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west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Monday, March 14, 2022  
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 10H  
47-061-01895-00-00

**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. The signature is stylized and written in cursive. Below the signature, the name "James A. Martin" and the title "Chief" are printed in a black, sans-serif font.

James A. Martin  
Chief

Operator's Well Number: 10H  
Farm Name: YOST HERITAGE INC  
U.S. WELL NUMBER: 47-061-01895-00-00  
Horizontal 6A New Drill  
Date Modification Issued: March 14, 2022

Promoting a healthy environment.

03/18/2022

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

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

2) Operator's Well Number: 10H Well Pad Name: Yost

3) Farm Name/Surface Owner: Yost Heritage Inc Public Road Access: Daybrook Road/218

4) Elevation, current ground: 1,494' Elevation, proposed post-construction: 1,494'

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

(b) If Gas Shallow X Deep NA  
Horizontal X

*SOW  
2/23/2022*

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):  
Marcellus, 8,280', 103', 3600 PSI

8) Proposed Total Vertical Depth: 8,280'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 20,352'

11) Proposed Horizontal Leg Length: 11,658'

12) Approximate Fresh Water Strata Depths: 1,378'

13) Method to Determine Fresh Water Depths: Drillers log from offset wells

14) Approximate Saltwater Depths: 2,410'

15) Approximate Coal Seam Depths: 320', 712'

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 \_\_\_\_\_ No X

(a) If Yes, provide Mine Info: Name: \_\_\_\_\_  
Depth: \_\_\_\_\_  
Seam: \_\_\_\_\_  
Owner: \_\_\_\_\_

RECEIVED -  
Office of Oil and Gas  
MAR 01 2022  
WV Department of  
Environmental Protection

18)

**CASING AND TUBING PROGRAM**

<b>TYPE</b>	<b>Size (in)</b>	<b>New or Used</b>	<b>Grade</b>	<b>Weight per ft. (lb/ft)</b>	<b>FOOTAGE: For Drilling (ft)</b>	<b>INTERVALS: Left in Well (ft)</b>	<b>CEMENT: Fill-up (Cu. Ft.)/CTS</b>
Conductor	24"	New	NA	94.71	100'	100'	CTS
Fresh Water	13-3/8"	New	J-55	54.5	1,490'	1,460'	CTS
Coal					NA	NA	
Intermediate	9-5/8"	New	J-55	36	2,660'	2,630'	CTS
Production	5-1/2"	New	P-110	20	20,352'	20,322'	4,782
Tubing	2-7/8"	New	P-110	6.5	NA	8,500'	NA
Liners							

*SDW  
2/23/2022*

<b>TYPE</b>	<b>Size (in)</b>	<b>Wellbore Diameter (in)</b>	<b>Wall Thickness (in)</b>	<b>Burst Pressure (psi)</b>	<b>Anticipated Max. Internal Pressure (psi)</b>	<b>Cement Type</b>	<b>Cement Yield (cu. ft./k)</b>
Conductor	24"	32"	.375"	NA	NA	Class A	1.19
Fresh Water	13-3/8"	17 1/2"	.380"	2,730	500	Class A	1.19
Coal							
Intermediate	9-5/8"	12 3/8"	.395"	3,520	2,800	Class A	1.19
Production	5-1/2"	8 3/4"	.361"	14,360	11,500	50:50 Poz	1.16
Tubing	2-7/8"	NA	.217"	13,870	NA	NA	NA
Liners							

**PACKERS**

Kind:				
Sizes:				
Depths Set:				

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 set 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 casing 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): 31.12

22) Area to be disturbed for well pad only, less access road (acres): 10.4

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:

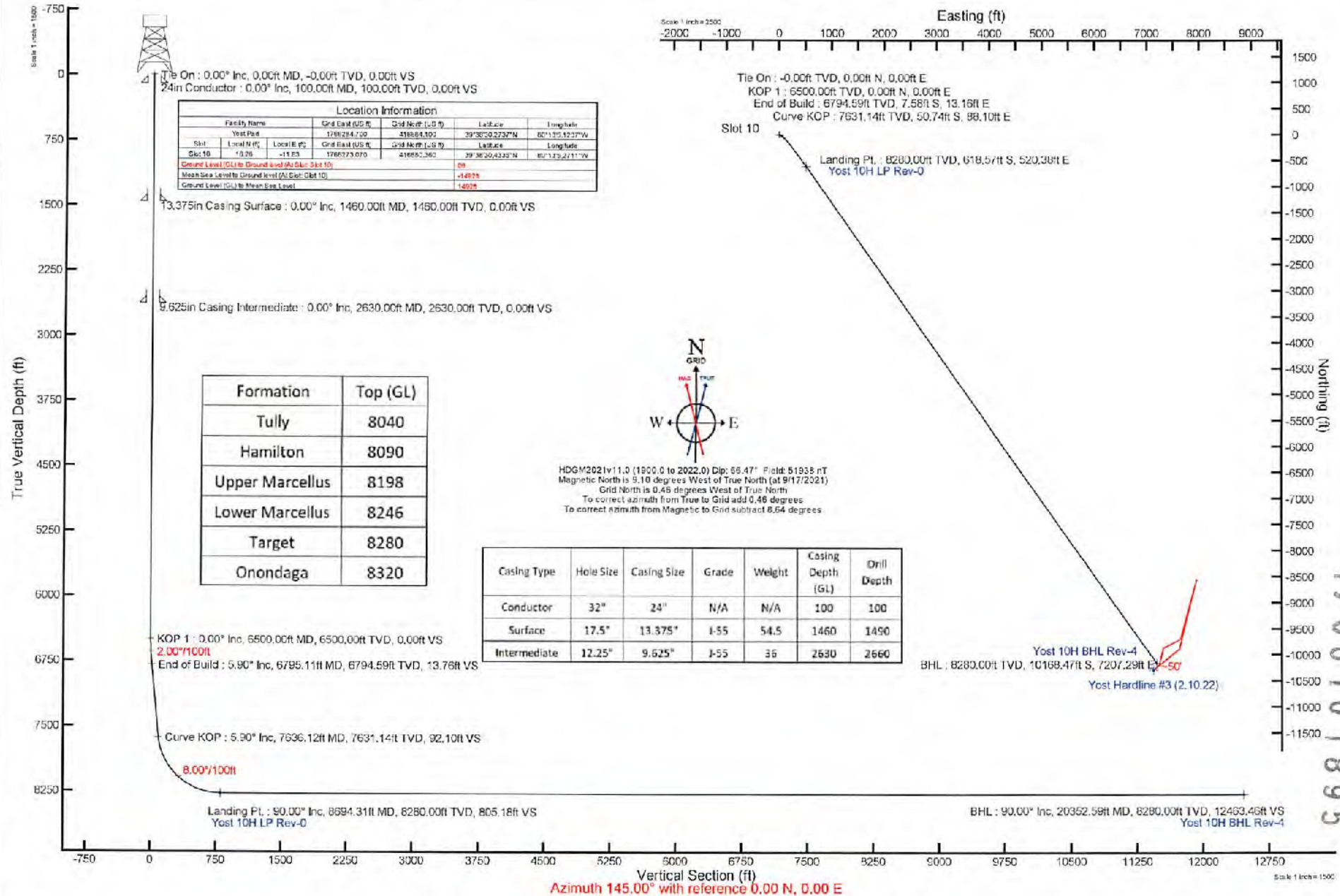
Surface & intermediate on air will utilize high volumetric flow rates of air to ensure the wellbore is clean prior to TOH.  
Production section will utilize synthetic oil based drilling mud to properly clean the wellbore. At TD, pump rate and rotation will be maximized and tripping will not begin until shakers flow clean.  
Production casing will be circulated prior to cementing to ensure a prepared wellbore for cement.

\*Note: Attach additional sheets as needed.

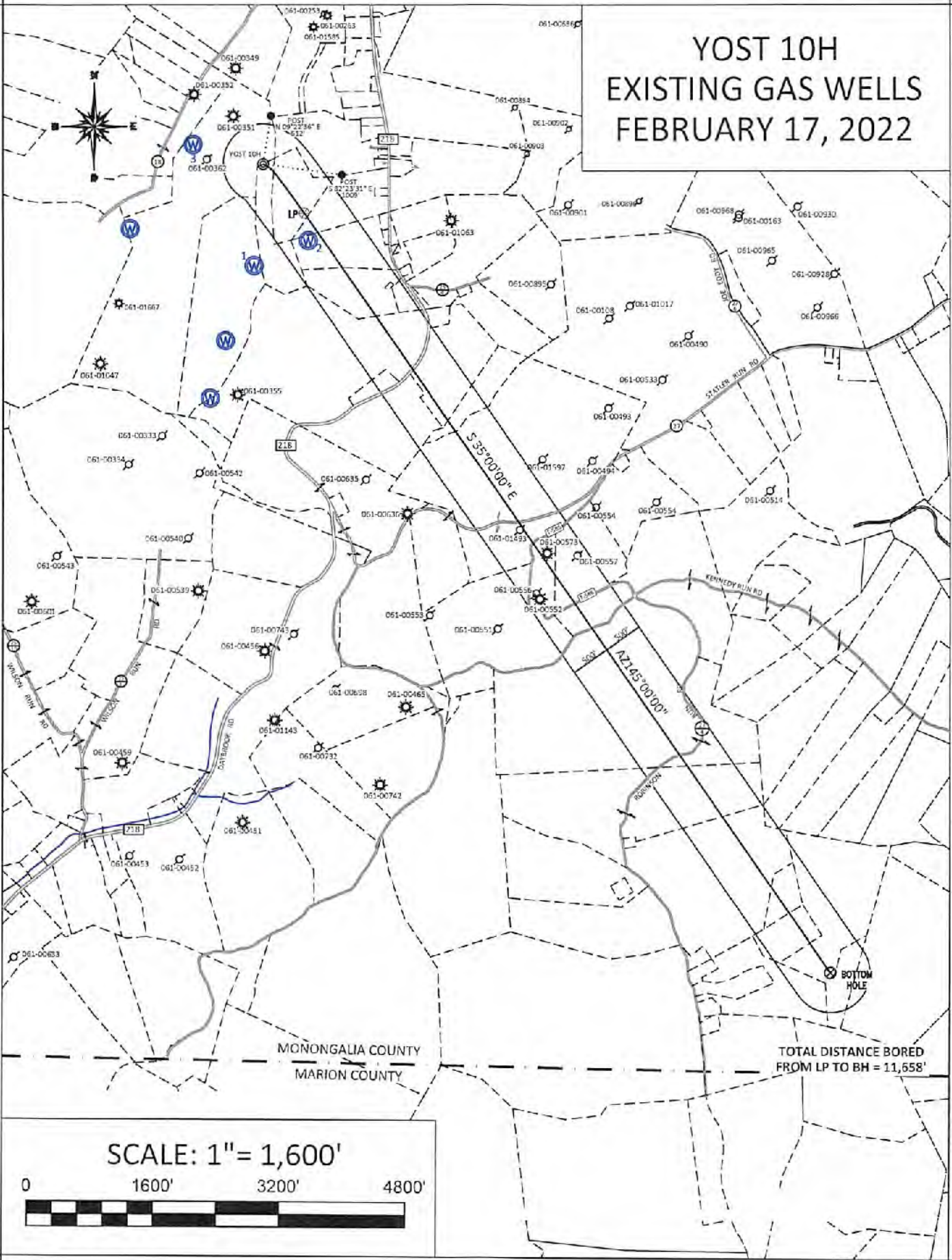
# NORTHEAST NATURAL ENERGY, LLC

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

Slot: Slot 10  
 Well: Yost 10H  
 Wellbore: Yost 10H PWB



# YOST 10H EXISTING GAS WELLS FEBRUARY 17, 2022



TOTAL DISTANCE BORED  
FROM LP TO BH = 11,558'

SCALE: 1" = 1,600'



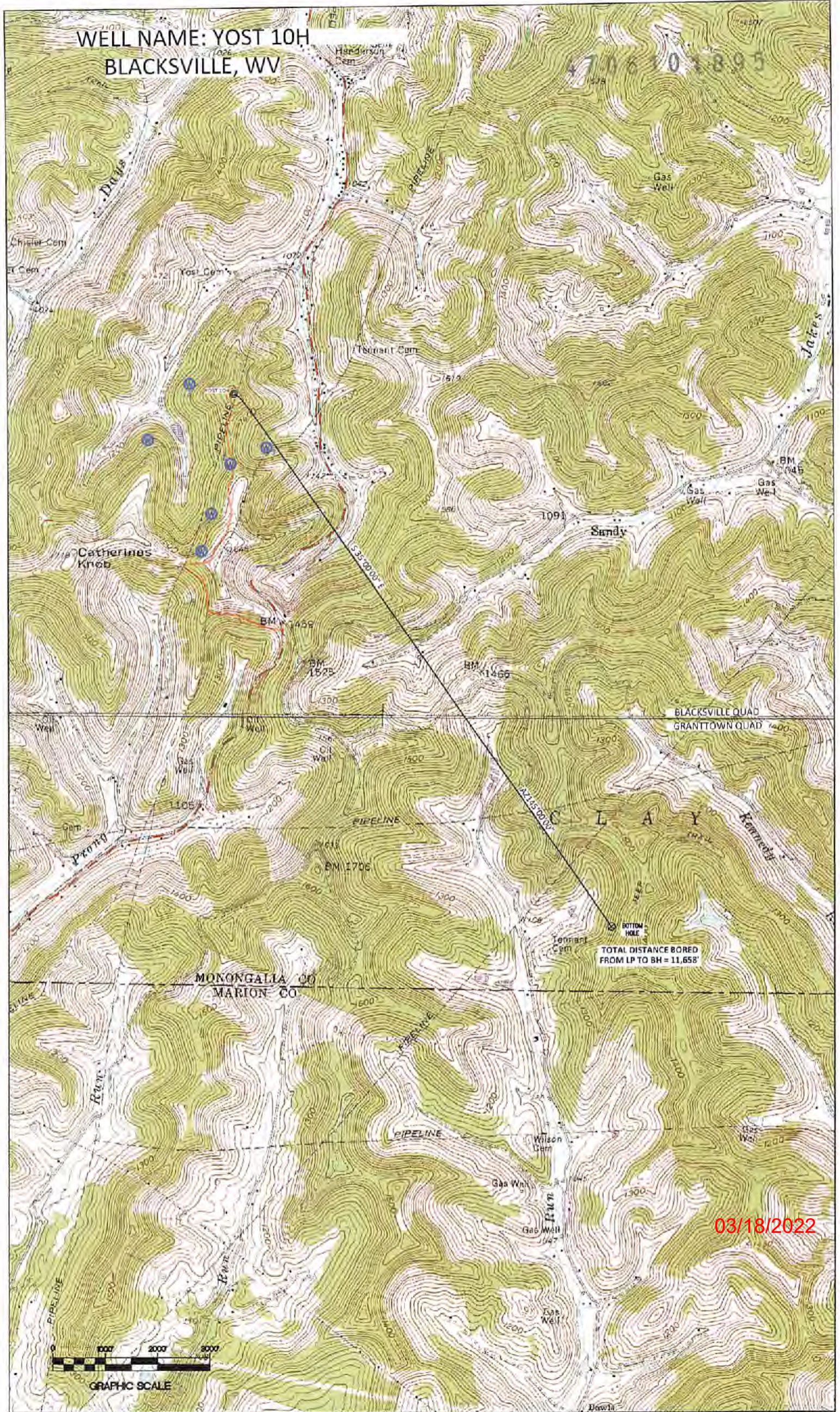
**YOST 10H AREA OF REVIEW**

<b>API Number</b>	<b>Well Name</b>	<b>Well Number</b>	<b>Operator</b>	<b>Latitude (NAD 83)</b>	<b>Longitude (NAD 83)</b>	<b>TMP</b>	<b>TVD</b>	<b>Comments</b>
061-00573	Merle Eddy	11	Pennzoil Company	39.628429	-80.205198	4-20-47	2135	Big Injun
061-00557	Glenn Eddy	5	East Resources Inc.	39.628352	-80.203833	4-20-47.3	NA	Plugged 8/31/2012
061-00552	Milton Wilson	2	Pennzoil Company	39.626871	-80.205466	4-20-47	NA	Plugged 3/11/2005
061-00556	James Eddy	4	East Resources Inc.	39.627031	-80.205666	4-20-47	2135	Plugged 8/16/2012
061-01493	Delbert & Lola Ammons	1	East Resources Inc.	39.629220	-80.206450	4-20-26	NA	Plugged 12/28/2004

4706101895

WELL NAME: YOST 10H  
BLACKSVILLE, WV

4706101895



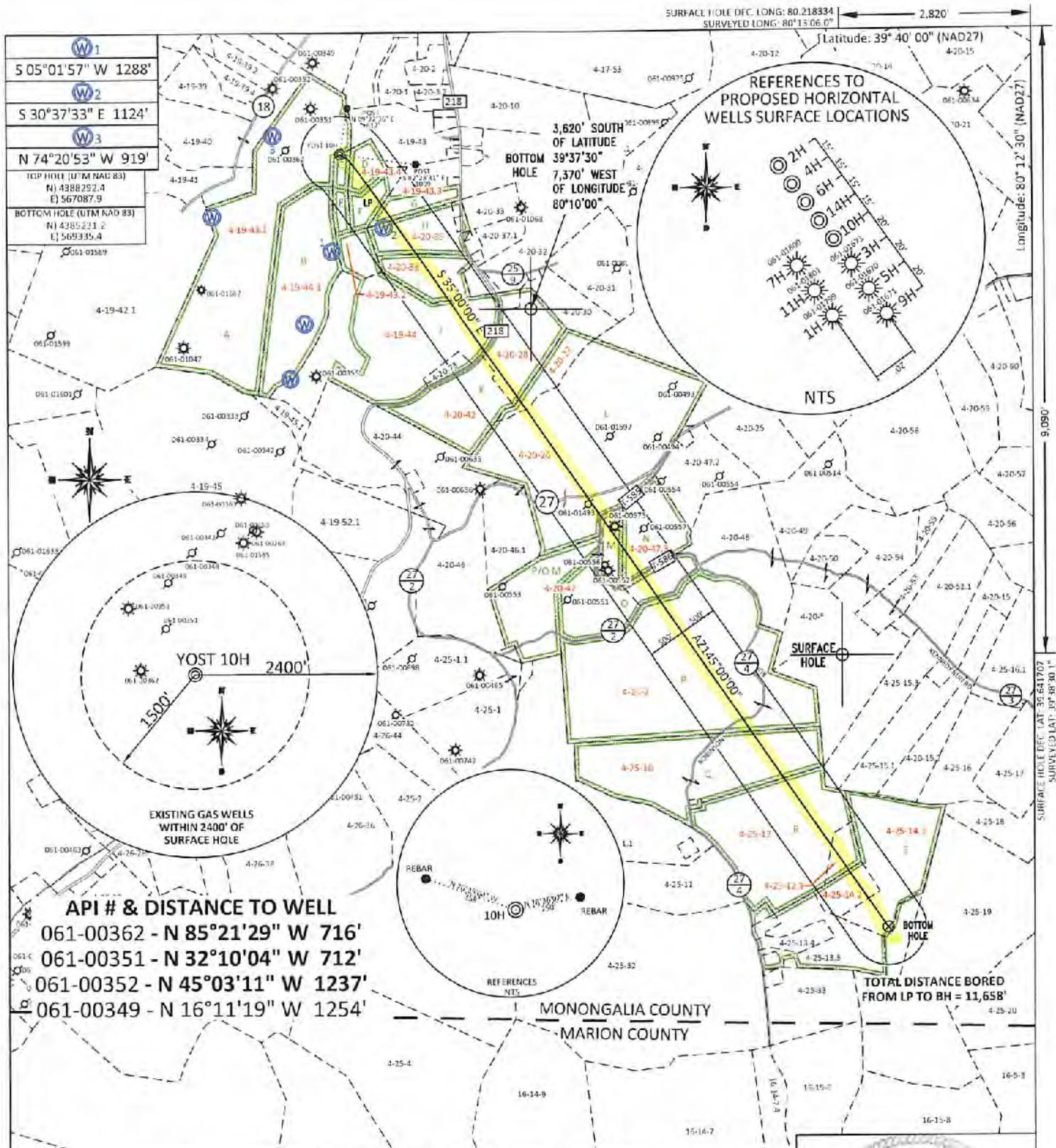
TOTAL DISTANCE BORED  
FROM LP TO BH = 11,658'

03/18/2022



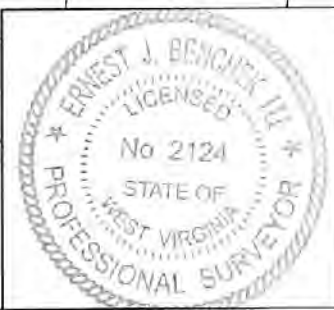
GRAPHIC SCALE





FILE #: NEE14  
 DRAWING #: 3038  
 SCALE: PLAT: 1" = 1800'  
TICK MARK: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SOURCE OF ELEVATION: SUBMETER MAPPING GRADE GPS

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.  
 Signed: [Signature]  
 L.L.S. #2124, Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WYDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304

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

WATERSHED: DUNKARD CREEK  
 COUNTY/DISTRICT: MONONGALIA / CLAY  
 SURFACE OWNER: YOST HERITAGE INC  
 OIL & GAS ROYALTY OWNER: \_\_\_\_\_  
 LEASE NUMBERS: \_\_\_\_\_

DATE: FEBRUARY 24, 2022  
 OPERATOR'S WELL #: YOST 10H  
 API WELL #: 47 61 01895 - M OD  
 STATE COUNTY PERMIT

AS-BUILT ELEVATION: 1,494.93'  
 QUADRANGLE: BLACKSVILLE, WV  
 ACREAGE: 93.08 +/- 03/18/2022  
 ACREAGE: 799.420 +/-

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: 8,280' TMD: 20,352'  
 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	
4-19-43.1	YOST HERITAGE INC
4-19-44.1	YOST HERITAGE INC
4-19-44	LOIS JEAN MCCOY, SANDY L MOORE ET AL
4-19-43.4	YOST HERITAGE INC
4-19-43.3	DONALD LEE & ROGER KIETH WILLIAMS ET AL
4-20-26	RANDY D & VICKY S AMMONS (LIFE DELBERT E & LOLA HARTLEY)
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4-25-14.2	AARON & DEBBIE CLEVINGER

LEASE INDEX			
A	WV-061-001043-002	J	WV-061-000173-065
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C	WV-061-001043-002	L	WV-061-002303-006
D	WV-061-003452-000	M	WV-061-005854-001
E	WV-061-000821-000	N	WV-061-005854-001
F	WV-061-003452-000	O	WV-061-005853-001
G	WV-061-003451-001	P	WV-061-005853-001
H	WV-061-003862-004	Q	WV-061-005853-001
I	WV-061-005686-001	R	WV-061-005853-001
		S	WV-061-005851-001

03/18/2022

FILE #: NEE14

DRAWING #: 2979

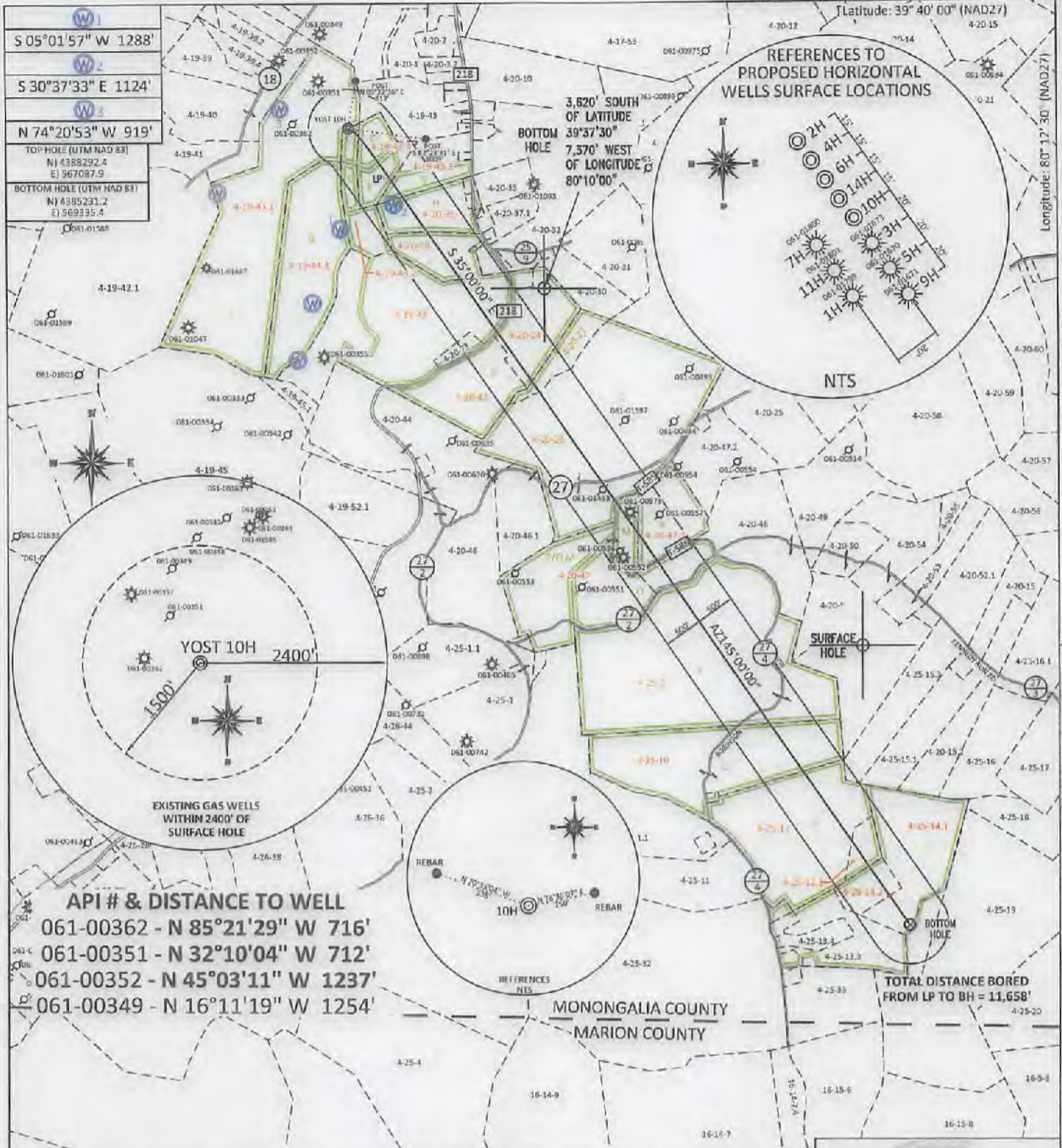
SCALE: N/A

DATE: FEBRUARY 24, 2022

OPERATOR'S WELL #: YOST 10H

API WELL #: 47 61 01895 - MOD  
STATE COUNTY PERMIT

SURFACE HOLE DEC. LONG: 80.218334 SURVEYED LONG: 80°13'06.0" Latitude: 39° 40' 00" (NAD27) Longitude: 80° 17' 30" (NAD27)



**API # & DISTANCE TO WELL**  
 061-00362 - N 85°21'29" W 716'  
 061-00351 - N 32°10'04" W 712'  
 061-00352 - N 45°03'11" W 1237'  
 061-00349 - N 16°11'19" W 1254'

FILE #: NEE14  
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 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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 Gas  Liquid Injection  Storage  Shallow

WATERSHED: DUNKARD CREEK  
 COUNTY/DISTRICT: MONONGALIA / CLAY  
 SURFACE OWNER: YOST HERITAGE INC  
 OIL & GAS ROYALTY OWNER: \_\_\_\_\_  
 LEASE NUMBERS: \_\_\_\_\_

AS-BUILT ELEVATION: 1,494.93'  
 QUADRANGLE: BLACKSVILLE, WV  
 ACREAGE: 93.08 + 03/18/2022  
 ACREAGE: 799.420 +/-

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: 8,280' TMD: 20,352'  
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G	WV-061-003451-001	P	WV-061-005853-001
H	WV-061-003862-004	Q	WV-061-005853-001
I	WV-061-005686-001	R	WV-061-005853-001
		S	WV-061-005851-001

03/18/2022

FILE #: NEE14

DRAWING #: 2979

SCALE: N/A

DATE: FEBRUARY 24, 2022

OPERATOR'S WELL #: YOST 10H

API WELL #: 47 61 01895 -MDD  
STATE COUNTY PERMIT

WW-6A1  
(5/13)

Operator's Well No. Yost 10H

**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

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  
 By: Hollie Medley *Hollie Medley*  
 Its: Regulatory Manager

Tract	Lease Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book	Page
A	WV-061-001043-002	Yost Heritage, Inc.	Northeast Natural Energy, LLC	12.5% Royalty or More	1512	513
B	WV-061-001043-002	Yost Heritage, Inc.	Northeast Natural Energy, LLC	12.5% Royalty or More	1512	513
C	WV-061-001043-002	Yost Heritage, Inc.	Northeast Natural Energy, LLC	12.5% Royalty or More	1512	513
	WV-061-004558-004	Corriell Cummins	Northeast Natural Energy, LLC	12.5% Royalty or More	1596	600
D	WV-061-003452-000	Yost Heritage, Inc.	Northeast Natural Energy, LLC	12.5% Royalty or More	1513	611
	WV-061-000682-039	Chad D. Tennant	Northeast Natural Energy, LLC	12.5% Royalty or More	1503	809
	WV-061-000682-006	Donald Spencer Tennant	Northeast Natural Energy, LLC	12.5% Royalty or More	1449	304
	WV-061-000682-003	Bryan D. Tennant	Northeast Natural Energy, LLC	12.5% Royalty or More	1449	310
	WV-061-000682-006	Donald L. Tennant	Northeast Natural Energy, LLC	12.5% Royalty or More	1449	308
	WV-061-000682-009	Thomas A. Tennant	Northeast Natural Energy, LLC	12.5% Royalty or More	1450	455
	WV-061-000682-012	Robert Leon Pyles	Northeast Natural Energy, LLC	12.5% Royalty or More	1450	463
	WV-061-000682-015	James Morgan Pyles	Northeast Natural Energy, LLC	12.5% Royalty or More	1450	110
	WV-061-000682-032	Robert R. Martin	Northeast Natural Energy, LLC	12.5% Royalty or More	1503	124
	WV-061-000682-031	Jamie Hubbard	Northeast Natural Energy, LLC	12.5% Royalty or More	1503	659
	WV-061-000682-031	Jennifer Martin	Northeast Natural Energy, LLC	12.5% Royalty or More	1503	659
	WV-061-000682-047	Peter Eves	Northeast Natural Energy, LLC	12.5% Royalty or More	1505	151
	WV-061-000682-046	Tonya Billingsley	Northeast Natural Energy, LLC	12.5% Royalty or More	1505	137
	WV-061-000682-048	Gary Eves	Northeast Natural Energy, LLC	12.5% Royalty or More	1505	183
	WV-061-000682-052	Paul H. Gensko	Northeast Natural Energy, LLC	12.5% Royalty or More	1512	515
	WV-061-000682-043	John F. Gensko	Northeast Natural Energy, LLC	12.5% Royalty or More	1511	548
	WV-061-000682-049	Mary Morris	Northeast Natural Energy, LLC	12.5% Royalty or More	1504	758
	WV-061-000682-040	Lawrence Morris	Northeast Natural Energy, LLC	12.5% Royalty or More	1505	525
	WV-061-000682-044	Sandra J. Swartz	Northeast Natural Energy, LLC	12.5% Royalty or More	1509	769
	WV-061-000682-041	Thomas Andrew Morris	Northeast Natural Energy, LLC	12.5% Royalty or More	1506	431
	WV-061-000682-049	Clarence Joseph Womer, Jr.	Northeast Natural Energy, LLC	12.5% Royalty or More	1510	76
	WV-061-000682-025	Karen Markle	Northeast Natural Energy, LLC	12.5% Royalty or More	1460	125
	WV-061-000682-038	Carol Broadhurst	Northeast Natural Energy, LLC	12.5% Royalty or More	1503	794
	WV-061-000682-037	Mildred Williams	Northeast Natural Energy, LLC	12.5% Royalty or More	1503	792
	WV-061-000682-042	Daniel J. Taub, Sr.	Northeast Natural Energy, LLC	12.5% Royalty or More	1505	147
	WV-061-000682-014	Charles H. Morris	Northeast Natural Energy, LLC	12.5% Royalty or More	1453	221
	WV-061-000682-019	Robert A. Morris	Northeast Natural Energy, LLC	12.5% Royalty or More	1456	59
	WV-061-000682-010	Esther L. Morris	Northeast Natural Energy, LLC	12.5% Royalty or More	1450	457
	WV-061-000682-011	Dorothy L. Kollar	Northeast Natural Energy, LLC	12.5% Royalty or More	1450	465
	WV-061-000682-053	Roger E. Goldthwaite	Northeast Natural Energy, LLC	12.5% Royalty or More	1511	769
	WV-061-000682-035	Gordon J. Goldthwaite	Northeast Natural Energy, LLC	12.5% Royalty or More	1503	661
	WV-061-000682-036	Janet Spark	Northeast Natural Energy, LLC	12.5% Royalty or More	1502	540
	WV-061-000682-034	Charles M. Spark	Northeast Natural Energy, LLC	12.5% Royalty or More	1510	710
	WV-061-000682-021	Pamela Ruth Spark Natho	Northeast Natural Energy, LLC	12.5% Royalty or More	1458	710
E	WV-061-000821-000	Wilma Sem Williams, Life Estate, Donald Lee Williams, Deborah Ann Williams Delany, Roger Keltis Williams	Northeast Natural Energy, LLC	12.5% Royalty or More	1460	127
F	WV-061-003452-000	Yost Heritage, Inc.	Northeast Natural Energy, LLC	12.5% Royalty or More	1513	611
G	WV-061-003451-001	Deborah Ann Williams Delany	Northeast Natural Energy, LLC	12.5% Royalty or More	1513	265
	WV-061-005576-069	Andrea Armstrong	Northeast Natural Energy, LLC	12.5% Royalty or More	1686	141
	WV-061-005576-110	Ruby Eugenia Ault	Northeast Natural Energy, LLC	11.5% Royalty or More	1704	644
	WV-061-005576-058	Angela M. Berry Dodrill	Northeast Natural Energy, LLC	12.5% Royalty or More	1684	513
	WV-061-005576-061	Charles J. Berry	Northeast Natural Energy, LLC	12.5% Royalty or More	1684	519
	WV-061-005576-067	Charles Ray Berry	Northeast Natural Energy, LLC	12.5% Royalty or More	1686	137
	WV-061-005576-062	Christine M. Berry	Northeast Natural Energy, LLC	12.5% Royalty or More	1684	452
	WV-061-005576-060	Donald Berry	Northeast Natural Energy, LLC	12.5% Royalty or More	1684	517
	WV-061-005576-063	James Lee Berry Jr.	Northeast Natural Energy, LLC	12.5% Royalty or More	1684	454
	WV-061-005576-064	Michael Ray Berry	Northeast Natural Energy, LLC	12.5% Royalty or More	1684	456
	WV-061-005576-059	Tricia Savanham	Northeast Natural Energy, LLC	12.5% Royalty or More	1684	507
	WV-061-005576-059	Robert W. Berry	Northeast Natural Energy, LLC	12.5% Royalty or More	1684	515
	WV-061-005576-071	Theresa D. Berry Briggs	Northeast Natural Energy, LLC	12.5% Royalty or More	1686	145
	WV-061-005576-111	Debra Lynn Brockus	Northeast Natural Energy, LLC	12.5% Royalty or More	1706	299
	WV-061-005576-037	Joanna E. Broskey	Northeast Natural Energy, LLC	12.5% Royalty or More	1683	562
	WV-061-005576-038	Tanya R. Bryan	Northeast Natural Energy, LLC	12.5% Royalty or More	1683	564
	WV-061-005576-002	Janet E. Sautzrogle Brunfield	Northeast Natural Energy, LLC	12.5% Royalty or More	1675	219
	WV-061-005576-056	Randy J. Crites	Northeast Natural Energy, LLC	12.5% Royalty or More	1684	509
	WV-061-005576-082	Richard B. Crites	Northeast Natural Energy, LLC	12.5% Royalty or More	1690	308
	WV-061-005576-076	Stephen E. Crites	Northeast Natural Energy, LLC	12.5% Royalty or More	1687	598
	WV-061-005576-116	Sharon G. Earl	Northeast Natural Energy, LLC	12.5% Royalty or More	1716	45
	WV-061-005576-074	Wayne Foley	Northeast Natural Energy, LLC	12.5% Royalty or More	1687	594
	WV-061-005576-097	Jay Jackson	Northeast Natural Energy, LLC	12.5% Royalty or More	1697	756
	WV-061-005576-085	Donna Marie Johnson	Northeast Natural Energy, LLC	12.5% Royalty or More	1692	237

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Tract	Lease Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book	Page
	WV-061-005576-098	Ioni Katon	Northeast Natural Energy, LLC	12.5% Royalty or More	1697	758
	WV-061-005576-091	Debra L. King	Northeast Natural Energy, LLC	12.5% Royalty or More	1690	306
	WV-061-005576-105	Bonnie Sue Lauterer	Northeast Natural Energy, LLC	12.5% Royalty or More	1699	476
	WV-061-005576-057	Diane K. Lenett	Northeast Natural Energy, LLC	12.5% Royalty or More	1684	511
	WV-061-005576-075	Margie P. Walls McMahon	Northeast Natural Energy, LLC	12.5% Royalty or More	1687	596
	WV-061-005576-040	Unde Metz	Northeast Natural Energy, LLC	12.5% Royalty or More	1683	568
	WV-061-005576-018	Peggy Ann Tennant Morris	Northeast Natural Energy, LLC	12.5% Royalty or More	1679	395
	WV-061-005576-092	Jo Dee Norman	Northeast Natural Energy, LLC	12.5% Royalty or More	1694	634
	WV-061-005576-070	Michael P. Olach	Northeast Natural Energy, LLC	12.5% Royalty or More	1686	143
	WV-061-005576-094	Eonia Phillips	Northeast Natural Energy, LLC	12.5% Royalty or More	1694	636
	WV-061-005576-091	Lois R. Robertson	Northeast Natural Energy, LLC	12.5% Royalty or More	1694	632
	WV-061-005576-017	Janet D. Rogers	Northeast Natural Energy, LLC	12.5% Royalty or More	1679	389
	WV-061-005576-041	Betty Bohzen	Northeast Natural Energy, LLC	12.5% Royalty or More	1683	570
	WV-061-005576-112	Bernard Eugene Shioman	Northeast Natural Energy, LLC	12.5% Royalty or More	1706	301
	WV-061-005576-065	Daniel K. Simons	Northeast Natural Energy, LLC	12.5% Royalty or More	1684	458
	WV-061-005576-012	Dorothy Koval Simons	Northeast Natural Energy, LLC	12.5% Royalty or More	1679	379
	WV-061-005576-024	Susan M. Simons	Northeast Natural Energy, LLC	12.5% Royalty or More	1679	391
	WV-061-005576-014	Alan Leroy Simpson	Northeast Natural Energy, LLC	12.5% Royalty or More	1679	383
	WV-061-005576-016	Albert Lee Simpson	Northeast Natural Energy, LLC	12.5% Royalty or More	1679	387
	WV-061-005576-015	Barbara Simons	Northeast Natural Energy, LLC	12.5% Royalty or More	1679	385
	WV-061-005576-107	Donnie E. Simason	Northeast Natural Energy, LLC	12.5% Royalty or More	1699	480
	WV-061-005576-109	Gary Simpson	Northeast Natural Energy, LLC	12.5% Royalty or More	1699	484
	WV-061-005576-086	Clarence Willard Sine	Northeast Natural Energy, LLC	12.5% Royalty or More	1692	739
	WV-061-005576-087	Donald R. Sine	Northeast Natural Energy, LLC	12.5% Royalty or More	1692	741
	WV-061-005576-088	Larry K. Sine	Northeast Natural Energy, LLC	12.5% Royalty or More	1692	207
	WV-061-005576-104	Neal L. Sine	Northeast Natural Energy, LLC	12.5% Royalty or More	1699	474
	WV-061-005576-006	Carl Allen Spitznogle	Northeast Natural Energy, LLC	12.5% Royalty or More	1678	335
	WV-061-005576-007	Charles Wayne Spitznogle	Northeast Natural Energy, LLC	12.5% Royalty or More	1678	337
	WV-061-005576-005	Jeffrey L. Spitznogle	Northeast Natural Energy, LLC	12.5% Royalty or More	1678	333
	WV-061-005576-042	Dorothy J. Tennant Statler	Northeast Natural Energy, LLC	12.5% Royalty or More	1683	572
	WV-061-005576-090	Rita J. Tanner	Northeast Natural Energy, LLC	12.5% Royalty or More	1682	211
	WV-061-005576-108	Debra Carol Ten Eyck	Northeast Natural Energy, LLC	12.5% Royalty or More	1699	482
	WV-061-003451-001	Wilma Gem Williams - life estate	Northeast Natural Energy, LLC	12.5% Royalty or More	1513	285
	WV-061-003451-001	Donald Lee Williams	Northeast Natural Energy, LLC	12.5% Royalty or More	1513	285
	WV-061-003451-001	Roger Keith Williams	Northeast Natural Energy, LLC	12.5% Royalty or More	1513	285
	WV-061-005576-106	Deidre Wilson	Northeast Natural Energy, LLC	12.5% Royalty or More	1699	478
	WV-061-005576-025	Kelli D. Wilson	Northeast Natural Energy, LLC	12.5% Royalty or More	1679	393
	WV-061-005576-013	Lorn E. Kuhn	Northeast Natural Energy, LLC	12.5% Royalty or More	1679	381
	WV-061-005576-026	Gary D. Yost	Northeast Natural Energy, LLC	12.5% Royalty or More	1679	387
	WV-061-005576-033	Michael G. Phillips	Northeast Natural Energy, LLC	12.5% Royalty or More	1681	741
	WV-061-005576-039	Melinda P. Heidekat	Northeast Natural Energy, LLC	12.5% Royalty or More	1683	566
	WV-061-005576-027	David Dale Yost	Northeast Natural Energy, LLC	12.5% Royalty or More	1679	399
	WV-061-005576-028	Dennis Lynn Yost	Northeast Natural Energy, LLC	12.5% Royalty or More	1679	401
	WV-061-005576-084	Cheral A. Skinner	Northeast Natural Energy, LLC	12.5% Royalty or More	1692	735
	WV-061-005576-083	Kami Elliot	Northeast Natural Energy, LLC	12.5% Royalty or More	1692	733
	WV-061-005576-093	Marsha Catherine Wilson	Northeast Natural Energy, LLC	12.5% Royalty or More	1675	721
	WV-061-005576-089	Theodore W. Wilson	Northeast Natural Energy, LLC	12.5% Royalty or More	1692	209
H	WV-061-003862-004	Stephanie W. Evans	Northeast Natural Energy, LLC	12.5% Royalty or More	1660	832
I	WV-061-005886-001	Patricia D. Foley	Northeast Natural Energy, LLC	12.5% Royalty or More	1721	437
J	WV-061-000173-068	Thomas Solars	Northeast Natural Energy, LLC	12.5% Royalty or More	1683	540
	WV-061-000173-058	Tammara L. Mordecke	Northeast Natural Energy, LLC	12.5% Royalty or More	1673	160
	WV-061-000173-059	Eugene Herрман Jr.	Northeast Natural Energy, LLC	12.5% Royalty or More	1673	262
	WV-061-000173-054	Paul J. Herрман Sr.	Northeast Natural Energy, LLC	12.5% Royalty or More	1672	37
	WV-061-000173-055	Linda D. Herрман	Northeast Natural Energy, LLC	12.5% Royalty or More	1670	39
	WV-061-000173-063	Maryjean Herрман	Northeast Natural Energy, LLC	12.5% Royalty or More	1673	270
	WV-061-000173-064	Rodana D. Gorman	Northeast Natural Energy, LLC	12.5% Royalty or More	1675	169
	WV-061-000173-057	Kathy B. Chesney	Northeast Natural Energy, LLC	12.5% Royalty or More	1673	258
	WV-061-000173-053	Lori Linda Mendicela	Northeast Natural Energy, LLC	12.5% Royalty or More	1670	35
	WV-061-000173-056	Thomas L. Austin	Northeast Natural Energy, LLC	12.5% Royalty or More	1670	41
	WV-061-000173-060	Bruce S. Bissett	Northeast Natural Energy, LLC	12.5% Royalty or More	1673	264
	WV-061-000173-061	Shari L. Rush	Northeast Natural Energy, LLC	12.5% Royalty or More	1673	266
	WV-061-000173-062	Seth Rush	Northeast Natural Energy, LLC	12.5% Royalty or More	1673	268
	WV-061-000173-049	Shelly D. Henkins	Northeast Natural Energy, LLC	12.5% Royalty or More	1615	733
	WV-061-000173-050	Randy A. Dean	Northeast Natural Energy, LLC	12.5% Royalty or More	1615	735
	WV-061-000173-048	Kenneth William Dean	Northeast Natural Energy, LLC	12.5% Royalty or More	1615	731
	WV-061-000173-004	Judith Ann Munkittrick	Northeast Natural Energy, LLC	12.5% Royalty or More	1711	553
	WV-061-000173-002	Walter Kevin Huffman	Northeast Natural Energy, LLC	12.5% Royalty or More	1712	776

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Tract	Lease Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book	Page
	WV-061-000173-019	Patricia A. Salvatore	Northeast Natural Energy, LLC	12.5% Royalty or More	1543	631
	WV-061-000173-019	Deborah M. Murray	Northeast Natural Energy, LLC	12.5% Royalty or More	1543	631
	WV-061-000173-066	David Wayne Barr	Northeast Natural Energy, LLC	12.5% Royalty or More	1691	723
	WV-061-000173-046	Connie C. Sutton	Northeast Natural Energy, LLC	12.5% Royalty or More	1589	245
	WV-061-000173-045	Donna C. Miller	Northeast Natural Energy, LLC	12.5% Royalty or More	1586	514
	WV-061-000173-041	Zachary L. Mason	Northeast Natural Energy, LLC	12.5% Royalty or More	1566	283
	WV-061-000173-042	Gregory C. Mason	Northeast Natural Energy, LLC	12.5% Royalty or More	1566	202
	WV-061-004286-002	Debra Lynn Frazier	Northeast Natural Energy, LLC	12.5% Royalty or More	1571	637
	WV-061-004286-001	Terrance Walter Mason	Northeast Natural Energy, LLC	12.5% Royalty or More	1571	635
<b>K</b>	WV-061-000173-055	Thomas Sellers	Northeast Natural Energy, LLC	12.5% Royalty or More	1683	540
	WV-061-000173-058	Tammara L. Mordecki	Northeast Natural Energy, LLC	12.5% Royalty or More	1673	260
	WV-061-000173-059	Eugene Herrman Jr.	Northeast Natural Energy, LLC	12.5% Royalty or More	1673	262
	WV-061-000173-054	Paul J. Herrmann Sr.	Northeast Natural Energy, LLC	12.5% Royalty or More	1670	37
	WV-061-000173-055	Linda D. Herrmann	Northeast Natural Energy, LLC	12.5% Royalty or More	1670	39
	WV-061-000173-063	Marilyn Herrmann	Northeast Natural Energy, LLC	12.5% Royalty or More	1673	270
	WV-061-000173-064	Redana D. Gorman	Northeast Natural Energy, LLC	12.5% Royalty or More	1675	165
	WV-061-000173-057	Kathy B. Chesney	Northeast Natural Energy, LLC	12.5% Royalty or More	1673	258
	WV-061-000173-053	Lori Linda Mendola	Northeast Natural Energy, LLC	12.5% Royalty or More	1670	35
	WV-061-000173-056	Thomas L. Austin	Northeast Natural Energy, LLC	12.5% Royalty or More	1670	41
	WV-061-000173-060	Brice S. Bissett	Northeast Natural Energy, LLC	12.5% Royalty or More	1673	264
	WV-061-000173-061	Shan L. Rush	Northeast Natural Energy, LLC	12.5% Royalty or More	1673	266
	WV-061-000173-062	Seth Rush	Northeast Natural Energy, LLC	12.5% Royalty or More	1673	268
	WV-061-000173-049	Shelly D. Henkins	Northeast Natural Energy, LLC	12.5% Royalty or More	1615	733
	WV-061-000173-050	Randy A. Dean	Northeast Natural Energy, LLC	12.5% Royalty or More	1615	735
	WV-061-000173-048	Kenneth William Dean	Northeast Natural Energy, LLC	12.5% Royalty or More	1615	731
	WV-061-000173-004	Judith Ann Munkittrick	Northeast Natural Energy, LLC	12.5% Royalty or More	1711	553
	WV-061-000173-002	Walter Kevin Huffman	Northeast Natural Energy, LLC	12.5% Royalty or More	1711	776
	WV-061-000173-019	Patricia A. Salvatore	Northeast Natural Energy, LLC	12.5% Royalty or More	1543	631
	WV-061-000173-019	Deborah M. Murray	Northeast Natural Energy, LLC	12.5% Royalty or More	1543	631
	WV-061-000173-066	David Wayne Barr	Northeast Natural Energy, LLC	12.5% Royalty or More	1691	723
	WV-061-000173-046	Connie C. Sutton	Northeast Natural Energy, LLC	12.5% Royalty or More	1589	245
	WV-061-000173-045	Donna C. Miller	Northeast Natural Energy, LLC	12.5% Royalty or More	1586	514
	WV-061-000173-041	Zachary L. Mason	Northeast Natural Energy, LLC	12.5% Royalty or More	1566	283
	WV-061-000173-042	Gregory C. Mason	Northeast Natural Energy, LLC	12.5% Royalty or More	1566	202
	WV-061-004286-002	Debra Lynn Frazier	Northeast Natural Energy, LLC	12.5% Royalty or More	1571	637
	WV-061-004286-001	Terrance Walter Mason	Northeast Natural Energy, LLC	12.5% Royalty or More	1571	635
<b>L</b>	WV-061-002303-006	Cynthia Sue Eddy Phillips	Northeast Natural Energy, LLC	12.5% Royalty or More	1612	803
	WV-061-002303-117	Jessica Rink	Northeast Natural Energy, LLC	12.5% Royalty or More	1678	277
	WV-061-002303-116	Lisa S. Kucntz	Northeast Natural Energy, LLC	12.5% Royalty or More	1678	275
	WV-061-002303-118	Christina F. Rink	Northeast Natural Energy, LLC	12.5% Royalty or More	1679	242
	WV-061-002303-122	Robert John Owen	Northeast Natural Energy, LLC	12.5% Royalty or More	1699	405
	WV-061-002303-109	Sandra L. Barker Hempfling	Northeast Natural Energy, LLC	12.5% Royalty or More	1670	53
	WV-061-002303-099	Shirri Ann Barker Beeson	Northeast Natural Energy, LLC	12.5% Royalty or More	1641	302
	WV-061-002303-112	Merle Lee Hawkins	Northeast Natural Energy, LLC	12.5% Royalty or More	1673	274
	WV-061-002303-074	Joan Patty Eddy Therp	Northeast Natural Energy, LLC	12.5% Royalty or More	1623	515
	WV-061-002303-057	Betty Lou Eddy	Northeast Natural Energy, LLC	12.5% Royalty or More	1622	477
	WV-061-002303-077	Mary Josephine Eddy	Northeast Natural Energy, LLC	12.5% Royalty or More	1629	114
	WV-061-002303-070	Robert Wayne Eddy	Northeast Natural Energy, LLC	12.5% Royalty or More	1623	403
	WV-061-002303-029	Leila Catherine Eddy	Northeast Natural Energy, LLC	12.5% Royalty or More	1616	116
	WV-061-002303-008	Nancy Louise Stinnett	Northeast Natural Energy, LLC	12.5% Royalty or More	1615	403
	WV-061-002303-007	Mary Leigh Cox	Northeast Natural Energy, LLC	12.5% Royalty or More	1615	401
	WV-061-002303-016	Eric Keith Jones	Northeast Natural Energy, LLC	12.5% Royalty or More	1615	833
	WV-061-002303-024	Nick Alan Jones	Northeast Natural Energy, LLC	12.5% Royalty or More	1615	831
	WV-061-002303-071	Hattie Melvena Lyons	Northeast Natural Energy, LLC	12.5% Royalty or More	1622	849
	WV-061-002303-065	Richard T. Fair	Northeast Natural Energy, LLC	12.5% Royalty or More	1622	493
	WV-061-002303-023	Charles Thomas Fair	Northeast Natural Energy, LLC	12.5% Royalty or More	1615	787
	WV-061-002303-025	Allen Keith Fair	Northeast Natural Energy, LLC	12.5% Royalty or More	1617	721
	WV-061-002303-012	Dayle Keith McDermitt	Northeast Natural Energy, LLC	12.5% Royalty or More	1615	411
	WV-061-002303-005	Mary Margaret Field	Northeast Natural Energy, LLC	12.5% Royalty or More	1612	801
	WV-061-002303-009	John R. Jones	Northeast Natural Energy, LLC	12.5% Royalty or More	1615	405
	WV-061-002303-027	Kenneth Jones	Northeast Natural Energy, LLC	12.5% Royalty or More	1617	723
	WV-061-002303-015	Don Carlos Jones	Northeast Natural Energy, LLC	12.5% Royalty or More	1615	473
	WV-061-002303-013	Byron Oliver Jones	Northeast Natural Energy, LLC	12.5% Royalty or More	1615	413
	WV-061-002303-014	Beth L. Rusk	Northeast Natural Energy, LLC	12.5% Royalty or More	1615	416
	WV-061-002303-120	Richard A. Arnold	Northeast Natural Energy, LLC	12.5% Royalty or More	1687	97
	WV-061-002303-121	Lawrence D. Arnold	Northeast Natural Energy, LLC	12.5% Royalty or More	1685	99
	WV-061-002303-021	Kenneth LePage	Northeast Natural Energy, LLC	12.5% Royalty or More	1615	747

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Tract	Lease Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book	Page
	WV-061-002303-002	MM-Marcellus II, LP	Northeast Natural Energy, LLC	12.5% Royalty or More	1584	92
	WV-061-004640-001	James E. Thorne II	Northeast Natural Energy, LLC	12.5% Royalty or More	1598	609
	WV-061-004640-001	Ryan Neil Thorne	Northeast Natural Energy, LLC	12.5% Royalty or More	1598	609
	WV-061-002303-113	WV Minerals Inc.	Northeast Natural Energy, LLC	12.5% Royalty or More	1679	240
	WV-061-002303-019	Karen Diane Hager	Northeast Natural Energy, LLC	12.5% Royalty or More	1615	743
	WV-061-002303-018	Priscilla Doreen Cobello	Northeast Natural Energy, LLC	12.5% Royalty or More	1615	741
	WV-061-002303-110	Lisa Marie Crabtree	Northeast Natural Energy, LLC	12.5% Royalty or More	1670	94
	WV-061-002303-108	Christy Lynn Montilus	Northeast Natural Energy, LLC	12.5% Royalty or More	1670	51
	WV-061-002303-050	Nancy M. LaGrande	Northeast Natural Energy, LLC	12.5% Royalty or More	1617	731
	WV-061-002303-078	Jane Ann Jones	Northeast Natural Energy, LLC	12.5% Royalty or More	1628	378
	WV-061-002303-020	Barbara Ann Wilcox McCullough	Northeast Natural Energy, LLC	12.5% Royalty or More	1615	745
	WV-061-002303-089	Heather M. Lannen	Northeast Natural Energy, LLC	12.5% Royalty or More	1636	761
	WV-061-002303-088	John Vernon Williams	Northeast Natural Energy, LLC	12.5% Royalty or More	1636	141
	WV-061-002303-090	Johnny Eugene Williams	Northeast Natural Energy, LLC	12.5% Royalty or More	1637	42
	WV-061-002303-095	Melvin Carl Williams	Northeast Natural Energy, LLC	12.5% Royalty or More	1638	476
	WV-061-002303-094	Linda Mangum Tennant	Northeast Natural Energy, LLC	12.5% Royalty or More	1637	573
	WV-061-002303-093	Martha Peters	Northeast Natural Energy, LLC	12.5% Royalty or More	1638	782
	WV-061-002303-037	Betty L. Walls Vandella	Northeast Natural Energy, LLC	12.5% Royalty or More	1615	751
	WV-061-002303-036	Ronald D. Walls	Northeast Natural Energy, LLC	12.5% Royalty or More	1616	126
	WV-061-002303-035	Connie S. Wolfe	Northeast Natural Energy, LLC	12.5% Royalty or More	1616	124
	WV-061-002303-079	Donna Luketic	Northeast Natural Energy, LLC	12.5% Royalty or More	1628	380
	WV-061-002303-086	Terri Ann Marratta	Northeast Natural Energy, LLC	12.5% Royalty or More	1633	346
	WV-061-002303-085	Timothy Alan Walls	Northeast Natural Energy, LLC	12.5% Royalty or More	1638	472
	WV-061-002303-038	Marliesa Walls Yost	Northeast Natural Energy, LLC	12.5% Royalty or More	1617	727
	WV-061-002303-092	Denzil C. Wilson	Northeast Natural Energy, LLC	12.5% Royalty or More	1638	778
	WV-061-002303-062	Sarah Kathryn Riggi	Northeast Natural Energy, LLC	12.5% Royalty or More	1622	487
	WV-061-002303-091	Joyce E. Walls	Northeast Natural Energy, LLC	12.5% Royalty or More	1638	474
	WV-061-002303-119	Robert D. Gump Jr.	Northeast Natural Energy, LLC	12.5% Royalty or More	1681	679
	WV-061-002303-028	Wilma G. Williams	Northeast Natural Energy, LLC	12.5% Royalty or More	1616	108
	WV-061-002303-034	Patricia A. Tennant Shewmaker	Northeast Natural Energy, LLC	12.5% Royalty or More	1616	122
	WV-061-002303-030	Clifford Earl Tennant	Northeast Natural Energy, LLC	12.5% Royalty or More	1616	118
	WV-061-002303-031	David Blair Tennant	Northeast Natural Energy, LLC	12.5% Royalty or More	1616	120
	WV-061-002303-061	Judith Williams	Northeast Natural Energy, LLC	12.5% Royalty or More	1622	485
	WV-061-002303-066	Staci R. Miller	Northeast Natural Energy, LLC	12.5% Royalty or More	1622	495
	WV-061-002303-059	James J. Miller	Northeast Natural Energy, LLC	12.5% Royalty or More	1622	481
	WV-061-002303-064	Kathy Brown	Northeast Natural Energy, LLC	12.5% Royalty or More	1622	491
	WV-061-002303-063	Sarah Beth Hensley	Northeast Natural Energy, LLC	12.5% Royalty or More	1622	489
	WV-061-002303-051	Sheila Anderson-Freeland	Northeast Natural Energy, LLC	12.5% Royalty or More	1620	467
	WV-061-002303-058	Brigitte Marie Weaver	Northeast Natural Energy, LLC	12.5% Royalty or More	1622	479
	WV-061-002303-082	Steven Richard Freeland	Northeast Natural Energy, LLC	12.5% Royalty or More	1628	203
	WV-061-002303-052	Chantal Kay Freeland	Northeast Natural Energy, LLC	12.5% Royalty or More	1617	735
	WV-061-002303-050	Gary W. Tennant	Northeast Natural Energy, LLC	12.5% Royalty or More	1622	483
M	WV-061-005854-001	EQT	Northeast Natural Energy, LLC	12.5% Royalty or More	1764	14
N	WV-061-005854-001	EQT	Northeast Natural Energy, LLC	12.5% Royalty or More	1764	14
O	WV-061-005853-001	Shuman Inc.	Northeast Natural Energy, LLC	12.5% Royalty or More	148	400
P	WV-061-005853-001	Shuman Inc.	Northeast Natural Energy, LLC	12.5% Royalty or More	148	400
Q	WV-061-005853-001	Shuman Inc.	Northeast Natural Energy, LLC	12.5% Royalty or More	148	400
R	WV-061-005853-001	Shuman Inc.	Northeast Natural Energy, LLC	12.5% Royalty or More	148	400
S	WV-061-005851-001	Helen M. Burton	Northeast Natural Energy, LLC	12.5% Royalty or More	1764	12

## Expedited Permit Modification

Received date: 3/1/22

Expedited Final Date: 3/20/22

Operator: NNE

Well Name: 10H

Pad Name: Yost

API: 61-01895

	MODIFIED PERMIT	ORIGINAL PERMIT
TVD	8280	8280 ✓
TMD	20352	13710
HL	11658	5016
FW	1378	1378 ✓
SW	2410	2410 ✓
COAL	320,712	320,712 ✓
CONDUCTOR	100	100' ✓
FRESHWATER	1490	1490' ✓
INTERMEDIATE 1	2660	2660' ✓
INTERMEDIATE 2		—
PRODUCTION	20352	13710

Notes: A-f only ext. permit

A-1043-002 ✓	K-173-065 ✓
C-1043-002 ✓	L-2303-006 ✓
D-3452-000 ✓	M-5854-001 ✓
F-3452-000 ✓	N-5854-001 ✓
G-3451-001 ✓	O-5853-001 ✓
H-3862-004 ✓	P-5853-001 ✓
I-5686-001 ✓	Q-5853-001 ✓
J-173-063 ✓	R-5853-001 ✓
	S-5851-001 ✓



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

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**Modifications Horizontal H6A Well Work Permit API: 47-061-01892, 01893, 01894, 01895, & 01896)**

1 message

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

Wed, Mar 16, 2022 at 8:24 AM

To: Hollie Medley <hmedley@nne-llc.com>, Kristen Brooks <kbrooks@nne-llc.com>, Mark Musick <mmusick@assessor.org>, "Greynolds, Kenneth L" <kenneth.l.greynolds@wv.gov>

I have attached a copy of the newly issued well [permit](#) number. This will serve as your copy.

- 47-061-01892 - 2H
- 47-061-01893 - 4H
- 47-061-01894 - 6H
- 47-061-01895 - 10H
- 47-061-01896 - 14H - Non-Expedited

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](mailto:Wade.A.Stansberry@wv.gov)

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**5 attachments**

-  **47-061-01892 - mod.pdf**  
1761K
-  **47-061-01893 - mod.pdf**  
1730K
-  **47-061-01894 - mod.pdf**  
1922K
-  **47-061-01895 - mod.pdf**  
1980K
-  **47-061-01896 - mod.pdf**  
2105K