend.
Intermediate string cement will be a Type 1 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 & intermediate on air will utilize high volumetric flow rates of air to ensure the wellbore is clean prior to TOH.
Production section will utilize synthetic oil based drilling mud to properly clean the wellbore. At TD, pump rate and rotation will be maximized and tripping will not begin until shakers flow clean.
Production casing will be circulated prior to cementing to ensure a prepared wellbore for cement.

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Office of Oil and Gas

*Note: Attach additional sheets as needed.

SEP 22 2021



NORTHEAST NATURAL ENERGY, LLC

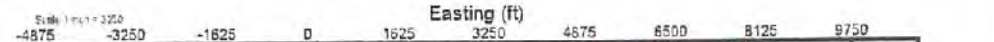
Location: Monongalia County, WV
 Field: Monongalia
 Facility: Phoenix Pad

Slot: Slot 08
 Well: Phoenix 8H
 Wellbore: Phoenix 8H PWB

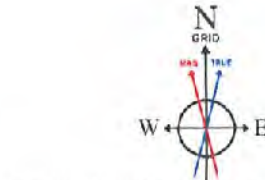
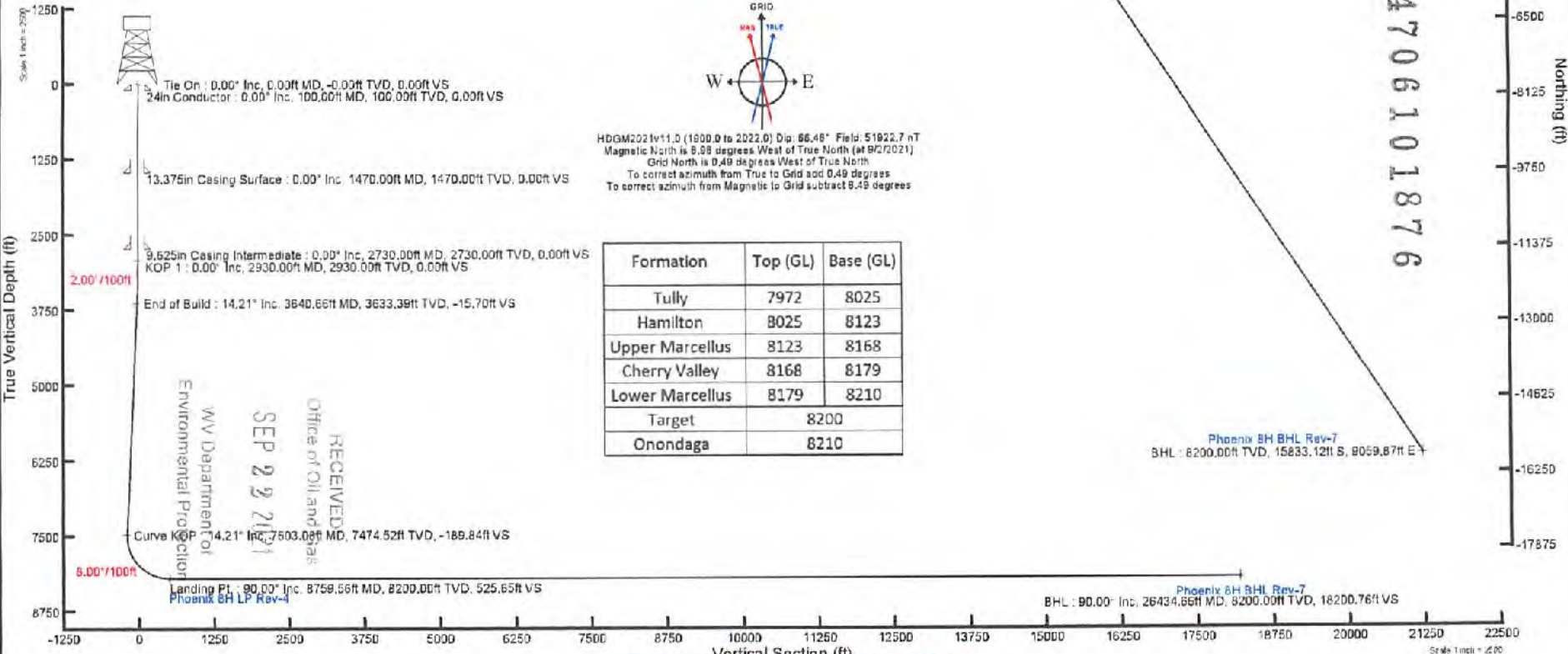


Location Information				
Facility Name	Grid East (UTM)	Grid North (UTM)	Latitude	Longitude
Phoenix Pad	17000.000	47061.018	39°19'24.141N	80°19'19.241W
Well	17000.000	47061.018	39°19'24.141N	80°19'19.241W
Wellbore	17000.000	47061.018	39°19'24.141N	80°19'19.241W
Ground Level (GL) to Ground Level (GL) Slot 08 (GL)			08	
Mean True Level to Ground Level (GL) Slot 08 (GL)			-15.075	
Ground Level (GL) to Mean Sea Level			10.008	

Casing Type	Hole Size	Casing Size	Grade	Weight	Casing Depth (GL)	Drill Depth (GL)
Conductor	28"	24"	N/A	N/A	100	100
Surface	17.5"	13.375"	J-55	54.5	1470	1500
Intermediate	12.375"	9.625"	J-55	36	2730	2760



Tie On: -0.00ft TVD, 0.00ft N, 0.00ft E
 KOP 1: 2930.00ft TVD, 0.00ft N, 0.00ft E
 End of Build: 3633.39ft TVD, 34.71ft S, 60.53ft W
 Curve KOP: 7474.52ft TVD, 419.63ft S, 973.95ft W
 Landing Pt.: 8200.00ft TVD, 1115.72ft S, 728.25ft W
 Phoenix 8H LP Rev-4



HDGM2021v11.0 (1800.0 to 2022.0) Dip: 66.48° Field: 51922.7 nT
 Magnetic North is 8.88 degrees West of True North (at 9/2/2021)
 Grid North is 0.49 degrees West of True North
 To correct azimuth from True to Grid add 0.49 degrees
 To correct azimuth from Magnetic to Grid subtract 8.49 degrees

Formation	Top (GL)	Base (GL)
Tully	7972	8025
Hamilton	8025	8123
Upper Marcellus	8123	8168
Cherry Valley	8168	8179
Lower Marcellus	8179	8210
Target	8200	
Onondaga	8210	

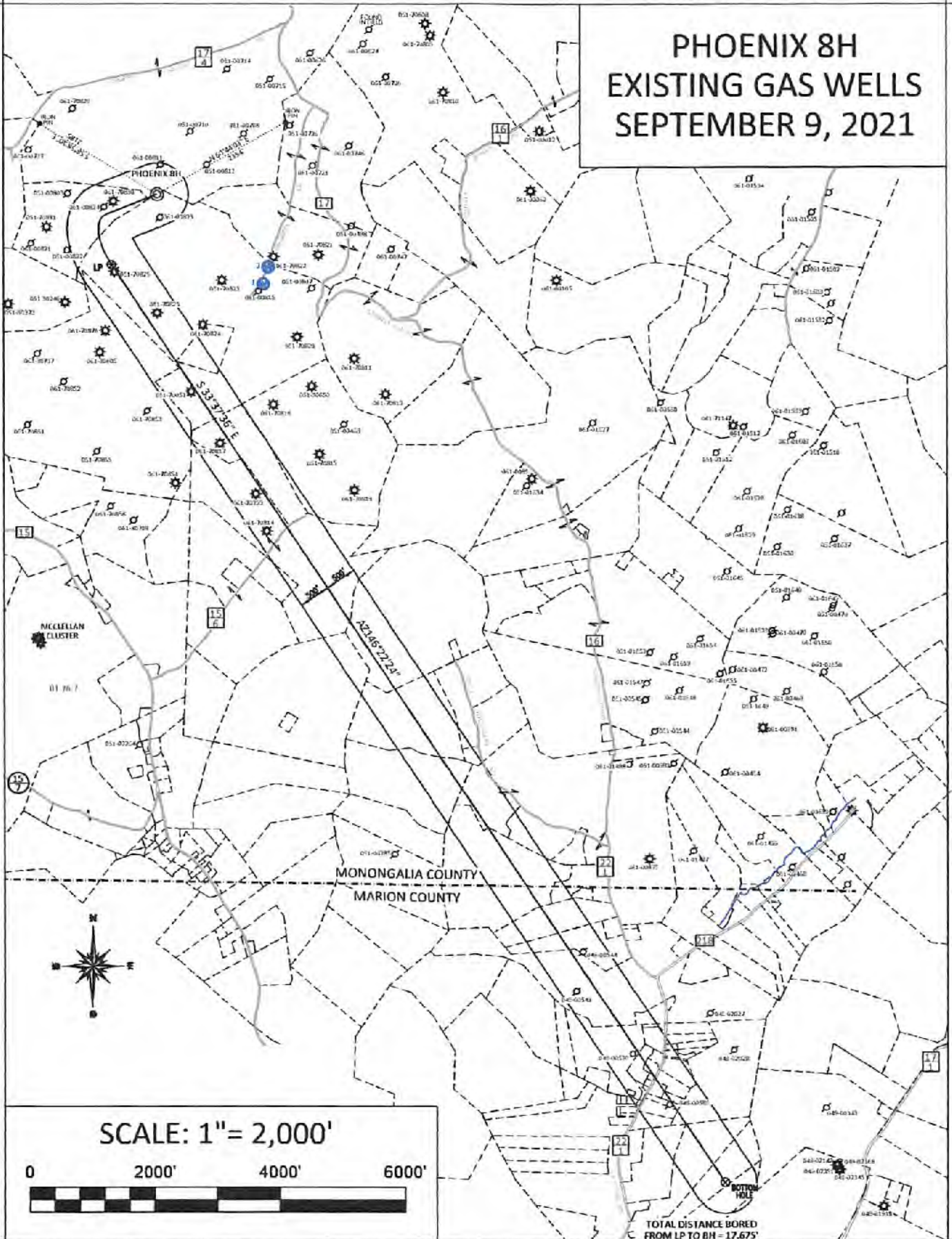
Azimuth 146.37° with reference 0.00 N, 0.00 E

Phoenix 8H Area of Review

API Number	Well Name	Well Number	Operator	Latitude (NAD 27)	Longitude (NAD 27)	TMP	TVD	Comments
47-061-70830	South Penn Oil	NA	NA	39.640913	-80.274385	1-24-16	NA	Pre 1929 farm well
47-061-00824	William M. Conners	NA	Eastern Associated / Peabody Coal Company	39.640646	-80.275119	1-24-16	NA	Plugged 11/12/1986
47-061-70051	Haught & Walker	18	South Penn Oil	39.632640	-80.26988	1-24-19.1	3316	Pre 1929 farm well
47-061-70817	Marion Brookover	1	NA	39.630318	-80.268005	1-24-25.1	NA	Pre 1929 farm well
47-061-70223	Jas Brookover	3	South Penn Oil	39.628176	-80.266114	1-24-25	NA	Pre 1929 farm well
47-061-70814	Marion Brookover	3	NA	39.625673	-80.265565	1-24-25	NA	Pre 1929 farm well
47-061-70825	Haught & Walker	12	NA	39.636124	-80.271757	1-24-19.1	NA	Pre 1929 farm well
47-061-70826	Haught & Walker	6	NA	39.637865	-80.274573	1-24-19.1	NA	Pre 1929 farm well
47-061-00823	Haught & Walker	15	Eastern Associated / Peabody Coal Company	39.640211	-80.27193	1-24-19.1	3337	Plugged 1/12/1987
47-049-00543	David Jones	5	South Penn Oil (S. Penn Nat. Gas)	39.606375	-80.248062	16-2-14	3118	Fifth
47-049-00590	Roger & Catherine Hinkle	9	East Resources, Inc.	39.603607	-80.244798	16-2-11	NA	Plugged 9/16/2009
47-049-00589	Orville & Amy Bell	5	East Resources, Inc.	39.601368	-80.242702	16-9-11	NA	Plugged 8/27/2009
47-049-00544	David Jones	12	Pennzoil Company	39.608115	-80.247688	16-2-14.10	3142	Fifth

4706101876

PHOENIX 8H EXISTING GAS WELLS SEPTEMBER 9, 2021



4706101876



northeast
NATURAL ENERGY

Ray Ham
9.15.21

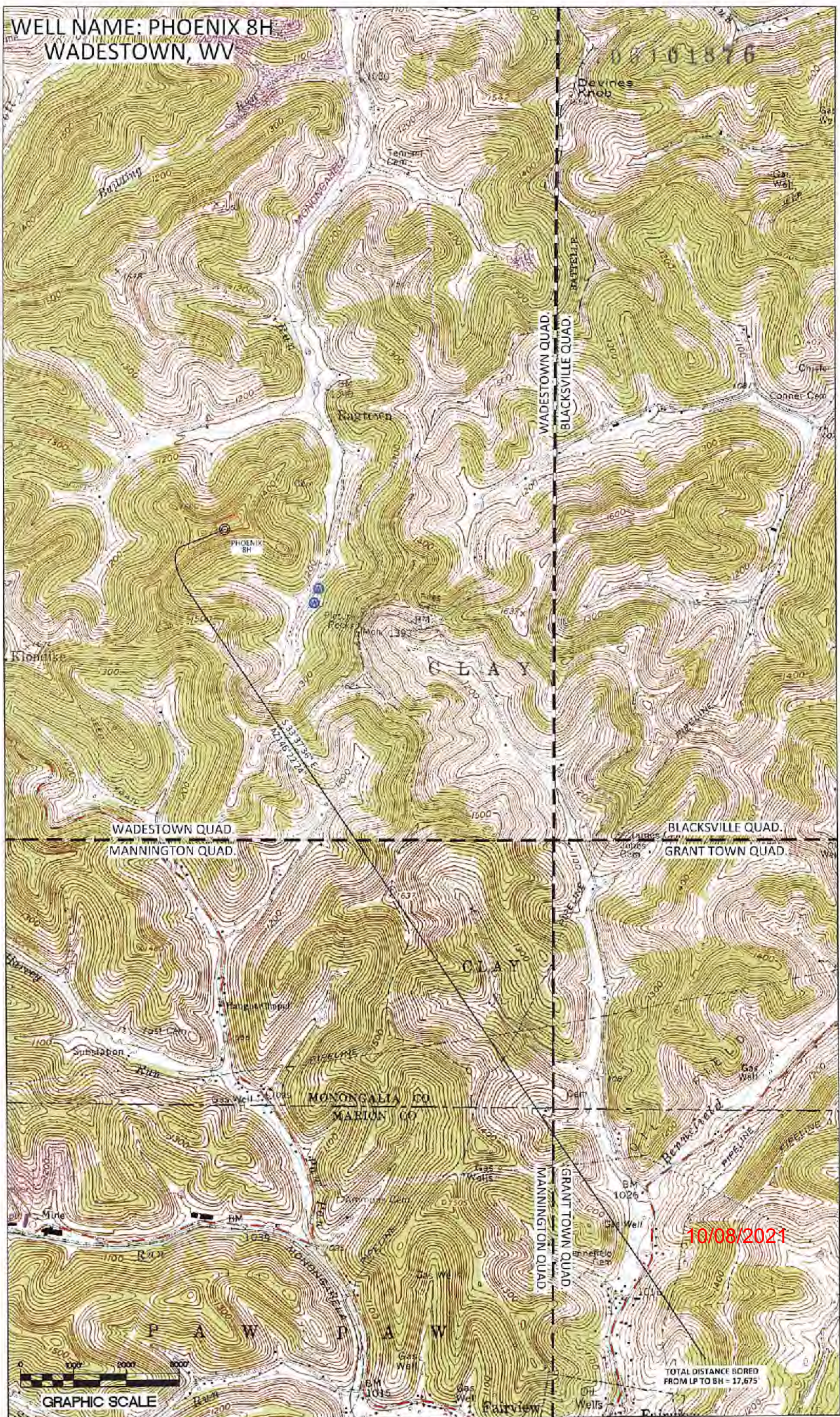
Phoenix 8H
Site Safety Plan

September 2021

10/08/2021

WELL NAME: PHOENIX 8H
WADESTOWN, WV

00101876



WADESTOWN QUAD
MANNINGTON QUAD.

BLACKSVILLE QUAD.
GRANT TOWN QUAD.

CLAY

CLAY

MONONGALIA CO
MARION CO

P A W P A W

10/08/2021

TOTAL DISTANCE BORED
FROM LP TO BH = 17,675'



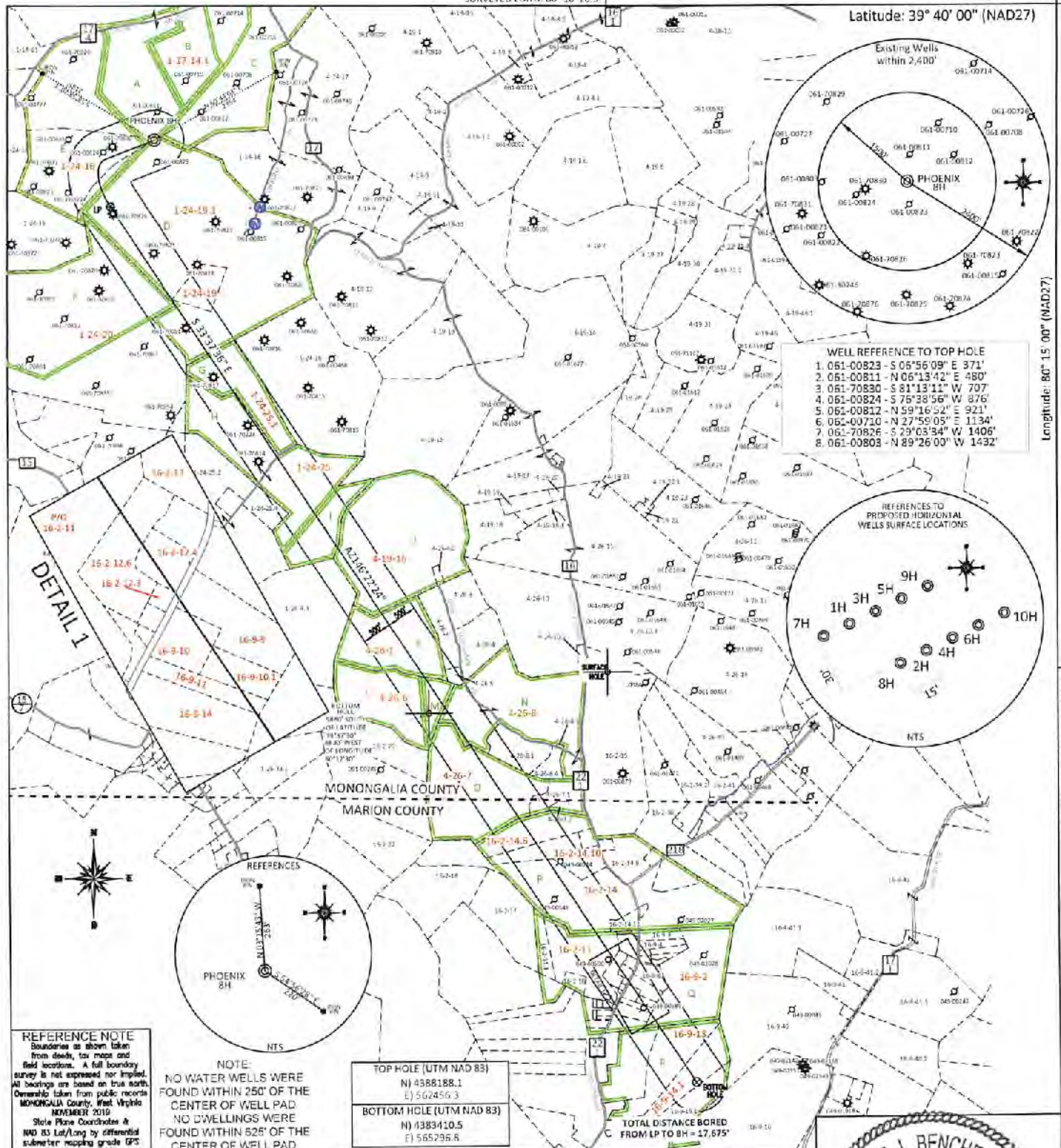
GRAPHIC SCALE

SURFACE HOLE DEC. LONG: 80° 27' 23.17"
SURVEYED LONG: 80° 16' 26.3"

5,280'

Latitude: 39° 40' 00" (NAD27)

Longitude: 80° 15' 00" (NAD27)



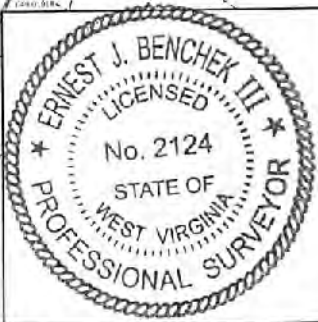
REFERENCE NOTE
Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Contour data taken from public records MONONGALIA County, West Virginia NOVEMBER 2019. State Plane Coordinates & NAD 83 Levelling by differential submeter mapping grade GPS. Drafted by EAH.

NOTE:
NO WATER WELLS WERE FOUND WITHIN 250' OF THE CENTER OF WELL PAD
NO DWELLINGS WERE FOUND WITHIN 525' OF THE CENTER OF WELL PAD

TOP HOLE (UTM NAD 83)
N) 4388188.1
E) 562456.3

BOTTOM HOLE (UTM NAD 83)
N) 4383410.5
E) 565295.6

TOTAL DISTANCE BORED FROM LP TO BH = 17,675'



FILE #: NNE16
DRAWING #: 2960
SCALE: 1" = 2400'
1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SOURCE OF ELEVATION: SUBMETER MAPPING GRADE GPS

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
Well Type: Oil Waste Diposal Production Deep
 Gas Liquid Injection Storage Shallow
WATERSHED: DUNKARD CREEK
COUNTY/DISTRICT: MONONGALIA / BATELLE
SURFACE OWNER: CHARLES WENDELL MOORE & FRANK M. CHISLER
OIL & GAS ROYALTY OWNER: Pat L. Park, et al
LEASE NUMBERS: SEE PAGE 2
TARGET FORMATION: MARCELLUS
WELL OPERATOR: NORTHEAST NATURAL ENERGY LLC
ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200
CITY: CHARLESTON STATE: WV ZIP CODE: 25301

DATE: SEPTEMBER 9, 2021
OPERATOR'S WELL #: PHOENIX 8H
API WELL #: 47 61 01876 MOD
STATE COUNTY PERMIT
CURRENT ELEVATION: 1,538'
PROPOSED ELEVATION: 1,503.50'
QUADRANGLE: WADESTOWN
ACREAGE: 466.30 +/-
ACREAGE: 1324.2 **10/08/2021**
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY):
ESTIMATED DEPTH: TYD: 8,200' TMD: 26,434'
DESIGNATED AGENT: JOHN ADAMS
ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200
CITY: CHARLESTON STATE: WV ZIP CODE: 25301

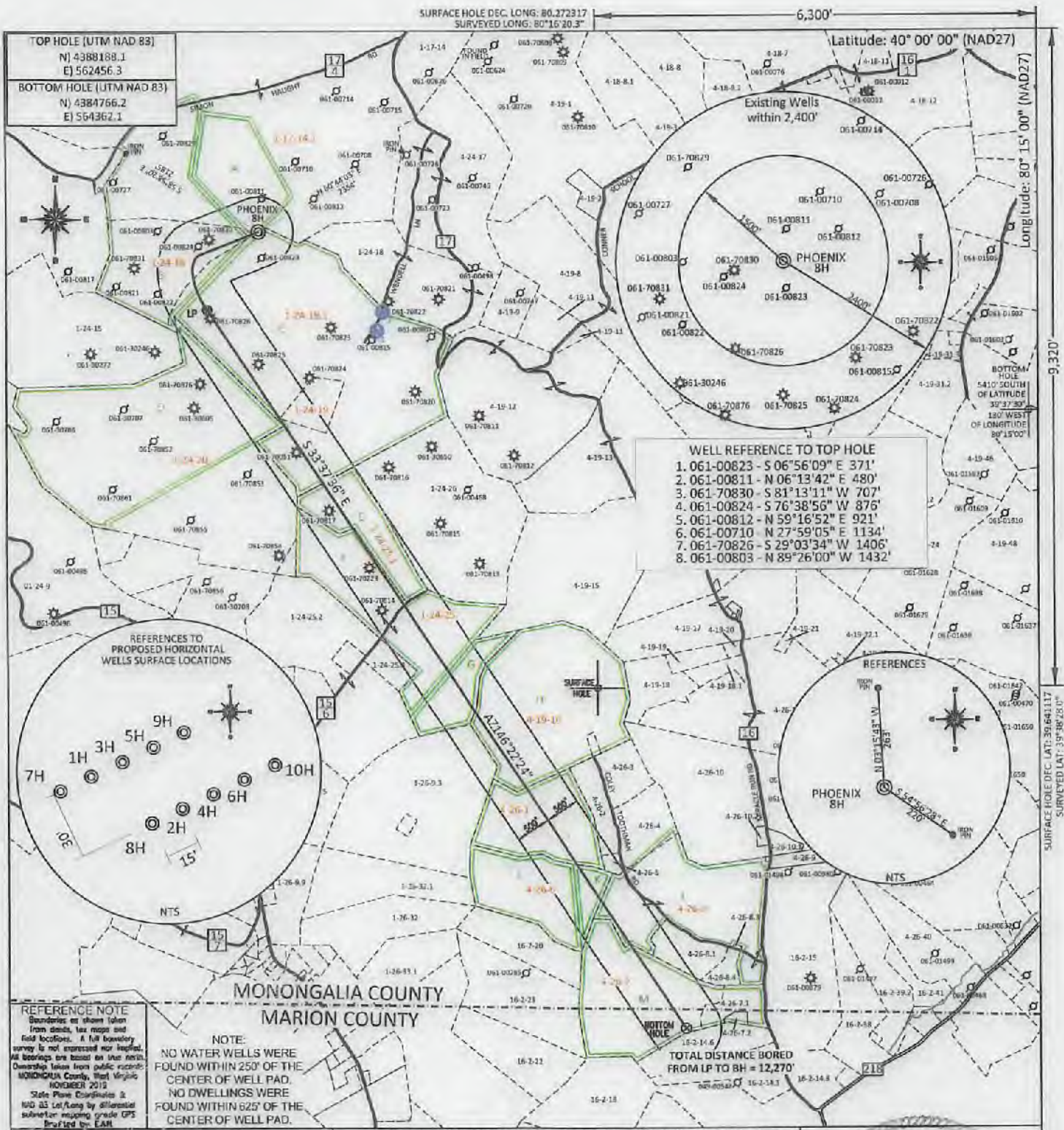
4706101876

PROPERTY OWNER INDEX	
1-17-14.1	FRANK M. CHISLER
1-24-16	ELIZABETH ANN & RANDY WILSON
1-24-19.1	CHARLES WENDELL MOORE
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4-26-8	BILLY C. HAUGHT TRS ET AL
4-26-7	MITCHELL & TERRI MAYLE
16-2-14.6	BILLY C & BETTY A HAUGHT
16-2-14.1	BILLY C & BETTY A HAUGHT
16-2-14	DENZIL R & CONNIE J HEANEY
16-2-11	ROGER D & CATHERINE J HINKLE
16-2-13	CECIL M CURFMAN
16-2-12.4	CECIL M CURFMAN
16-2-12.6	CECIL M CURFMAN
16-2-12.3	SHEILA ROBBINS & JOY ALVARADO
16-9-9	PATRICIA A & LENARD C EDDY
16-9-10	PATRICIA A & LENARD C EDDY
16-9-10.1	PATRICIA A & LENARD C EDDY
16-9-11	BETTY M TRIPLET
16-9-14	RHONDA HAUGHT & STANLEY T HAUGHT JR
16-9-2	AL MCPHERSON
16-9-13	JAMES F & JENNIFER A HLUSKO
16-9-14.1	RHONDA HAUGHT & STANLEY T HAUGHT JR

LEASE INDEX			
A	WV-061-004079-001	J	WV-061-001906-020
B	WV-061-004079-001	K	WV-061-002123-001
C	WV-061-003767-004	L	WV-061-001918-042
D	WV-061-004463-001	M	WV-061-001918-128
E	WV-061-004076-010	N	WV-061-004956-011
F	WV-061-005457-001	O	WV-061-004098-025
G	WV-061-005638-001	P	WV-061-000146-001-LOI
H	WV-061-004301-001	Q	WV-049-005267-001
I	WV-061-004481-001	R	WV-061-000146-001-LOI

10/08/2021

FILE #: <u>NEE14</u>	DATE: <u>SEPTEMBER 9, 2021</u>
DRAWING #: <u>2960</u>	OPERATOR'S WELL #: <u>PHOENIX 8H</u>
SCALE: <u>N/A</u>	API WELL #: <u>47</u> <u>61</u> <u>01876 MOD</u> STATE COUNTY PERMIT



REFERENCE NOTE
 Boundaries as shown taken from maps, 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 NOVEMBER 2019 State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS Drafted by: EAR

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 #: NNE16
 DRAWING #: 2960
 SCALE: PLAT: 1" = 2000'
TOP: 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 WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
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Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: DUNKARD CREEK
 COUNTY/DISTRICT: MONONGALIA / BATTLE
 SURFACE OWNER: CHARLES WENDELL MOORE & FRANK M. CHISLER
 OIL & GAS ROYALTY OWNER: Pat L. Park, et al
 LEASE NUMBERS: SEE PAGE 2

DATE: MARCH 2, 2021
 OPERATOR'S WELL #: PHOENIX 8H
 API WELL #: 47 61 01876 H6A
 STATE COUNTY PERMIT
 CURRENT ELEVATION: 1,538'
 PROPOSED ELEVATION: 1,503.50'
 QUADRANGLE: WADESTOWN
 ACREAGE: 466.30 +/-
 ACREAGE: 883.567 +/-

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
 WELL OPERATOR: NORTHEAST NATURAL ENERGY LLC
 ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200
 CITY: CHARLESTON STATE: WV ZIP CODE: 25301

ESTIMATED DEPTH: TVD: 8,200' TMD: 21,162'
 DESIGNATED AGENT: JOHN ADAMS
 ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200
 CITY: CHARLESTON STATE: WV ZIP CODE: 25301

10/08/2021

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LEASE INDEX			
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B	WV-061-004076-010	I	WV-061-002123-007
C	WV-061-004463-001	J	WV-061-001918-042
D	WV-061-004189-001	K	WV-061-001918-128
E	WV-061-005638-001	L	WV-061-005699-001
F	WV-061-004301-001	M	WV-061-004098-025
G	WV-061-004358-003		

10/08/2021

FILE #: <u>NEE14</u>	DATE: <u>MARCH 2, 2021</u>
DRAWING #: <u>2960</u>	OPERATOR'S WELL #: <u>PHOENIX 8H</u>
SCALE: <u>N/A</u>	API WELL #: <u>47</u> <u>61</u> <u>01876 HGA</u> STATE COUNTY PERMIT

WW-6A1
(5/13)Operator's Well No. Phoenix 8H

**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 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

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Office of Oil and Gas

SEP 22 2021

WV Department of
Environmental Protection

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, LLCBy: Hollie Medley Its: Regulatory Manager

Tract	Lease Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book	Page
A	WV-061-004079-001	Pat L. Park	Northeast Natural Energy, LLC	12.5% or Greater	1566	164
A	WV-061-004446-002	Richard Nichols	Northeast Natural Energy, LLC	12.5% or Greater	1582	359
A	WV-061-004446-001	John Nichols	Northeast Natural Energy, LLC	12.5% or Greater	1581	357
A	WV-061-004446-003	Harold Tinker	Northeast Natural Energy, LLC	12.5% or Greater	1581	362
A	WV-061-004079-002	Gordon E. Park	Northeast Natural Energy, LLC	12.5% or Greater	1565	582
A	WV-061-004079-003	Paulette Park	Northeast Natural Energy, LLC	12.5% or Greater	1566	162
A	WV-061-003767-004	ERP Federal Mining Complex, LLC	Northeast Natural Energy, LLC	12.5% or Greater	1564	86
B	WV-061-004079-001	Pat L. Park	Northeast Natural Energy, LLC	12.5% or Greater	1566	164
B	WV-061-004446-002	Richard Nichols	Northeast Natural Energy, LLC	12.5% or Greater	1582	359
B	WV-061-004446-001	John Nichols	Northeast Natural Energy, LLC	12.5% or Greater	1581	357
B	WV-061-004446-003	Harold Tinker	Northeast Natural Energy, LLC	12.5% or Greater	1581	362
B	WV-061-004079-002	Gordon E. Park	Northeast Natural Energy, LLC	12.5% or Greater	1565	582
B	WV-061-004079-003	Paulette Park	Northeast Natural Energy, LLC	12.5% or Greater	1566	162
B	WV-061-003767-004	ERP Federal Mining Complex, LLC	Northeast Natural Energy, LLC	12.5% or Greater	1564	86
C	WV-061-003767-004	ERP Federal Mining Complex, LLC	Northeast Natural Energy, LLC	12.5% or Greater	1564	86
D	WV-061-004463-001	Patricia A. Haught	Northeast Natural Energy LLC	12.5% or Greater	1585	207
D	WV-061-004463-006	Regina Sue White	Northeast Natural Energy LLC	12.5% or Greater	1589	799
D	WV-061-004463-014	Belva York	Northeast Natural Energy LLC	12.5% or Greater	1589	833
D	WV-061-004463-010	Gary K. Moore and Janice Moore	Northeast Natural Energy LLC	12.5% or Greater	1589	829
D	WV-061-004463-012	Eric R. Moore and Connie L. Moore	Northeast Natural Energy LLC	12.5% or Greater	1589	809
D	WV-061-004463-009	Karen Breedlove	Northeast Natural Energy LLC	12.5% or Greater	1589	805
D	WV-061-004463-007	Kathy Sue Breedlove	Northeast Natural Energy LLC	12.5% or Greater	1589	801
D	WV-061-004463-021	Robert C. Moore	Northeast Natural Energy LLC	12.5% or Greater	1591	288
D	WV-061-004463-008	William K. Moore	Northeast Natural Energy LLC	12.5% or Greater	1589	803
D	WV-061-004463-011	Shirley Foster	Northeast Natural Energy LLC	12.5% or Greater	1589	807
D	WV-061-004463-013	Jackie Cotter	Northeast Natural Energy LLC	12.5% or Greater	1589	831
D	WV-061-004463-015	Ronald J. Haught	Northeast Natural Energy LLC	12.5% or Greater	1590	343
D	WV-061-004463-004	David M. Haught	Northeast Natural Energy LLC	12.5% or Greater	1588	434
D	WV-061-004463-017	Stanley L. Haught	Northeast Natural Energy LLC	12.5% or Greater	1591	280
D	WV-061-004463-003	Warren P. Haught	Northeast Natural Energy LLC	12.5% or Greater	1588	432
D	WV-061-004463-005	Connie S. Leary	Northeast Natural Energy LLC	12.5% or Greater	1588	436
D	WV-061-004463-016	Robert N. Tennant	Northeast Natural Energy LLC	12.5% or Greater	1590	345
D	WV-061-004463-018	Louella K. Woods, a/k/a Louella Tennant	Northeast Natural Energy LLC	12.5% or Greater	1591	282
D	WV-061-004463-020	Belletta Kasha Haught	Northeast Natural Energy LLC	12.5% or Greater	1591	286
D	WV-061-004463-019	Dale Haught	Northeast Natural Energy LLC	12.5% or Greater	1591	284
D	WV-061-004463-022	Patricia L. Haught	Northeast Natural Energy LLC	12.5% or Greater	1591	543
D	WV-061-004463-024	Lena R. Hendershot	Northeast Natural Energy LLC	12.5% or Greater	1602	29
D	WV-061-005188-001	Robert K. Tennant	Northeast Natural Energy LLC	12.5% or Greater	1621	770
E	WV-061-004076-010	Elizabeth C. Kiser	Northeast Natural Energy, LLC	12.5% or Greater	1565	197
E	WV-061-004076-007	John Roy Post	Northeast Natural Energy, LLC	12.5% or Greater	1566	176

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Tract	Lease Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book	Page
E	WV-061-004076-012	Robert Lee Post	Northeast Natural Energy, LLC	12.5% or Greater	1565	191
E	WV-061-004076-002	Martha Susan Post	Northeast Natural Energy, LLC	12.5% or Greater	1562	745
E	WV-061-004076-005	Mara Post Nichols	Northeast Natural Energy, LLC	12.5% or Greater	1566	533
E	WV-061-004076-009	Joshua Post	Northeast Natural Energy, LLC	12.5% or Greater	1565	193
E	WV-061-004076-011	Jennifer Clare Bottoni	Northeast Natural Energy, LLC	12.5% or Greater	1565	588
E	WV-061-004076-013	Tori Birch	Northeast Natural Energy, LLC	12.5% or Greater	1568	509
E	WV-061-004076-006	Seth Pirmann	Northeast Natural Energy, LLC	12.5% or Greater	1563	188
E	WV-061-004076-008	Stacy Pirmann	Northeast Natural Energy, LLC	12.5% or Greater	1565	195
E	WV-061-004076-001	Sadie Pirmann Werley	Northeast Natural Energy, LLC	12.5% or Greater	1562	743
E	WV-061-004076-004	Jamie Lyn Pirmann	Northeast Natural Energy, LLC	12.5% or Greater	1562	741
E	WV-061-004076-003	Addisville Reformed Church	Northeast Natural Energy, LLC	12.5% or Greater	1562	747
F	WV-061-005457-001	Ridgetop Appalachia (Haymaker Properties, LP interest)	Northeast Natural Energy, LLC	12.5% or Greater	1638	106
F	WV-061-005451-001	Equinor USA Onshore Properties LLC	Northeast Natural Energy, LLC	12.5% or Greater	1640	801
F	WV-061-005457-002	Equinor USA Onshore Properties LLC	Northeast Natural Energy, LLC	12.5% or Greater	1687	179
G	WV-061-005638-001	Ridgetop Appalachia, LLC	Northeast Natural Energy, LLC	12.5% or Greater	1697	711
G	WV-061-005770-001	Equinor USA Onshore Properties, Inc.	Northeast Natural Energy, LLC	12.5% or Greater	1738	798
H	WV-061-004301-001	Randy D. Hamilton and Susan K. Hamilton	Northeast Natural Energy LLC	12.5% or Greater	1573	192
I	WV-061-004481-001	The Burns Family General Partnership	Northeast Natural Energy LLC	12.5% or Greater	1585	473
I	WV-061-004268-003	Commissariat of The Holy Land, Franciscan Monastery	Northeast Natural Energy LLC	12.5% or Greater	1592	444
I	WV-061-004301-001	Randy D. Hamilton and Susan K. Hamilton	Northeast Natural Energy LLC	12.5% or Greater	1573	192
I	WV-061-004268-001	Ruth Ann Burns	Northeast Natural Energy LLC	12.5% or Greater	1570	717
I	WV-061-004268-002	Nancy Lawler	Northeast Natural Energy LLC	12.5% or Greater	1570	715
I	WV-061-004358-014	Susan K. Skinner	Northeast Natural Energy LLC	12.5% or Greater	1602	201
I	WV-061-004358-011	Linda L. Bellile Banks	Northeast Natural Energy LLC	12.5% or Greater	1601	502
I	WV-061-004358-012	Pamela Harris	Northeast Natural Energy LLC	12.5% or Greater	1601	504
I	WV-061-004358-013	Teena Cooke	Northeast Natural Energy LLC	12.5% or Greater	1602	25
I	WV-061-004358-003	Kathleen Atha	Northeast Natural Energy LLC	12.5% or Greater	1576	478
I	WV-061-004358-008	Kerry M. Atha	Northeast Natural Energy LLC	12.5% or Greater	1580	611
I	WV-061-004358-006	Kristina Hellyer Dow	Northeast Natural Energy LLC	12.5% or Greater	1580	438
I	WV-061-004358-007	The Robert and Lou Atha Trust	Northeast Natural Energy LLC	12.5% or Greater	1580	435
I	WV-061-004358-001	Thomas M. Atha	Northeast Natural Energy LLC	12.5% or Greater	1576	474
I	WV-061-004358-009	Dawn Michelle Fry	Northeast Natural Energy LLC	12.5% or Greater	1581	343
I	WV-061-004358-002	William Atha Jr.	Northeast Natural Energy LLC	12.5% or Greater	1576	476
J	WV-061-001906-020	Fielding H. Yost III	Northeast Natural Energy LLC	12.5% or Greater	1628	365
J	WV-061-001906-017	Kenneth D. Cameron	Northeast Natural Energy LLC	12.5% or Greater	1623	513
J	WV-061-001906-032	Shirley Jean Tennant Simpson	Northeast Natural Energy LLC	12.5% or Greater	1657	290
J	WV-061-001906-018	Carolyn Gray	Northeast Natural Energy LLC	12.5% or Greater	1622	612
J	WV-061-001906-024	Leah Darlene Earle	Northeast Natural Energy LLC	12.5% or Greater	1628	197
J	WV-061-001906-030	Ann D. Nice	Northeast Natural Energy LLC	12.5% or Greater	1640	487
J	WV-061-001906-021	Mary M. Gump	Northeast Natural Energy LLC	12.5% or Greater	1628	680
J	WV-061-001906-033	Velma Meta Gross	Northeast Natural Energy LLC	12.5% or Greater	1675	173

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Tract	Lease Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book	Page
J	WV-061-001906-017	Edwin D. Michael	Northeast Natural Energy LLC	12.5% or Greater	16231379	11370
J	WV-061-001906-022	Nancy L. Gump	Northeast Natural Energy LLC	12.5% or Greater	16281380	368374
J	WV-061-001906-026	Janice G. Rawe	Northeast Natural Energy LLC	12.5% or Greater	1630	189
J	WV-061-001906-025	Mary Sue Beckley	Northeast Natural Energy LLC	12.5% or Greater	1628	199
J	WV-061-001906-002	Wilma Lee Walker	Northeast Natural Energy LLC	12.5% or Greater	1380	404
J	WV-061-001906-008	Eileen DiBenedetto	Northeast Natural Energy LLC	12.5% or Greater	1382	707
J	WV-061-001901-013	Nancy Lawler	Northeast Natural Energy LLC	12.5% or Greater	1567	442
J	WV-061-001901-014	Ruth Ann Burns	Northeast Natural Energy LLC	12.5% or Greater	1567	440
J	WV-061-001906-023	Commissariat of The Holy Land	Northeast Natural Energy LLC	12.5% or Greater	1628	213
J	WV-061-004357-010	The Burns Family General Partnership	Northeast Natural Energy LLC	12.5% or Greater	1589	286
J	WV-061-004357-015	Susan K. Skinner	Northeast Natural Energy LLC	12.5% or Greater	1607	758
J	Wv-061-004357-014	Linda L. Bellile Banks	Northeast Natural Energy LLC	12.5% or Greater	1607	586
J	WV-061-004357-012	Pamela Harris	Northeast Natural Energy LLC	12.5% or Greater	1607	77
J	WV-061-004357-013	Teena Cooke	Northeast Natural Energy LLC	12.5% or Greater	1607	79
J	WV-061-004357-005	Kathleen Atha	Northeast Natural Energy LLC	12.5% or Greater	1579	246
J	WV-061-004357-008	Kerry M. Atha	Northeast Natural Energy LLC	12.5% or Greater	1580	609
J	WV-061-004357-007	Kristina Hellyer Dow	Northeast Natural Energy LLC	12.5% or Greater	1580	606
J	WV-061-004357-006	The Robert and Lu Atha Trust	Northeast Natural Energy LLC	12.5% or Greater	1580	443
J	WV-061-004357-004	Rafferty Atha Jackson	Northeast Natural Energy LLC	12.5% or Greater	1578	514
J	WV-061-004357-003	Rebel Clair	Northeast Natural Energy LLC	12.5% or Greater	1576	563
J	WV-061-004357-001	Thomas M. Atha	Northeast Natural Energy LLC	12.5% or Greater	1576	470
J	WV-061-004357-009	Dawn Michelle Fry	Northeast Natural Energy LLC	12.5% or Greater	1581	341
J	WV-061-004357-002	William Atha Jr.	Northeast Natural Energy LLC	12.5% or Greater	1576	472
K	WV-061-002123-001	John C. Jones and Pauline Jones	Northeast Natural Energy LLC	12.5% or Greater	1400	560
K	WV-061-002123-009	Thomas D. Jones	Northeast Natural Energy LLC	12.5% or Greater	1691	727
K	WV-061-002123-008	Janet D. Crabtree	Northeast Natural Energy LLC	12.5% or Greater	1687	501
L	WV-061-001918-042	Elizabeth Durning	Northeast Natural Energy LLC	12.5% or Greater	1580	540
L	WV-061-001918-033	Animal Rescue	Northeast Natural Energy LLC	12.5% or Greater	1578	305
L	WV-061-001918-061	Barbara Fox	Northeast Natural Energy LLC	12.5% or Greater	1595	409
L	WV-061-001918-098	Betty Lou Tiner	Northeast Natural Energy LLC	12.5% or Greater	1611	361
L	WV-061-001918-129	Bradley A. Lough	Northeast Natural Energy LLC	12.5% or Greater	133	496
L	WV-061-001918-053	Brenda L. Harrold a/k/a Brenda Lough	Northeast Natural Energy LLC	12.5% or Greater	1589	251
L	WV-061-001918-029	Brenda N. Schubert	Northeast Natural Energy LLC	12.5% or Greater	1578	301
L	WV-061-001918-108	Bryan L. Fitch	Northeast Natural Energy LLC	12.5% or Greater	1619	658
L	WV-061-001918-106	Bryan Moe	Northeast Natural Energy LLC	12.5% or Greater	1615	658
L	WV-061-001918-038	Carol Dykman	Northeast Natural Energy LLC	12.5% or Greater	1578	182
L	WV-061-001918-040	Charles W. Gump and Dixie Lynn Gump	Northeast Natural Energy LLC	12.5% or Greater	1508	16
L	Wv-061-001918-018	Charlotte Fontenot	Northeast Natural Energy LLC	12.5% or Greater	1575	506
L	WV-061-001918-052	Charlotte R. Duckett a/k/a Charlotte Bushor	Northeast Natural Energy LLC	12.5% or Greater	1589	249
L	WV-061-001918-032	Dacy Joe Coleman	Northeast Natural Energy LLC	12.5% or Greater	1578	339
L	WV-061-001918-045	Connie S. Dobbe	Northeast Natural Energy LLC	12.5% or Greater	1580	552
L	WV-061-001918-085	Pam Campbell a/k/a Pamela Jean Campbell	Northeast Natural Energy LLC	12.5% or Greater	1604	164

Tract	Lease Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book	Page
L	WV-061-001918-043	David O. Campbell	Northeast Natural Energy LLC	12.5% or Greater	1580	548
L	WV-061-001918-051	Pamela G. Campbell	Northeast Natural Energy LLC	12.5% or Greater	1587	276
L	WV-061-001918-131	Julie Campbell	Northeast Natural Energy LLC	12.5% or Greater	1653	167
L	WV-061-001918-132	Jamie Connerly	Northeast Natural Energy LLC	12.5% or Greater	135	635
L	WV-061-001918-063	Darrell Fox	Northeast Natural Energy LLC	12.5% or Greater	1595	413
L	WV-061-001918-102	David Brandow	Northeast Natural Energy LLC	12.5% or Greater	1613	323
L	WV-061-001918-091	David Hanes	Northeast Natural Energy LLC	12.5% or Greater	1610	399
L	WV-061-001918-110	Deborah Yach	Northeast Natural Energy LLC	12.5% or Greater	1619	623
L	WV-061-001918-099	Donald Lee Gentry	Northeast Natural Energy LLC	12.5% or Greater	1611	363
L	WV-061-001918-015	Donna Roy	Northeast Natural Energy LLC	12.5% or Greater	1575	501
L	WV-061-001918-080	Douglas Hanes	Northeast Natural Energy LLC	12.5% or Greater	1600	565
L	WV-061-001918-044	Drexel Campbell	Northeast Natural Energy LLC	12.5% or Greater	1580	550
L	WV-061-001918-075	Eleanor Wilson	Northeast Natural Energy LLC	12.5% or Greater	1598	703
L	WV-061-001918-056	Eva Howard	Northeast Natural Energy LLC	12.5% or Greater	1594	733
L	WV-061-001918-090	Gary Hall	Northeast Natural Energy LLC	12.5% or Greater	1607	728
L	WV-061-001918-089	Gary Preston	Northeast Natural Energy LLC	12.5% or Greater	1606	440
L	WV-061-001918-014	Glenn Allen Smith	Northeast Natural Energy LLC	12.5% or Greater	1575	712
L	WV-061-001918-026	Henry Sollars	Northeast Natural Energy LLC	12.5% or Greater	1578	297
L	WV-061-001918-105	Iris K. Herron	Northeast Natural Energy LLC	12.5% or Greater	1615	655
L	WV-061-001918-039	Ivan Lee Kent	Northeast Natural Energy LLC	12.5% or Greater	1578	153
L	WV-061-001918-030	Jamie L. Goodale	Northeast Natural Energy LLC	12.5% or Greater	1578	303
L	WV-061-004370-001	Jane C. McCamic	Northeast Natural Energy LLC	12.5% or Greater	1578	425
L	WV-061-001918-025	Janet Russell	Northeast Natural Energy LLC	12.5% or Greater	1578	295
L	WV-061-001918-107	Jeanne Marlynn Homan	Northeast Natural Energy LLC	12.5% or Greater	1615	660
L	WV-061-001918-095	John Evans	Northeast Natural Energy LLC	12.5% or Greater	1611	257
L	WV-061-001918-028	John L. Sollars	Northeast Natural Energy LLC	12.5% or Greater	1578	299
L	WV-061-001918-035	John Leroy Gump and Shelia Ann Gump	Northeast Natural Energy LLC	12.5% or Greater	1578	481
L	WV-061-001918-101	Kathy Fort	Northeast Natural Energy LLC	12.5% or Greater	1613	321
L	WV-061-001918-064	Beatrice Kay McGaffick	Northeast Natural Energy LLC	12.5% or Greater	1596	582
L	WV-061-001918-109	Kelly R. Ferguson	Northeast Natural Energy LLC	12.5% or Greater	1619	660
L	WV-061-001918-027	Linda Bilby	Northeast Natural Energy LLC	12.5% or Greater	1578	525
L	WV-061-001918-071	Linda Lough Diviney	Northeast Natural Energy LLC	12.5% or Greater	1596	488
L	WV-061-001918-100	Linda Wilcoxson	Northeast Natural Energy LLC	12.5% or Greater	1611	365
L	WV-061-001918-112	Liz Marie Lemcke	Northeast Natural Energy LLC	12.5% or Greater	1625	500
L	WV-061-001918-081	Margaret H. Wise	Northeast Natural Energy LLC	12.5% or Greater	1604	162
L	WV-061-001918-048	Marilyn Whitenack	Northeast Natural Energy LLC	12.5% or Greater	1584	770
L	WV-061-001918-093	Mark Barmann	Northeast Natural Energy LLC	12.5% or Greater	1611	245
L	WV-061-001918-094	Mark Evans	Northeast Natural Energy LLC	12.5% or Greater	1611	247
L	WV-061-001918-115	Mary K. Hawkins	Northeast Natural Energy LLC	12.5% or Greater	1640	455
L	WV-061-001918-046	Mary Kay Graves	Northeast Natural Energy LLC	12.5% or Greater	1581	303
L	WV-061-001918-020	Mary Sue Webb	Northeast Natural Energy LLC	12.5% or Greater	1576	447
L	WV-061-001918-059	Melinda Shuppe	Northeast Natural Energy LLC	12.5% or Greater	1595	405

Tract	Lease Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book	Page
L	WV-061-001918-103	Michael Brandow	Northeast Natural Energy LLC	12.5% or Greater	1613	738
L	WV-061-001918-125	Michael W. Dimond	Northeast Natural Energy LLC	12.5% or Greater	1640	489
L	WV-061-001918-128	Ann D. Nice	Northeast Natural Energy LLC	12.5% or Greater	1640	497
L	WV-061-001918-117	Carolyn Gray	Northeast Natural Energy LLC	12.5% or Greater	1628	372
L	WV-061-001906-019	Edwin D. Michael	Northeast Natural Energy LLC	12.5% or Greater	1623	113
L	WV-061-001918-124	Eileen DiBenedetto	Northeast Natural Energy LLC	12.5% or Greater	1382	699
L	WV-061-001918-116	Leah Darlene Earle	Northeast Natural Energy LLC	12.5% or Greater	1628	370
L	WV-061-001918-119	Mary M. Gump	Northeast Natural Energy LLC	12.5% or Greater	1381	129
L	WV-061-001918-121	Mary Sue Beckley	Northeast Natural Energy LLC	12.5% or Greater	1383	244
L	WV-061-001918-133	Shirley Jean Tennant Simpson	Northeast Natural Energy LLC	12.5% or Greater	1657	292
L	WV-061-001918-008	Wilma Lee Walker	Northeast Natural Energy LLC	12.5% or Greater	1382	703
L	WV-061-001918-060	Pamela K. Fox Floyd	Northeast Natural Energy LLC	12.5% or Greater	1595	407
L	WV-061-001918-062	Patricia Ann Fox	Northeast Natural Energy LLC	12.5% or Greater	1595	411
L	WV-061-001918-016	Patricia Bryant	Northeast Natural Energy LLC	12.5% or Greater	1575	544
L	WV-061-001918-017	Rebecca Sue Collins	Northeast Natural Energy LLC	12.5% or Greater	1575	504
L	WV-061-001918-070	Rex J. Fox	Northeast Natural Energy LLC	12.5% or Greater	1596	486
L	WV-061-001918-120	Richard Brandow	Northeast Natural Energy LLC	12.5% or Greater	1628	201
L	WV-061-001918-077	Richard Earl Wilson	Northeast Natural Energy LLC	12.5% or Greater	1598	705
L	WV-061-001918-019	Richard G. Gump	Northeast Natural Energy LLC	12.5% or Greater	1576	445
L	WV-061-001918-057	Robert "Chuck" Fox	Northeast Natural Energy LLC	12.5% or Greater	1595	401
L	WV-061-001918-126	Robert D. Herron	Northeast Natural Energy LLC	12.5% or Greater	1640	492
L	WV-061-001918-127	Robert Hanes	Northeast Natural Energy LLC	12.5% or Greater	1640	495
L	WV-061-001918-104	Robert Scott Brandow	Northeast Natural Energy LLC	12.5% or Greater	1613	740
L	WV-061-001918-047	Roberta Elizabeth Babcock Frisell	Northeast Natural Energy LLC	12.5% or Greater	1584	768
L	WV-061-001918-096	Ronald Hall	Northeast Natural Energy LLC	12.5% or Greater	1611	650
L	WV-061-001918-041	Ruth Ann Frisell	Northeast Natural Energy LLC	12.5% or Greater	1580	538
L	WV-061-001918-024	Sandra J. Henderson	Northeast Natural Energy LLC	12.5% or Greater	1578	293
L	WV-061-001918-088	Sandy Konarske	Northeast Natural Energy LLC	12.5% or Greater	1604	820
L	WV-061-004370-012	Scott Hamilton Shott	Northeast Natural Energy LLC	12.5% or Greater	1608	563
L	WV-061-001918-083	Scott Preston	Northeast Natural Energy LLC	12.5% or Greater	1602	195
L	WV-061-001918-022	Sharon L. Fletchall	Northeast Natural Energy LLC	12.5% or Greater	1576	822
L	WV-061-001918-111	Sherry A. Hernandez	Northeast Natural Energy LLC	12.5% or Greater	1622	278
L	WV-061-001918-049	Shirley Cipollone	Northeast Natural Energy LLC	12.5% or Greater	1589	247
L	WV-061-001918-021	Simon Coolidge Gump and Dolly Deloris Gump	Northeast Natural Energy LLC	12.5% or Greater	1576	449
L	WV-061-001918-034	Singerly Fire Company	Northeast Natural Energy LLC	12.5% or Greater	1578	479
L	WV-061-001918-087	Steven Gunther	Northeast Natural Energy LLC	12.5% or Greater	1604	818
L	WV-061-004370-002	Thomas C. Shott	Northeast Natural Energy LLC	12.5% or Greater	1580	78
L	WV-061-001918-031	Tiffany Sollars	Northeast Natural Energy LLC	12.5% or Greater	1578	519
L	WV-061-001918-113	Tracie Field Harrington	Northeast Natural Energy LLC	12.5% or Greater	1623	115
L	WV-061-001918-037	Union Hospital of Cecil County Foundation	Northeast Natural Energy LLC	12.5% or Greater	1578	8
L	WV-061-001918-036	Vivian Louise Baker	Northeast Natural Energy LLC	12.5% or Greater	1578	613
L	WV-061-001918-130	William Dean Lough	Northeast Natural Energy LLC	12.5% or Greater	133	500

Tract	Lease Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book	Page
L	WV-061-001918-097	William Jennings	Northeast Natural Energy LLC	12.5% or Greater	1611	359
L	WV-061-001918-092	Patricia Owens	Northeast Natural Energy LLC	12.5% or Greater	1613	1735
M	WV-061-001918-128	Ann D. Nice	Northeast Natural Energy LLC	12.5% or Greater	1640	497
M	WV-061-001918-034	Singerly Fire Company	Northeast Natural Energy LLC	12.5% or Greater	1578	479
M	WV-061-001918-037	Union Hospital of Cecil County Foundation, Inc.	Northeast Natural Energy LLC	12.5% or Greater	1578	8
M	WV-061-001918-053	Brenda L. Harrold	Northeast Natural Energy LLC	12.5% or Greater	1589	251
M	WV-061-001918-052	Charlotte R. Duckett	Northeast Natural Energy LLC	12.5% or Greater	1589	249
M	WV-061-001918-081	Margaret Lloyd Hanes Wise	Northeast Natural Energy LLC	12.5% or Greater	1604	162
M	WV-061-001918-127	Robert Hanes, D.C.	Northeast Natural Energy LLC	12.5% or Greater	1640	495
M	WV-061-001918-091	David Hanes	Northeast Natural Energy LLC	12.5% or Greater	1610	399
M	WV-061-001918-080	Douglas Hanes	Northeast Natural Energy LLC	12.5% or Greater	1600	565
M	WV-061-001918-042	Elizabeth Durning	Northeast Natural Energy LLC	12.5% or Greater	1580	540
M	WV-061-001918-032	Dacy Joe Coleman	Northeast Natural Energy LLC	12.5% or Greater	1578	339
M	WV-061-001918-015	Donna Roy	Northeast Natural Energy LLC	12.5% or Greater	1575	501
M	WV-061-001918-016	Patricia Bryant	Northeast Natural Energy LLC	12.5% or Greater	1575	544
M	WV-061-001918-014	Glenn Allen Smith	Northeast Natural Energy LLC	12.5% or Greater	1575	712
M	WV-061-001918-075	Eleanor Wilson	Northeast Natural Energy LLC	12.5% or Greater	1598	703
M	WV-061-001918-077	Richard Earl Wilson	Northeast Natural Energy LLC	12.5% or Greater	1598	705
M	WV-061-001918-083	Scott Preston	Northeast Natural Energy LLC	12.5% or Greater	1602	195
M	WV-061-001918-089	Gary Preston	Northeast Natural Energy LLC	12.5% or Greater	1606	404
M	WV-061-001918-041	Ruth Ann Frisell	Northeast Natural Energy LLC	12.5% or Greater	1580	538
M	WV-061-001918-017	Rebecca Sue Collins	Northeast Natural Energy LLC	12.5% or Greater	1575	504
M	WV-061-001918-018	Charlotte Fontenot	Northeast Natural Energy LLC	12.5% or Greater	1575	506
M	WV-061-001918-047	Roberta Elizabeth Babcock Frisell	Northeast Natural Energy LLC	12.5% or Greater	1584	768
M	WV-061-001918-038	Carol Dykman	Northeast Natural Energy LLC	12.5% or Greater	1578	182
M	WV-061-001918-013	Mary Longe	Northeast Natural Energy LLC	12.5% or Greater	1575	499
M	WV-061-001918-022	Sharon L. Fletchall	Northeast Natural Energy LLC	12.5% or Greater	1576	822
M	WV-061-001918-048	Marilyn Whitenack	Northeast Natural Energy LLC	12.5% or Greater	1584	770
M	WV-061-001918-116	Leah Darlene Earle	Northeast Natural Energy LLC	12.5% or Greater	1628	370
M	WV-061-001918-117	Carolyn Gray	Northeast Natural Energy LLC	12.5% or Greater	1628	372
M	WV-061-001918-124	Eileen DiBenedetto	Northeast Natural Energy LLC	12.5% or Greater	1382	699
M	WV-061-001918-013	Janice G. Rawe	Northeast Natural Energy LLC	12.5% or Greater	1566	466
M	WV-061-001918-121	Mary Sue Beckley	Northeast Natural Energy LLC	12.5% or Greater	1629	108
M	WV-061-001918-121	Pachira	Northeast Natural Energy LLC	12.5% or Greater	1629	108
M	WV-061-001918-119	Mary M. Gump	Northeast Natural Energy LLC	12.5% or Greater	1381	129
M	WV-061-001918-119	Pachira	Northeast Natural Energy LLC	12.5% or Greater	1401381	213129
M	WV-061-001918-118	Nancy L. Gump	Northeast Natural Energy LLC	12.5% or Greater	1628	374
M	WV-061-001918-118	Pachira	Northeast Natural Energy LLC	12.5% or Greater	1401380	374378
M	WV-061-001918-019	Richard G. Gump	Northeast Natural Energy LLC	12.5% or Greater	1576	445
M	WV-061-001918-036	Vivian Louise Baker	Northeast Natural Energy LLC	12.5% or Greater	1578	613
M	WV-061-001918-020	Mary Sue Webb	Northeast Natural Energy LLC	12.5% or Greater	1576	447
M	WV-061-001918-021	Simon Coolidge Gump and Dolly Deloris Gump	Northeast Natural Energy LLC	12.5% or Greater	1576	449

Tract	Lease Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book	Page
M	WV-061-001918-035	John Leroy Gump and Shelia Ann Gump	Northeast Natural Energy LLC	12.5% or Greater	1578	481
M	WV-061-001918-040	Charles W. Gump and Dixie Lynn Gump	Northeast Natural Energy LLC	12.5% or Greater	1508	16
M	WV-061-001918-070	Rex J. Fox	Northeast Natural Energy LLC	12.5% or Greater	1596	486
M	WV-061-001918-064	Kay McGaffick	Northeast Natural Energy LLC	12.5% or Greater	1596	582
M	WV-061-001918-096	Ronald Hall	Northeast Natural Energy LLC	12.5% or Greater	1611	650
M	WV-061-001918-090	Gary Hall	Northeast Natural Energy LLC	12.5% or Greater	1607	728
M	WV-061-001918-058	Norma J. Smith	Northeast Natural Energy LLC	12.5% or Greater	1595	403
M	WV-061-001918-063	Darrell Fox	Northeast Natural Energy LLC	12.5% or Greater	1595	413
M	WV-061-001918-057	Robert "Chuck" Fox	Northeast Natural Energy LLC	12.5% or Greater	1595	401
M	WV-061-001918-060	Pamela K. Fox Floyd	Northeast Natural Energy LLC	12.5% or Greater	1595	407
M	WV-061-001918-061	Barbara Fox	Northeast Natural Energy LLC	12.5% or Greater	1595	409
M	WV-061-001918-059	Melinda Shoup	Northeast Natural Energy LLC	12.5% or Greater	1595	405
M	WV-061-001918-049	Shirley Cipollone	Northeast Natural Energy LLC	12.5% or Greater	1589	247
M	WV-061-001918-088	Sandy Konarske	Northeast Natural Energy LLC	12.5% or Greater	1604	820
M	WV-061-001918-087	Steven Gunther	Northeast Natural Energy LLC	12.5% or Greater	1604	813
M	WV-061-001906-019	Edwin D. Michael	Northeast Natural Energy LLC	12.5% or Greater	1623	113
M	WV-061-001918-114	Edwin Daryl Michael	Northeast Natural Energy LLC	12.5% or Greater	1623	117
M	WV-061-001918-133	Shirley Jean Tennant Simpson	Northeast Natural Energy LLC	12.5% or Greater	1657	292
M	WV-061-001918-133	Pachira	Northeast Natural Energy LLC	12.5% or Greater	16571397	292847
M	WV-061-001918-123	Wilma Lee Walker	Northeast Natural Energy LLC	12.5% or Greater	16331382	340703
M	WV-061-001918-062	Patricia Ann Fox	Northeast Natural Energy LLC	12.5% or Greater	1595	411
M	WV-061-001918-071	Linda Lough Diviney	Northeast Natural Energy LLC	12.5% or Greater	1596	488
M	WV-061-001918-129	Bradley A. Lough	Northeast Natural Energy LLC	12.5% or Greater	133	496
M	WV-061-001918-130	William Dean Lough	Northeast Natural Energy LLC	12.5% or Greater	133	500
M	WV-061-001918-092	Patricia Owens	Northeast Natural Energy LLC	12.5% or Greater	1613	1735
M	WV-061-001918-044	Drexel Campbell	Northeast Natural Energy LLC	12.5% or Greater	1580	550
M	WV-061-001918-085	Pam Campbell	Northeast Natural Energy LLC	12.5% or Greater	1604	164
M	WV-061-001918-043	David O. Campbell	Northeast Natural Energy LLC	12.5% or Greater	1580	548
M	WV-061-001918-045	Connie S. Dobbe	Northeast Natural Energy LLC	12.5% or Greater	1580	552
M	WV-061-001918-051	Pamela G. Campbell	Northeast Natural Energy LLC	12.5% or Greater	1587	276
M	WV-061-001918-131	Julie Campbell	Northeast Natural Energy LLC	12.5% or Greater	1653	167
M	WV-061-001918-132	Jamie Campbell	Northeast Natural Energy LLC	12.5% or Greater	135	635
M	WV-061-001918-109	Kelly R. Ferguson	Northeast Natural Energy LLC	12.5% or Greater	1619	660
M	WV-061-001918-108	Bryan L. Fitch	Northeast Natural Energy LLC	12.5% or Greater	1619	658
M	WV-061-001918-104	Robert Scott Brandow	Northeast Natural Energy LLC	12.5% or Greater	1613	740
M	WV-061-001918-103	Michael Brandow	Northeast Natural Energy LLC	12.5% or Greater	1613	738
M	WV-061-001918-102	David Brandow	Northeast Natural Energy LLC	12.5% or Greater	1613	323
M	WV-061-001918-093	Mark Barmann	Northeast Natural Energy LLC	12.5% or Greater	1611	245
M	WV-061-001918-126	Robert D. Herron	Northeast Natural Energy LLC	12.5% or Greater	1640	492
M	WV-061-001918-105	Iris K. Herron	Northeast Natural Energy LLC	12.5% or Greater	1615	655
M	WV-061-001918-125	Michael W. Dimond	Northeast Natural Energy LLC	12.5% or Greater	1640	489
M	WV-061-001918-111	Sherry A. Hernandez	Northeast Natural Energy LLC	12.5% or Greater	1622	278

Tract	Lease Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book	Page
M	WV-061-001918-112	Liz marie Lemcke	Northeast Natural Energy LLC	12.5% or Greater	1625	500
M	WV-061-001918-115	Mary K. Hawkins	Northeast Natural Energy LLC	12.5% or Greater	1640	455
M	WV-061-001918-098	Betty Lou Tiner	Northeast Natural Energy LLC	12.5% or Greater	1611	361
M	WV-061-001918-099	Donald Lee Gentry	Northeast Natural Energy LLC	12.5% or Greater	1611	363
M	WV-061-001918-107	Jeanne Marlynn Homan	Northeast Natural Energy LLC	12.5% or Greater	1615	660
M	WV-061-001918-106	Bryan Moe	Northeast Natural Energy LLC	12.5% or Greater	1615	658
M	WV-061-001918-113	Tracie Field Harrington	Northeast Natural Energy LLC	12.5% or Greater	1623	115
M	WV-061-001918-120	Richard Brandow	Northeast Natural Energy LLC	12.5% or Greater	1628	201
M	WV-061-001918-101	Kathy Fort	Northeast Natural Energy LLC	12.5% or Greater	1613	321
M	WV-061-001918-100	Linda Wilcoxson	Northeast Natural Energy LLC	12.5% or Greater	1611	365
M	WV-061-001918-097	William Jennings	Northeast Natural Energy LLC	12.5% or Greater	1611	359
M	WV-061-001918-110	Deborah Yach	Northeast Natural Energy LLC	12.5% or Greater	1619	623
M	WV-061-001918-056	Eva Howard	Northeast Natural Energy LLC	12.5% or Greater	1594	733
M	WV-061-001918-039	Ivan Lee Kent	Northeast Natural Energy LLC	12.5% or Greater	1578	153
M	WV-061-001918-046	Mary Kay Graves	Northeast Natural Energy LLC	12.5% or Greater	1581	303
M	WV-061-001918-095	John Evans	Northeast Natural Energy LLC	12.5% or Greater	1611	257
M	WV-061-001918-094	Mark Evans	Northeast Natural Energy LLC	12.5% or Greater	1611	247
M	WV-061-001918-027	Linda Bilby	Northeast Natural Energy LLC	12.5% or Greater	1578	525
M	WV-061-001918-025	Janet Russell	Northeast Natural Energy LLC	12.5% or Greater	1578	295
M	WV-061-001918-031	Tiffany Sollars	Northeast Natural Energy LLC	12.5% or Greater	1578	519
M	WV-061-001918-029	Brenda N. Schubert	Northeast Natural Energy LLC	12.5% or Greater	1578	301
M	WV-061-001918-030	Jamie L. Goodale	Northeast Natural Energy LLC	12.5% or Greater	1578	303
M	WV-061-001918-028	John L. Sollars	Northeast Natural Energy LLC	12.5% or Greater	1578	299
M	WV-061-001918-024	Sandra J. Henderson	Northeast Natural Energy LLC	12.5% or Greater	1578	293
M	WV-061-001918-026	Henry Sollars	Northeast Natural Energy LLC	12.5% or Greater	1578	297
M	WV-061-001918-033	Animal Rescue, Inc.	Northeast Natural Energy LLC	12.5% or Greater	1578	305
N	WV-061-004956-011	Ellen Pearl Bolyard	Northeast Natural Energy LLC	12.5% or Greater	1623	415
N	WV-061-004973-001	Edith Louise Darrah	Northeast Natural Energy LLC	12.5% or Greater	1623	432
N	WV-061-004956-018	Douglas L. Darrah	Northeast Natural Energy LLC	12.5% or Greater	1627	377
N	WV-061-004956-013	Madeline Doris Darrah	Northeast Natural Energy LLC	12.5% or Greater	1623	420
N	WV-061-004956-012	Randy G. Darrah	Northeast Natural Energy LLC	12.5% or Greater	1623	417
N	WV-061-004956-009	Sarah E. Darrah Patricia Ann Jones and David L. Jones	Northeast Natural Energy LLC	12.5% or Greater	1623	411
N	WV-061-004956-020	Timothy Allen Darrah	Northeast Natural Energy LLC	12.5% or Greater	1627	381
N	WV-061-004956-010	Norman Earl Eddy	Northeast Natural Energy LLC	12.5% or Greater	1623	413
N	WV-061-004956-019	Thomas LeRoy Eddy	Northeast Natural Energy LLC	12.5% or Greater	1627	379
N	WV-061-004956-002	Charles B. Gregory	Northeast Natural Energy LLC	12.5% or Greater	1623	393
N	WV-061-004956-014	Mark D. Gregory	Northeast Natural Energy LLC	12.5% or Greater	1623	422
N	WV-061-004956-005	Norma Kay Gregory	Northeast Natural Energy LLC	12.5% or Greater	1623	399
N	WV-061-004956-004	Wilbur G. Gregory	Northeast Natural Energy LLC	12.5% or Greater	1623	397
N	WV-061-004956-006	Mabel G. Meyers	Northeast Natural Energy LLC	12.5% or Greater	1607	450
N	WV-061-004956-001	Susan Stephens	Northeast Natural Energy LLC	12.5% or Greater	1623	391
N	WV-061-004956-003	Scott Kahoon	Northeast Natural Energy LLC	12.5% or Greater	1623	395

Tract	Lease Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book	Page
N	WV-061-004973-005	Carl Kahoon	Northeast Natural Energy LLC	12.5% or Greater	1685	30
N	WV-061-004973-002	Carey Kahoon Maynard	Northeast Natural Energy LLC	12.5% or Greater	1680	593
N	WV-061-004973-003	Erica Kahoon Ledford	Northeast Natural Energy LLC	12.5% or Greater	1683	649
N	WV-061-004973-004	Lisa Kahoon Vine	Northeast Natural Energy LLC	12.5% or Greater	1683	263
N	WV-061-004956-017	Howard Keith Williams	Northeast Natural Energy LLC	12.5% or Greater	1623	428
N	WV-061-004956-016	Roger Franklin Williams	Northeast Natural Energy LLC	12.5% or Greater	1623	426
N	WV-061-004956-015	George Lloyd Schripko	Northeast Natural Energy LLC	12.5% or Greater	1623	424
N	WV-061-004956-008	Karen Noreen Harris	Northeast Natural Energy LLC	12.5% or Greater	1623	409
O	WV-061-004258-025	Thomas Leroy Eddy	Northeast Natural Energy LLC	12.5% or Greater	1589	157
O	WV-061-004258-002	Billy Carl Haight	Northeast Natural Energy LLC	12.5% or Greater	1570	721
O	WV-061-004258-001	Kenneth L. Haight	Northeast Natural Energy LLC	12.5% or Greater	1571	473
O	WV-061-004098-006	Ruth Ann Burns	Northeast Natural Energy LLC	12.5% or Greater	1564	169
O	WV-061-004098-012	Nancy Lawler	Northeast Natural Energy LLC	12.5% or Greater	1562	760
O	WV-061-004098-001	The Burns Family General Partnership	Northeast Natural Energy LLC	12.5% or Greater	1564	167
O	WV-061-004098-011	Ellen Pearl Bolyard	Northeast Natural Energy LLC	12.5% or Greater	1564	254
O	WV-061-004098-002	Norman Earl Eddy	Northeast Natural Energy LLC	12.5% or Greater	1564	165
O	WV-061-004098-003	Madeline Doris Darrah	Northeast Natural Energy LLC	12.5% or Greater	1567	514
O	WV-061-004098-010	Mabel G. Meyers	Northeast Natural Energy LLC	12.5% or Greater	1568	378
O	WV-061-004098-008	Walter E. Gregory	Northeast Natural Energy LLC	12.5% or Greater	1568	343
O	WV-061-004098-009	Wilbur G. Gregory	Northeast Natural Energy LLC	12.5% or Greater	1566	349
O	WV-061-004098-005	Frieda C. McCaskill	Northeast Natural Energy LLC	12.5% or Greater	1566	345
O	WV-061-004098-007	Mark D. Gregory	Northeast Natural Energy LLC	12.5% or Greater	1568	341
O	WV-061-004098-004	Charles B. Gregory	Northeast Natural Energy LLC	12.5% or Greater	1564	831
O	WV-061-004098-021	Edith Louise Darrah	Northeast Natural Energy LLC	12.5% or Greater	1568	783
O	WV-061-004098-024	Randy G. Darrah	Northeast Natural Energy LLC	12.5% or Greater	1570	829
O	WV-061-004098-022	Douglas L. Darrah	Northeast Natural Energy LLC	12.5% or Greater	1568	781
O	WV-061-004098-020	Timothy A. Darrah	Northeast Natural Energy LLC	12.5% or Greater	1568	513
O	WV-061-004098-023	Sarah E. Darrah	Northeast Natural Energy LLC	12.5% or Greater	1570	831
O	WV-061-004098-014	Scott Kahoon	Northeast Natural Energy LLC	12.5% or Greater	1567	669
O	WV-061-004098-015	Susan Stephens	Northeast Natural Energy LLC	12.5% or Greater	1567	520
O	WV-061-004098-016	Karen Noreen Harris	Northeast Natural Energy LLC	12.5% or Greater	1567	522
O	WV-061-004098-017	Roger Franklin Williams	Northeast Natural Energy LLC	12.5% or Greater	1567	524
O	WV-061-004098-013	Stephen Kent Williams	Northeast Natural Energy LLC	12.5% or Greater	1568	594
O	WV-061-004098-018	Howard Keith Williams	Northeast Natural Energy LLC	12.5% or Greater	1567	526
O	WV-061-004098-019	Lloyd Schripko	Northeast Natural Energy LLC	12.5% or Greater	1567	528
P	WV-061-000146-001-LOI	David Jones	T.M. Jackson & Co.	12.5% or Greater	See Leasehold Chain	
Q	WV-049-005267-001	Patsy Paul Cipoletti, Jr.	Northeast Natural Energy LLC	12.5% or Greater	1231	520
Q	WV-049-005267-001	WV Minerals, Inc.	Northeast Natural Energy LLC	12.5% or Greater	1066	943
R	WV-061-000146-001-LOI	Mary Rose Mefte	EQT Production Company	12.5% or Greater	1148	178
		EQT Production Company	Northeast Natural Energy LLC	12.5% or Greater	1289	340

Grantor, Lessor, etc.	Grantee, Lessee, etc.	Book Type	Book	Page
David Jones	Fleming Oil and Gas Co.	Deed	46.5	438
Fleming Oil and Gas Co.	South Penn Oil Co.	Deed	45.5	42
South Penn Oil Co.	South Penn Natural Gas Company	Assignment	353	201
South Penn Natural Gas Company	South Penn Oil Co.	Assignment	616	340
South Penn Oil Company	Pennzoil Company	Certificate Book	50	573
Pennzoil Company	Pennzoil Products Company	Assignment	874	1169
Pennzoil Products Company	Pennzoil Exploration and Production Company	Deed	949	854
Pennzoil Exploration and Production Company	Pennzenergy Exploration and Production, LLC	Certificate on Incorporation	52	517
Pennzenergy Exploration and Production, LLC	Devon Energy Production, LP	Certificate on Incorporation	53	317
Devon Energy Production, LP	East Resources, Inc.	Deed	965	371
East Resources, Inc.	HG Energy, LLC	Assignment	40	825
East Resources, Inc. & HG Energy, LLC	Amercian Energy - Marcellus, LLC	Assignment	47	692
Amercian Energy - Marcellus, LLC	Ascent Resources - Marcellus, LLC	Certificate on Merger, Marion Co, WV	67	847
Ascent Resources - Marcellus, LLC	EQT Production Company	Assignment	52	99
EQT Production Company	Northeast Natural Energy, LLC	Deed	1289	340



Stansberry, Wade A <wade.a.stansberry@wv.gov>

Modification Horizontal H6A Well Work Permit (API: 47-061-01874, 01875, 01876)

1 message

Stansberry, Wade A <wade.a.stansberry@wv.gov>

Mon, Oct 4, 2021 at 9:58 AM

To: "Harris, Bryan O" <bryan.o.harris@wv.gov>, Kristen Brooks <kbrooks@nne-llc.com>, Hollie Medley <hmedley@nne-llc.com>, Mark Musick <mmusick@assessor.org>

I have attached a copy of the newly issued well [permit](#) number "PHOENIX 2H, 4H, 8H". This will serve as your copy.

If you have any questions, then [please](#) contact us here at the Office of Oil and Gas.

Thank you,

Wade A. Stansberry

Environmental Resource Specialist 3

West Virginia Department of Environmental Protection

Office of Oil & Gas

601 57th St. SE


Charleston, WV 25304


(304) 926-0499 ext. 41115


(304) 926-0452 fax

Wade.A.Stansberry@wv.gov

3 attachments

 **47-061-01876 - mod.pdf**
2528K

 **47-061-01874 - mod.pdf**
3128K

 **47-061-01875 - mod.pdf**
2778K

10/08/2021