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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)

Wednesday, December 1, 2021  
WELL WORK PERMIT  
Horizontal 6A / New Drill

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

Re: Permit approval for 10H  
47-061-01895-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

  
James A. Martin  
Chief

Operator's Well Number: 10H  
Farm Name: YOST HERITAGE INC  
U.S. WELL NUMBER: 47-061-01895-00-00  
Horizontal 6A New Drill  
Date Issued: 12/1/2021

Promoting a healthy environment.

12/03/2021

# PERMIT CONDITIONS

West Virginia Code § 22-6A-8(d) allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

## CONDITIONS

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1. This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACE). Through this permit, you are hereby being advised to consult with USACE regarding this proposed activity.
2. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6A-5a (12), which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than one hundred (100) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
3. When compacting fills, each lift before compaction shall not be more than 12 inches in height, and the moisture content of the fill material shall be within limits as determined by the Standard Proctor Density test of the actual soils used in specific engineered fill, ASTM D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort, to achieve 95 % compaction of the optimum density. Each lift shall be tested for compaction, with a minimum of two tests per lift per acre of fill. All test results shall be maintained on site and available for review.
4. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.
5. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled *Water Well Regulations*, 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water supply well.
6. Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who may have requested such analyses.
7. 24 hours prior to the initiation of the completion process the operator shall notify the Chief or his designee.
8. During the completion process the operator shall monitor annular pressures and report any anomaly noticed to the chief or his designee immediately.
9. If any explosion or other accident causing loss of life or serious personal injury occurs in or about a well or well work on a well, the well operator or its contractor shall give notice, stating the particulars of the explosion or accident, to the oil and gas inspector and the Chief, within 24 hours of said accident.
10. During the casing and cementing process, in the event cement does not return to the surface, the oil and gas inspector shall be notified within 24 hours.

API Number: \_\_\_\_\_

## PERMIT CONDITIONS

11. The operator shall provide to the Office of Oil and Gas the dates of each of the following within 30 days of their occurrence: completion of construction of the well pad, commencement of drilling, cessation of drilling, completion of any other permitted well work, and completion of the well. Such notice shall be provided by sending an email to [DEPOOGNotify@wv.gov](mailto:DEPOOGNotify@wv.gov).

12/03/2021

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

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: 13,710' ✓

11) Proposed Horizontal Leg Length: 5,016' ✓

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

13) Method to Determine Fresh Water Depths: Drillers log from offset wells / Rel Well 47-061-01801 ✓

14) Approximate Saltwater Depths: 2,410' ✓

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

16) Approximate Depth to Possible Void (coal mine, karst, other): NA RECEIVED Office of Oil and Gas

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes \_\_\_\_\_ No X **OCT 29 2021**  
WV Department of Environmental Protection

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



WW-6B  
(04/15)

4708101895  
API NO. 47-061 -  
OPERATOR WELL NO. 10H  
Well Pad Name: Yost

18) CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	24"	New	NA	94.71	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	13,710'	13,680' ✓	3,101
Tubing	2-7/8"	New	P-110	6.5	NA	8,500' ✓	NA
Liners							

*Byron Harris*  
10-25-21

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"	.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:					RECEIVED Office of Oil and Gas <b>OCT 29 2021</b>
Sizes:					WV Department of Environmental Protection
Depths Set:					

WW-6B  
(10/14)

API NO. 47- 061 - \_\_\_\_\_  
OPERATOR WELL NO. 10H \_\_\_\_\_  
Well Pad Name: Yost \_\_\_\_\_

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

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

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23) Describe centralizer placement for each casing string:

WV Department of  
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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.

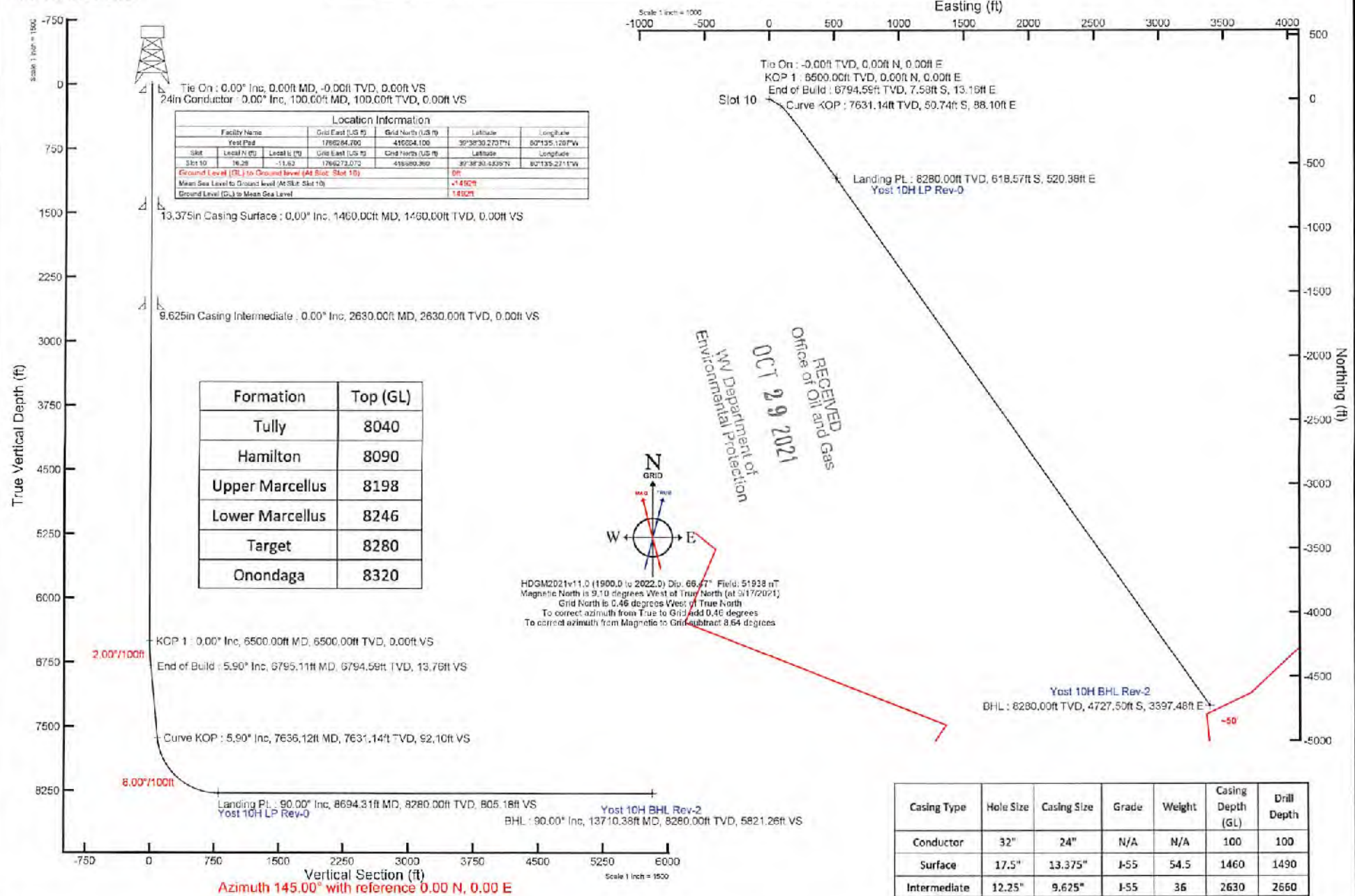
\*Note: Attach additional sheets as needed.



# NORTHEAST NATURAL ENERGY, LLC

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

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

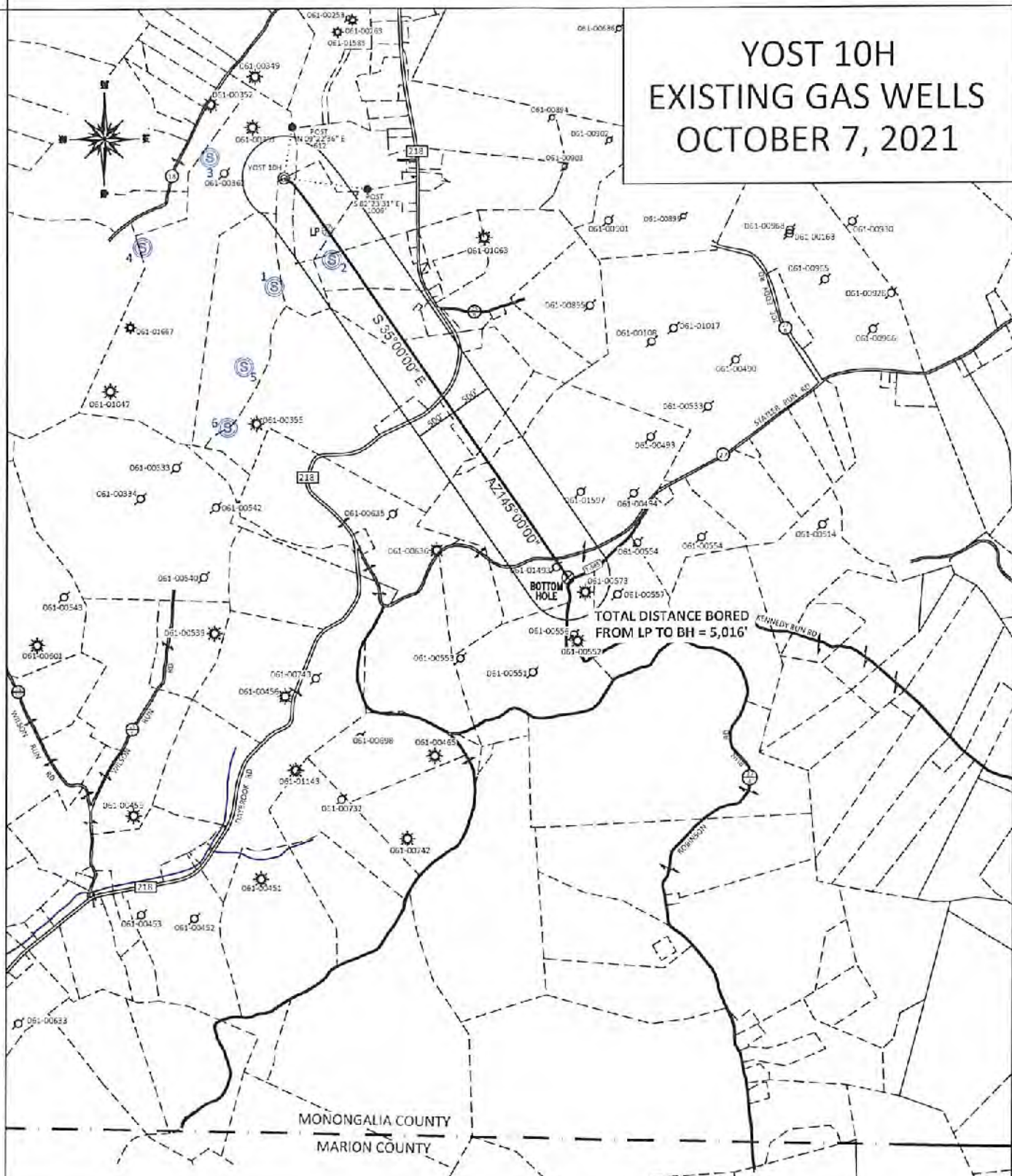


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Casing Type	Hole Size	Casing Size	Grade	Weight	Casing Depth (GL)	Drill Depth
Conductor	32"	24"	N/A	N/A	100	100
Surface	17.5"	13.375"	J-55	54.5	1460	1490
Intermediate	12.25"	9.625"	J-55	36	2630	2660



# YOST 10H EXISTING GAS WELLS OCTOBER 7, 2021



TOTAL DISTANCE BORED FROM LP TO BH = 5,016'

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4703101805

## YOST 10H AREA OF REVIEW

API Number	Well Name	Well Number	Operator	Latitude (NAD 83)	Longitude (NAD 83)	TMP	TVD	Comments
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

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## Northeast Natural Energy LLC Mine Contingency Plan

On all wells drilled, Northeast Natural Energy LLC ("NNE") has contingency strategies in place should an unanticipated void or mine be encountered while drilling the surface section of the well. If encountered, any accumulated gases will be diverted a safe distance away from the drilling operations through the blowby line and/or flare.

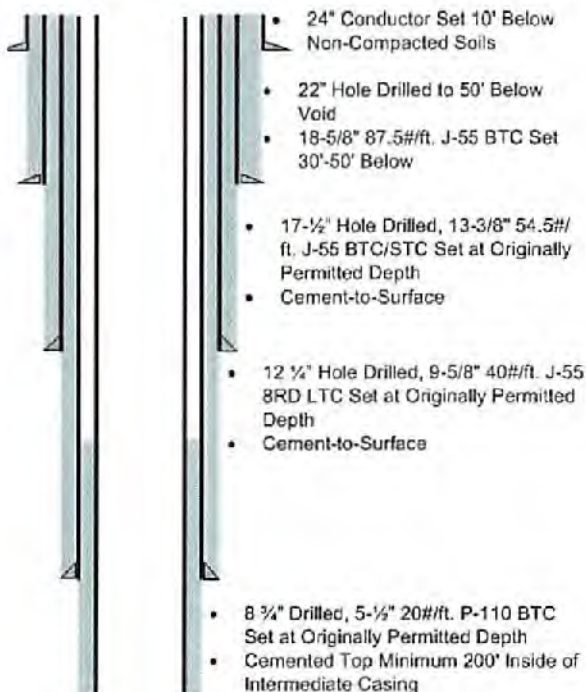
All casing programs submitted to the state incorporate the use of a 24" conductor over the previously used 20" that has long been the industry standard for a typical Marcellus design. The use of 24" conductor casing allows the use of a 22" bit to ream the surface hole, and drill 50' below the void to run a string of 18-5/8" 87.50#/ft J-55 through the section when needed.

The 18-5/8" would be set 30-50' below the void with cement baskets placed directly above and below. The section of pipe below the void would be cemented using the balance method with 100% excess. The section above the void would be cemented separately by using remedial top fill techniques and 30% excess.

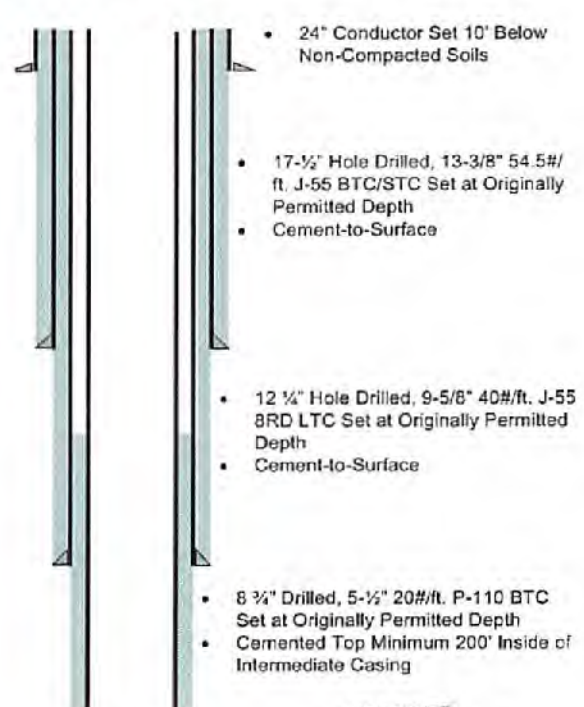
With the use of these string sizes and techniques, the surface and intermediate strings do not need to be altered. After a proper WOC time, the surface section of the well would continue to be drilled with a 17-1/2" bit and the 13-3/8" 54.50#/ft freshwater casing would be set at the originally permitted depth.

*\*The diagram below visually shows the alternative casing plan should an unanticipated void be encountered.*

**Casing Schematic w/ Mine String**



**Casing Schematic w/o Mine String**



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11/11 - IC

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WW-9  
(4/16)

API Number 47 - \_\_\_\_\_ - \_\_\_\_\_  
Operator's Well No. Yost 10H

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Northeast Natural Energy LLC OP Code 494498281

Watershed (HUC 10) Dunkard Creek Quadrangle Blacksville

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes  No

Will a pit be used? Yes  No

If so, please describe anticipated pit waste: NA

Will a synthetic liner be used in the pit? Yes  No  If so, what ml.? NA

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection ( UIC Permit Number \_\_\_\_\_ )
- Reuse (at API Number unknown at this time, TBD )
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

Will closed loop system be used? If so, describe: Yes, Please See Attachment "A"

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Vertical - Air/ Curve & Horizontal - Oil Based

-If oil based, what type? Synthetic, petroleum, etc. Synthetic Oil Based Mud

Additives to be used in drilling medium? Organophilic Clay Viscosifiers, Lime, Unsaturated Fatty Acids, CaCl, Bante, Emulsifiers, Mica LCM, Water Loss Agents

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Removed Offsite - Please See Attachment "A"

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) \_\_\_\_\_

-Landfill or offsite name/permit number? Please See Attachment "A"

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Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.


Company Official Signature Hollie Medley  
Company Official (Typed Name) Hollie Medley  
Company Official Title Regulatory Manager

Subscribed and sworn before me this 14th day of October, 2021, 20

Kristen Brooks  
Aug. 10, 2023

My commission expires \_\_\_\_\_

OFFICIAL SEAL  
NOTARY PUBLIC  
STATE OF WEST VIRGINIA  
Kristen Brooks  
Northeast Natural Energy LLC  
48 Donley St., Suite 601  
Morgantown, WV 26501  
My Commission Expires Aug. 10, 2023



12/03/2021



Northeast Natural Energy LLC

Proposed Revegetation Treatment: Acres Disturbed 2.58 Prevegetation pH 5-7

Lime 2 Tons/acre or to correct to pH 7

Fertilizer type 19-19-19

Fertilizer amount 300 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard Grass	46	Orchard Grass	46
Red Clover	8	Red Clover	8
Tetraploi Perennial Rye	16	Tetraploid Perennial Rye	16
Timothy 15 Annual Rye 15		Timothy 15 Annual Rye	15

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, include dimensions (L x W x D) of the pit, and dimensions (L x W), and area in acreage, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Bryan Harris

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Title: Inspector

Date: 10-25-21

Field Reviewed? (  ) Yes (  ) No

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## Attachment A to WW-9

Northeast Natural Energy LLC (“NNE”) plans to utilize a closed loop process for its drilling of the well. Return flow from the well will be separated into its liquid and solid form. Liquids will be held in steel tanks and reused in the drilling and completion process or disposed of at an approved facility listed below. Solids removed from the stream will be diverted to steel half-round tanks where they will be solidified on site and taken to disposal as they are accumulated.

The Drill Cuttings will be taken to disposal at one or more of the following disposal/approved waste facilities, unless listed facilities are no longer approved to accept waste at time of disposal:

- Westmoreland Landfill (Tervita) – Belle Vernon, PA (Permit # 100277)
- Meadowfill Landfill (Waste Management) – Bridgeport, WV (Permit # SWF 103298)
- Max Environmental – Yukon, PA (PAD004835146 and 301071)
- Max Environmental – Bulger, PA (PAD059087072 and 301359)
- Chestnut Valley Landfill (Advanced Disposal) – Export, PA (Permit # 101421)

NNE plans to reuse and recycle all flowback fluid and/or reach out to other operators in the area who may be able to reuse and recycle such fluid. However, in the event that reuse is not obtainable the fluid will be disposed of at one, or multiple, of the following disposal/approved waste facilities unless listed facilities are no longer approved to accept waste at time of disposal:

- Fairmont Brine Processing (WV NPDES #0116408)
- Green Hunter M. E. Elder 1 Disposal Well (Permit # 47-085-05151)
- Green Hunter Mason 1 Disposal Well (Permit #47-085-09721)
- Green Hunter Warren Disposal Well (Permit #34-121-2-3995)
- Green Hunter Travis Unit Disposal Well (Permit #34-121-2-4086)
- Viking Energy Corporation 20320 Disposal Well (Permit#47-039-02210)
- Ohio Oil Gathering Killbuck Disposal Well (Permit #34-075-24527)
- Ohio Oil Gathering Moran Disposal Well (Permit #34-089-24792)
- Ohio Oil Gathering Bells Run Disposal Well (Permit #34-167-29395)
- Ohio Oil Gathering Long Run Disposal Well (Permit #34-167-29658)
- Ohio Oil Gathering Newell Run Disposal Well (Permit #34-167-29685)
- Appalachian Oil Purchaser Greens Run Disposal Well (Permit #2D0732540)
- Appalachian Oil Purchaser BW#4 Disposal Well (Permit # 2D0732523)

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**northeast**  
NATURAL ENERGY

*Bryan Harris*  
10-25-21

**Yost Pad**  
**Site Safety Plan**

October 2021

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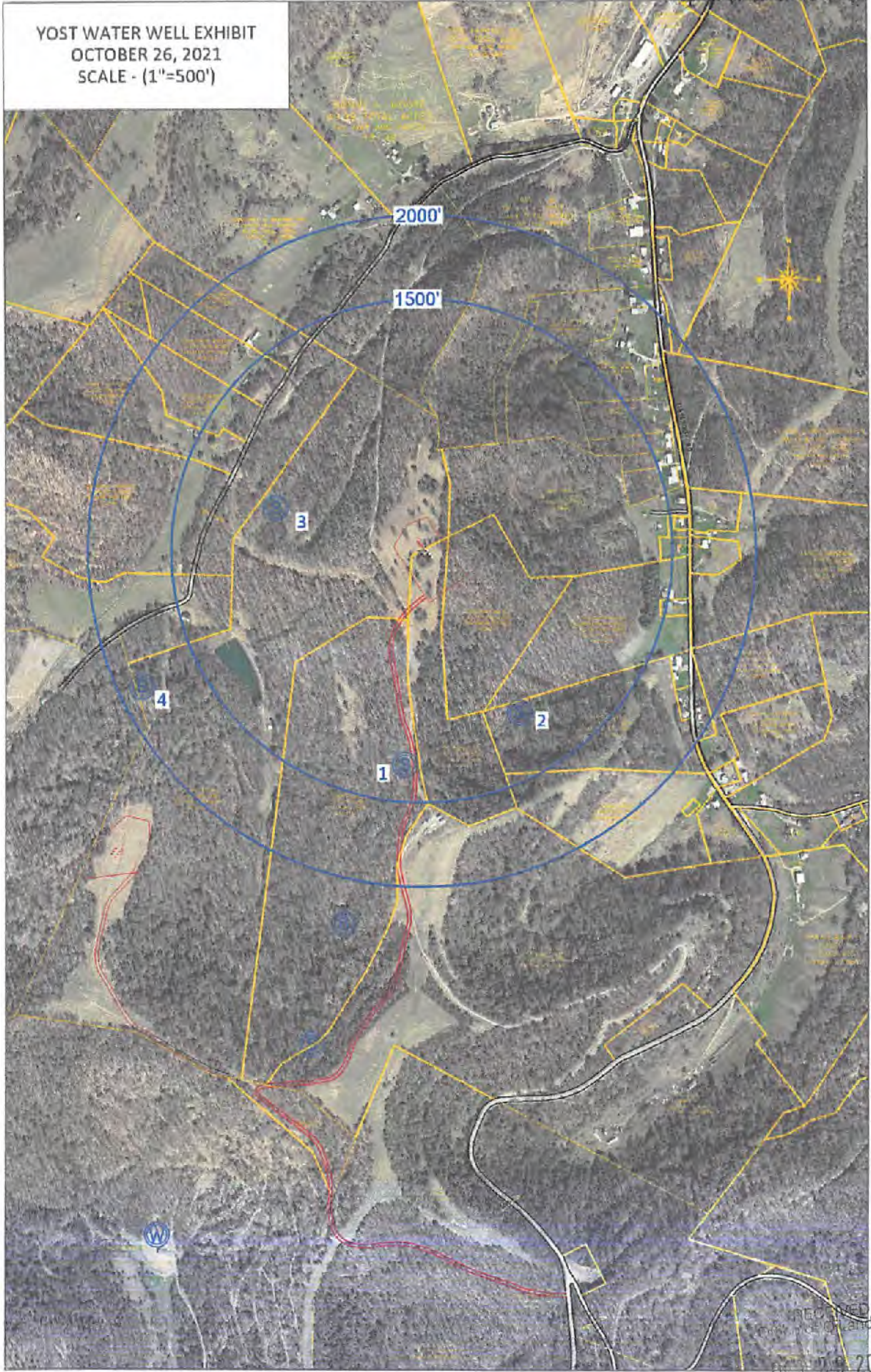
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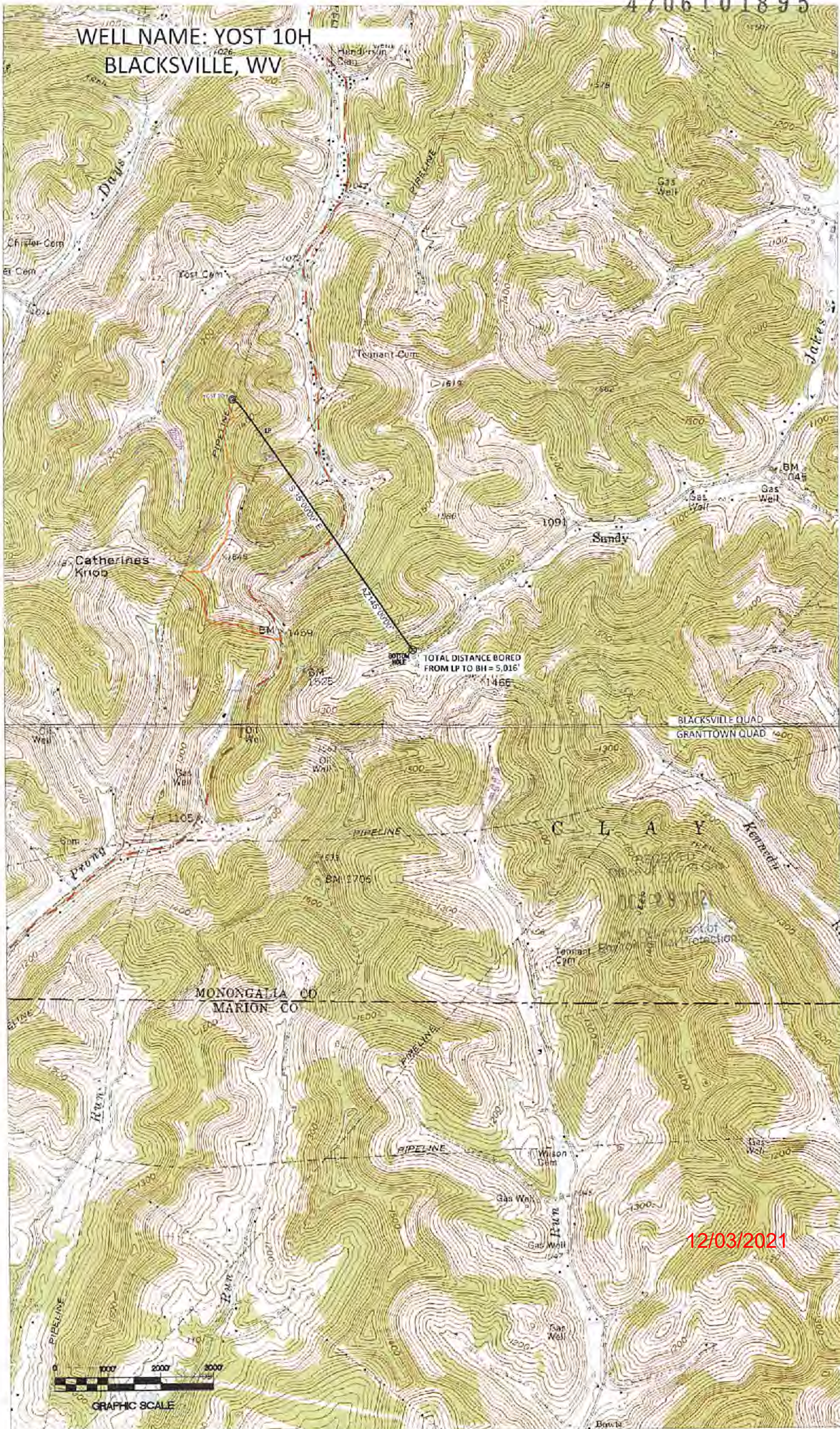
YOST WATER WELL EXHIBIT  
OCTOBER 26, 2021  
SCALE - (1"=500')



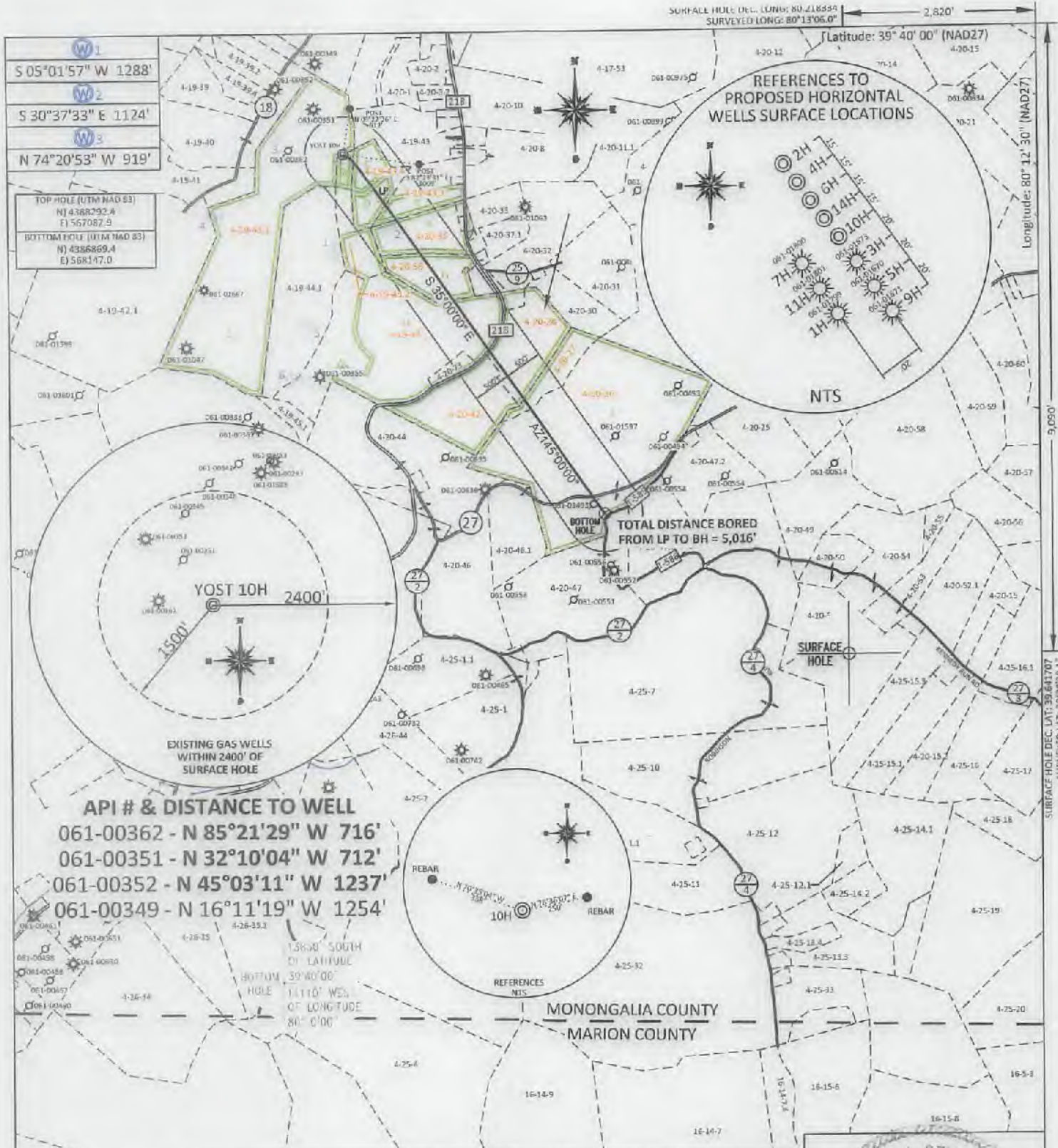
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OCT 29 2021  
12/03/2021



WELL NAME: YOST 10H  
BLACKSVILLE, WV

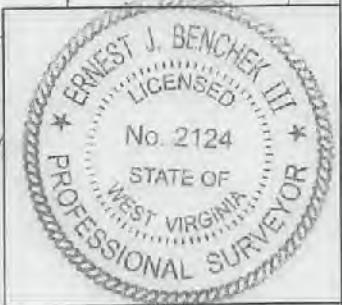






FILE #: NEE14  
 DRAWING #: 3038  
 SCALE: PLAT: 1" = 1800'  
 TICK MARK: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SOURCE OF ELEVATION: SUBMETER MAPPING GRADE GPS

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 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 / CLAY  
 SURFACE OWNER: YOST HERITAGE INC  
 OIL & GAS ROYALTY OWNER:  
 LEASE NUMBERS:

DATE: OCTOBER 7, 2021  
 OPERATOR'S WELL #: YOST 10H  
 API WELL #: 47 61 **01895**  
 STATE COUNTY PERMIT

AS-BUILT ELEVATION: 1,494.93'  
 QUADRANGLE: BLACKSVILLE, WV  
 ACREAGE: 93.08  
 ACREAGE: 799.420 +/- **12/03/2021**

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: 13,710'  
 WELL OPERATOR: NORTHEAST NATURAL ENERGY LLC  
 ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200  
 CITY: CHARLESTON STATE: WV ZIP CODE: 25301  
 DESIGNATED AGENT: JOHN ADAMS  
 ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200  
 CITY: CHARLESTON STATE: WV ZIP CODE: 25301



PROPERTY OWNER INDEX	
4-19-43.1	YOST HERITAGE INC
4-19-43.2	YOST HERITAGE INC
4-19-44	FREDDIE C, LOIS JEAN MCCOY 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)
4-20-35	DAVID R SAXON
4-20-38	JAMES L FOLEY
4-20-28	BRANDEN L NUTTER
4-20-27	BRUCE ARNETT
4-20-42	THOMAS R & NORA M MCCOY

LEASE INDEX			
A	WV-061-001043-002	G	WV-061-005686-001
B	WV-061-003452-000	H	WV-061-000173-065
C	WV-061-003452-000	I	WV-061-000173-065
D	WV-061-000821-000	J	WV-061-002303-006
E	WV-061-003451-001		
F	WV-061-003862-004		

12/03/2021

FILE #: NEE14

DRAWING #: 2979

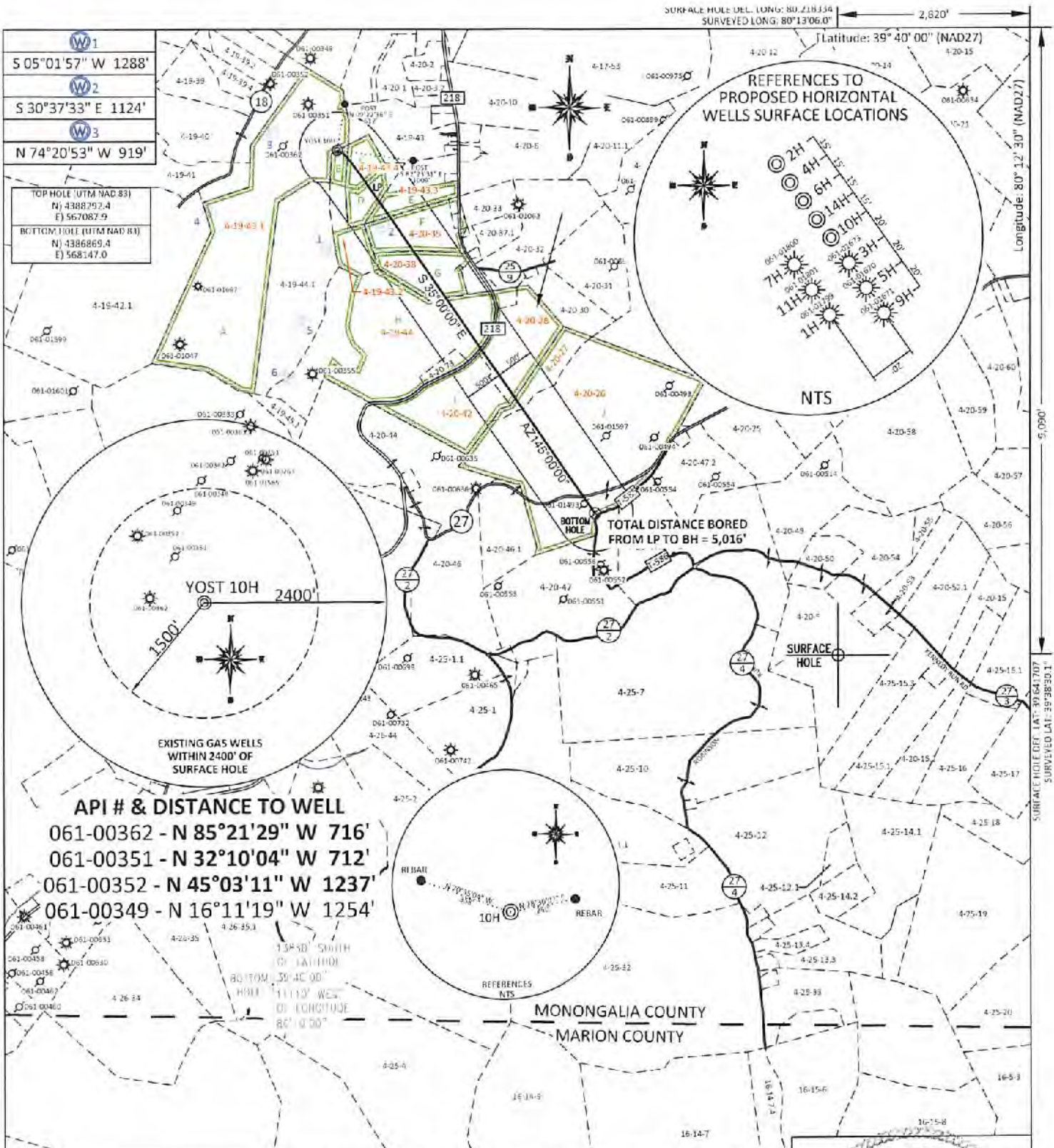
SCALE: N/A

DATE: OCTOBER 7, 2021

OPERATOR'S WELL #: YOST 10H

API WELL #: 47 61 01895  
STATE COUNTY PERMIT

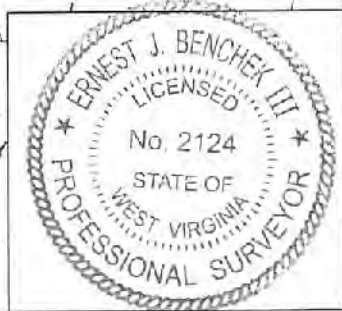




FILE #: NEE14  
 DRAWING #: 3038  
 SCALE: PLAT: 1" = 1800'  
 TICK MARK: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SOURCE SUBMETER MAPPING OF ELEVATION: GRADE GPS

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

Signed: *[Signature]*  
 L.L.S. #2124 Ernest J. Benchek III



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

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

DATE: OCTOBER 7, 2021

OPERATOR'S WELL #: YOST 10H

API WELL #: 47 STATE 61 COUNTY 01895 PERMIT 01895

AS-BUILT ELEVATION: 1,494.93'

QUADRANGLE: BLACKSVILLE, WV

ACREAGE: 93.08 10/03/2021

ACREAGE: 799.420 +/-

ESTIMATED DEPTH: TVD: 8,280' TMD: 13,710'

DESIGNATED AGENT: JOHN ADAMS

ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200

CITY: CHARLESTON STATE: WV ZIP CODE: 25301



PROPERTY OWNER INDEX	
4-19-43.1	YOST HERITAGE INC
4-19-43.2	YOST HERITAGE INC
4-19-44	FREDDIE C, LOIS JEAN MCCOY 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)
4-20-35	DAVID R SAXON
4-20-38	JAMES L FOLEY
4-20-28	BRANDEN L NUTTER
4-20-27	BRUCE ARNETT
4-20-42	THOMAS R & NORA M MCCOY

LEASE INDEX			
A	WV-061-001043-002	G	WV-061-005686-001
B	WV-061-003452-000	H	WV-061-000173-065
C	WV-061-003452-000	I	WV-061-000173-065
D	WV-061-000821-000	J	WV-061-002303-006
E	WV-061-003451-001		
F	WV-061-003862-004		

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12/03/2021

FILE #: NEE14

DRAWING #: 2979

SCALE: N/A

DATE: OCTOBER 7, 2021

OPERATOR'S WELL #: YOST 10H

API WELL #: 47 61 01895  
STATE COUNTY PERMIT



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

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

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

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

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

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

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

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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



WW-6A1

Operators Well No.Yost 10H

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-061-003452-000	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-061-000682-005	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-061-000682-078	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-061-000682-025	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. Swertz	Northeast Natural Energy, LLC	12.5% Royalty or More	1509	759
	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	30
	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
C	WV-061-003452-000	Yost Heritage, Inc.	Northeast Natural Energy, LLC	12.5% Royalty or More	1513	611
D	WV-061-000821-000	Wilma Gem Williams	Northeast Natural Energy, LLC	12.5% Royalty or More	1575	236
E	WV-061-003451-001	Deborah Ann William Delany	Northeast Natural Energy, LLC	12.5% Royalty or More	1513	285
	WV-061-005576-059	Andrea Armstrong	Northeast Natural Energy, LLC	12.5% Royalty or More	1686	141
	WV-061-005576-110	Ruby Eugenia Ault	Northeast Natural Energy, LLC	12.5% Royalty or More	1704	644
	WV-061-005576-058	Angela M. Berry Doerrill	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-061-005576-050	Tricia Savankham	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. Spitznogle 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-061-005576-087	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
	WV-061-005576-098	Joni Katon	Northeast Natural Energy, LLC	12.5% Royalty or More	1697	758

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Tract	Lease Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book	Page
	WV-061-005576-081	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. Wallis McMahon	Northeast Natural Energy, LLC	12.5% Royalty or More	1687	596
	WV-061-005576-040	Linda 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	Edna 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 Rohozen	Northeast Natural Energy, LLC	12.5% Royalty or More	1683	570
	WV-061-005576-112	Bernard Eugene Shipman	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 Simpson	Northeast Natural Energy, LLC	12.5% Royalty or More	1679	385
	WV-061-005576-107	Donnie E. Simpson	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-061-005576-085	Clarence Willard Sine	Northeast Natural Energy, LLC	12.5% Royalty or More	1692	239
	WV-061-005576-087	Donald R. Sine	Northeast Natural Energy, LLC	12.5% Royalty or More	1692	241
	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 L. Tennant Stalter	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	1692	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	Lori 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	Meinda 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-061-005576-003	Marsha Catherine Wilson	Northeast Natural Energy, LLC	12.5% Royalty or More	1675	221
	WV-061-005576-089	Theodore W. Wilson	Northeast Natural Energy, LLC	12.5% Royalty or More	1692	209
F	WV-061-003862-004	Stephanie Evans	Northeast Natural Energy, LLC	12.5% Royalty or More	1560	832
G	WV-061-005686-001	Patricia D. Foley	Northeast Natural Energy, LLC	12.5% Royalty or More	1721	437
H	WV-061-000173-065	Thomas Sollars	Northeast Natural Energy, LLC	12.5% Royalty or More	1683	530
	WV-061-000173-058	Tammarra 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	Maryjean Herrmann	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	Lea Linda Mendiola	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	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

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Tract	Lease Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book	Page
	WV-061-000173-004	Judith An 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
	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-061-000173-086	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
I	WV-061-000173-065	Thomas Sollars	Northeast Natural Energy, LLC	12.5% Royalty or More	1683	530
	WV-061-004283-002	Alan Howard	Northeast Natural Energy, LLC	12.5% Royalty or More	1591	140
	WV-061-004283-005	Mark Howard	Northeast Natural Energy, LLC	12.5% Royalty or More	1591	161
	WV-061-004283-003	Brad Howard	Northeast Natural Energy, LLC	12.5% Royalty or More	1591	157
	WV-061-004283-004	Brian Howard	Northeast Natural Energy, LLC	12.5% Royalty or More	1591	159
	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	Rodana D. German	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 Mendiola	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	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 An 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
	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-061-000173-019	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
J	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. Kuchte	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	271
	WV-061-002303-074	Joan Patty Eddy Tharp	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	Lella 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-061-002303-026	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

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 Mr. Perry  
 303-261-2004



Tract	Lease Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book	Page
	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	Beulah 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	1686	99
	WV-061-002303-021	Kenneth LePage	Northeast Natural Energy, LLC	12.5% Royalty or More	1615	747
	WV-061-002303-002	MM-Marcellus II, LP	Northeast Natural Energy, LLC	12.5% Royalty or More	1684	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	Marilesa 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-061-003203-082	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-061-002303-060	Gary W. Tennant	Northeast Natural Energy, LLC	12.5% Royalty or More	1622	483

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4706101895



October 15, 2021

WV Department of Environmental Protection  
Office of Oil and Gas Management  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304

RE: Yost 2H, 4H, 6H, 10H, 14H

Dear Permit Reviewer:

Please be advised that Northeast Natural Energy LLC has the right to drill, extract and produce the minerals beneath Route 218, Route 27, and Route 25/9 as identified on the included plat.

Sincerely,

*Charles Dornetto*

Charles Dornetto  
Manager – Land Operations

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**STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
NOTICE CERTIFICATION**

Date of Notice Certification: 10/21/2021

API No. 47- \_\_\_\_\_  
Operator's Well No. 19H  
Well Pad Name: Yost

**Notice has been given:**

Pursuant to the provisions in West Virginia Code § 22-6A, the Operator has provided the required parties with the Notice Forms listed below for the tract of land as follows:

State:	<u>West Virginia</u>	UTM NAD 83	Easting:	<u>567087.9</u>
County:	<u>Monongalia</u>		Northing:	<u>4380292.4</u>
District:	<u>Clay</u>	Public Road Access:	<u>Daybrook Rd/218</u>	
Quadrangle:	<u>Blacksville, WV</u>	Generally used farm name:	<u>Yost</u>	
Watershed:	<u>Dunkard Creek</u>			

Pursuant to West Virginia Code § 22-6A-7(b), every permit application filed under this section shall be on a form as may be prescribed by the secretary, shall be verified and shall contain the following information: (14) A certification from the operator that (i) it has provided the owners of the surface described in subdivisions (1), (2) and (4), subsection (b), section ten of this article, the information required by subsections (b) and (c), section sixteen of this article; (ii) that the requirement was deemed satisfied as a result of giving the surface owner notice of entry to survey pursuant to subsection (a), section ten of this article six-a; or (iii) the notice requirements of subsection (b), section sixteen of this article were waived in writing by the surface owner; and Pursuant to West Virginia Code § 22-6A-11(b), the applicant shall tender proof of and certify to the secretary that the notice requirements of section ten of this article have been completed by the applicant.

<p>Pursuant to West Virginia Code § 22-6A, the Operator has attached proof to this Notice Certification that the Operator has properly served the required parties with the following:</p> <p>*PLEASE CHECK ALL THAT APPLY</p> <p><input type="checkbox"/> 1. NOTICE OF SEISMIC ACTIVITY or <input checked="" type="checkbox"/> NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED</p> <p><input checked="" type="checkbox"/> 2. NOTICE OF ENTRY FOR PLAT SURVEY or <input type="checkbox"/> NO PLAT SURVEY WAS CONDUCTED</p> <p><input checked="" type="checkbox"/> 3. NOTICE OF INTENT TO DRILL or <input type="checkbox"/> NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or</p> <p style="padding-left: 100px;"><input type="checkbox"/> WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH)</p> <p><input checked="" type="checkbox"/> 4. NOTICE OF PLANNED OPERATION</p> <p><input checked="" type="checkbox"/> 5. PUBLIC NOTICE</p> <p><input checked="" type="checkbox"/> 6. NOTICE OF APPLICATION</p>	<p><b>OOG OFFICE USE ONLY</b></p> <p><input type="checkbox"/> RECEIVED/ NOT REQUIRED</p> <p><input type="checkbox"/> RECEIVED</p> <p><input type="checkbox"/> RECEIVED/ NOT REQUIRED</p> <p><input type="checkbox"/> RECEIVED</p> <p><input type="checkbox"/> RECEIVED</p> <p><input type="checkbox"/> RECEIVED</p>
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**Required Attachments:**

The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication date verification or the associated Affidavit of Publication. The attached Notice Forms and Certifications of Notice shall serve as proof that the required parties have been notified as required under West Virginia Code § 22-6A. Pursuant to West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavit of personal service, the return receipt card or other postal receipt for certified mailing.

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WV DEPARTMENT OF ENVIRONMENTAL PROTECTION  
12/03/2021



WW-6AC  
(1/12)

**Certification of Notice is hereby given:**

THEREFORE, I Hollie Medley, have read and understand the notice requirements within West Virginia Code § 22-6A. I certify that as required under West Virginia Code § 22-6A, I have served the attached copies of the Notice Forms, identified above, to the required parties through personal service, by registered mail or by any method of delivery that requires a receipt or signature confirmation. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this Notice Certification and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. *Hollie Medley*

Well Operator: Northeast Natural Energy, LLC

Address: 707 Virginia St. E., Suite 1200

By: Hollie Medley

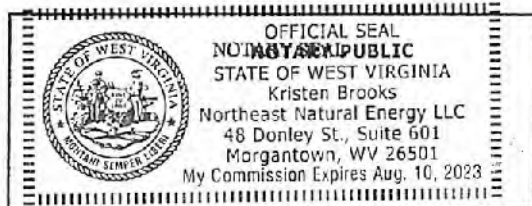
Charleston, WV 25301

Its: Regulatory Manager

Facsimile: 304-241-5972

Telephone: 304-414-7080

Email: hmedley@nne-llc.com



Subscribed and sworn before me this 21<sup>st</sup> day of October 2021

Kristen Brooks Notary Public

My Commission Expires Aug. 10, 2023

**Oil and Gas Privacy Notice:**

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

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Environmental Protection

12/03/2021

**STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
NOTICE OF APPLICATION**

**Notice Time Requirement:** notice shall be provided no later than the **filing date of permit application.**

**Date of Notice:** 10/14/2021 **Date Permit Application Filed:** 10/24/2021

Notice of:

- PERMIT FOR ANY WELL WORK
- CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

**Delivery method pursuant to West Virginia Code § 22-6A-10(b)**

- PERSONAL SERVICE
- REGISTERED MAIL
- METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Application Notice  WSSP Notice  E&S Plan Notice  Well Plat Notice is hereby provided to:

SURFACE OWNER(s)

Name: See attached

Address: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

SURFACE OWNER(s) (Road and/or Other Disturbance)

Name: See attached

Address: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

SURFACE OWNER(s) (Impoundments or Pits)

Name: \_\_\_\_\_

Address: \_\_\_\_\_

COAL OWNER OR LESSEE

Name: See attached

Address: \_\_\_\_\_

COAL OPERATOR

Name: \_\_\_\_\_

Address: \_\_\_\_\_

SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)

Name: See attached

Address: \_\_\_\_\_

OPERATOR OF ANY NATURAL GAS STORAGE FIELD

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\*Please attach additional forms if necessary

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WV Department of  
Environmental Protection  
12/03/2021



**Notice is hereby given:**

Pursuant to West Virginia Code § 22-6A-10(b), notice is hereby given that the undersigned well operator has applied for a permit for well work or for a certificate of approval for the construction of an impoundment or pit.

**This Notice Shall Include:**

Pursuant to W. Va. Code § 22-6A-10(b), this notice shall include: (1) copies of the application; (2) the erosion and sediment control plan required by section seven of this article; and (3) the well plat.

Pursuant to W. Va. Code § 22-6A-10(f), this notice shall include: (1) a statement of the time limits for filing written comments; (2) who may file written comments; (3) the name and address of the secretary for the purpose of filing the comments and obtaining additional information; and (4) a statement that the persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

Pursuant to W. Va. Code R. § 35-8-5.7.a, the operator shall provide the Well Site Safety Plan to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Pursuant to W. Va. Code R. § 35-8-15.2.c, this notice shall: (1) contain a statement of the surface owner's and water purveyor's right to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination or deprivation of a fresh water source or supply; advise the surface owner and water purveyor that refusal to allow the operator to conduct a pre-drilling water well test constitutes a method to rebut the presumption of liability; (3) advise the surface owner and water purveyor of his or her independent right to sample and analyze any water supply at his or her own expense; advise the surface owner and water purveyor whether or not the operator will utilize an independent laboratory to analyze any sample; and (4) advise the surface owner and water purveyor that he or she can obtain from the Chief a list of water testing laboratories in the subject area capable of and qualified to test water supplies in accordance with standard acceptable methods.

Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57<sup>th</sup> Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting [www.dep.wv.gov/oil-and-gas/pages/default.aspx](http://www.dep.wv.gov/oil-and-gas/pages/default.aspx).

**Well Location Restrictions**

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any existing water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section. (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 31, 2012, report to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require alteration to address the items



examined in the study required by this subsection, the secretary shall have the authority to propose for promulgation legislative rules establishing guidelines and procedures regarding reasonable levels of noise, light, dust and volatile organic compounds relating to drilling horizontal wells, including reasonable means of mitigating such factors, if necessary.

**Water Well Testing:**

Pursuant to West Virginia Code § 22-6A-10(d), notification shall be made, with respect to surface landowners identified in subsection (b) or water purveyors identified in subdivision (5), subsection (b) of this section, of the opportunity for testing their water well. The operator shall provide an analysis to such surface landowner or water purveyor at their request.

**Water Testing Laboratories:**

Pursuant to West Virginia Code § 22-6A-10(i), persons entitled to notice pursuant to subsection (b) of this section may contact the department to ascertain the names and locations of water testing laboratories in the subject area capable and qualified to test water supplies in accordance with standard accepted methods. In compiling that list of names the department shall consult with the state Bureau for Public Health and local health departments. A surface owner and water purveyor has an independent right to sample and analyze any water supply at his or her own expense. The laboratory utilized by the operator shall be approved by the agency as being certified and capable of performing sample analyses in accordance with this section.

**Rebuttable Presumption for Contamination or Deprivation of a Fresh Water Source or Supply:**

W. Va. Code § 22-6A-18 requires that (b) unless rebutted by one of the defenses established in subsection (c) of this section, in any action for contamination or deprivation of a fresh water source or supply within one thousand five hundred feet of the center of the well pad for horizontal well, there is a rebuttable presumption that the drilling and the oil or gas well or either was the proximate cause of the contamination or deprivation of the fresh water source or supply. (c) In order to rebut the presumption of liability established in subsection (b) of this section, the operator must prove by a preponderance of the evidence one of the following defenses: (1) The pollution existed prior to the drilling or alteration activity as determined by a predrilling or prealteration water well test. (2) The landowner or water purveyor refused to allow the operator access to the property to conduct a predrilling or prealteration water well test. (3) The water supply is not within one thousand five hundred feet of the well. (4) The pollution occurred more than six months after completion of drilling or alteration activities. (5) The pollution occurred as the result of some cause other than the drilling or alteration activity. (d) Any operator electing to preserve its defenses under subdivision (1), subsection (c) of this section shall retain the services of an independent certified laboratory to conduct the predrilling or prealteration water well test. A copy of the results of the test shall be submitted to the department and the surface owner or water purveyor in a manner prescribed by the secretary. (e) Any operator shall replace the water supply of an owner of interest in real property who obtains all or part of that owner's supply of water for domestic, agricultural, industrial or other legitimate use from an underground or surface source with a comparable water supply where the secretary determines that the water supply has been affected by contamination, diminution or interruption proximately caused by the oil or gas operation, unless waived in writing by that owner. (f) The secretary may order the operator conducting the oil or gas operation to: (1) Provide an emergency drinking water supply within twenty-four hours; (2) Provide temporary water supply within seventy-two hours; (3) Within thirty days begin activities to establish a permanent water supply or submit a proposal to the secretary outlining the measures and timetables to be used in establishing a permanent supply. The total time in providing a permanent water supply may not exceed two years. If the operator demonstrates that providing a permanent replacement water supply cannot be completed within two years, the secretary may extend the time frame on case-by-case basis; and (4) Pay all reasonable costs incurred by the real property owner in securing a water supply. (g) A person as described in subsection (b) of this section aggrieved under the provisions of subsections (b), (e) or (f) of this section may seek relief in court... (i) Notwithstanding the denial of the operator of responsibility for the damage to the real property owner's water supply or the status of any appeal on determination of liability for the damage to the real property owner's water supply, the operator may not discontinue providing the required water service until authorized to do so by the secretary or a court of competent jurisdiction.

**Written Comment:**

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written comments as to the location or construction of the applicant's proposed well work to the Secretary at:

Chief, Office of Oil and Gas  
Department of Environmental Protection  
601 57<sup>th</sup> St. SE  
Charleston, WV 25304  
(304) 926-0450

Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water. **NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.**

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**Time Limits and Methods for Filing Comments.**

The law requires these materials to be served on or before the date the operator files its Application. You have **THIRTY (30) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Pursuant to West Virginia Code § 22-6A-11(c)(2), Any objections of the affected coal operators and coal seam owners and lessees shall be addressed through the processes and procedures that exist under sections fifteen, seventeen and forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article. The written comments filed by the parties entitled to notice under subdivisions (1), (2), (4), (5) and (6), subsection (b), section ten of this article shall be considered by the secretary in the permit issuance process, but the parties are not entitled to participate in the processes and proceedings that exist under sections fifteen, seventeen or forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article.

**Comment Requirements**

Your comments must be in writing and include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Disclaimer: All comments received will be placed on our web site <http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx> and the applicant will automatically be forwarded an email notice that such comments have been submitted. The applicant will be expected to provide a response to comments submitted by any surface owner, water purveyor or natural gas storage operator noticed within the application.

**Permit Denial or Condition**

The Chief has the power to deny or condition a well work permit. Pursuant to West Virginia Code § 22-6A-8(d), the permit may not be issued or be conditioned, including conditions with respect to the location of the well and access roads prior to issuance if the director determines that:

- (1) The proposed well work will constitute a hazard to the safety of persons;
- (2) The plan for soil erosion and sediment control is not adequate or effective;
- (3) Damage would occur to publicly owned lands or resources; or
- (4) The proposed well work fails to protect fresh water sources or supplies.

A permit may also be denied under West Virginia Code § 22-6A-7(k), the secretary shall deny the issuance of a permit if the secretary determines that the applicant has committed a substantial violation of a previously issued permit for a horizontal well, including the applicable erosion and sediment control plan associated with the previously issued permit, or a substantial violation of one or more of the rules promulgated under this article, and in each instance has failed to abate or seek review of the violation within the time prescribed by the secretary pursuant to the provisions of subdivisions (1) and (2), subsection (a), section five of this article and the rules promulgated hereunder, which time may not be unreasonable.

Pursuant to West Virginia Code § 22-6A-10(g), any person entitled to submit written comments to the secretary pursuant to subsection (a), section eleven of this article, shall also be entitled to receive from the secretary a copy of the permit as issued or a copy of the order modifying or denying the permit if the person requests receipt of them as a part of the written comments submitted concerning the permit application. Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

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WW-6A  
(8-13)

API NO. 47- \_\_\_\_\_  
OPERATOR WELL NO. 10H  
Well Pad Name: Yost

**Notice is hereby given by:**

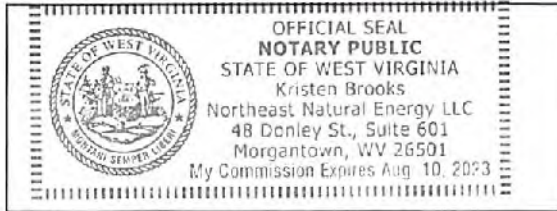
Well Operator: Northeast Natural Energy, LLC  
Telephone: 304-414-7060  
Email: hmedley@nne-llc.com

Address: 707 Virginia St. E., Suite 1200  
Charleston, WV 25301  
Facsimile: 304-241-5972

**Oil and Gas Privacy Notice:**

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at [deprivacyofficer@wv.gov](mailto:deprivacyofficer@wv.gov).

*Helli Medley*



Subscribed and sworn before me this 14<sup>th</sup> day of October, 2021

Kristen Brooks Notary Public

My Commission Expires Aug. 10, 2023

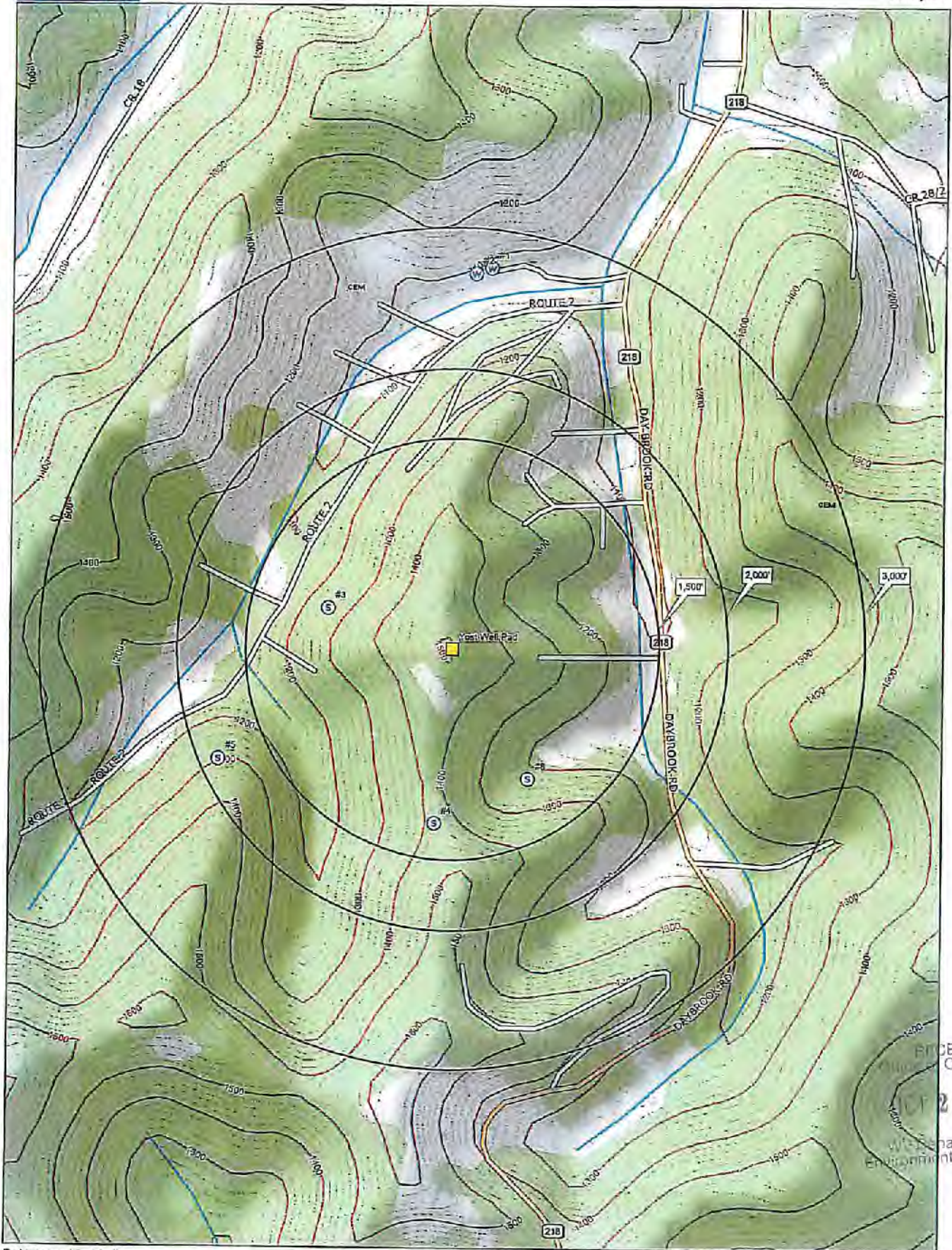
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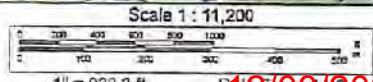
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 29 2021  
 Department of  
 Environmental Protection

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 www.delorme.com



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Surface Owner

Yost Heritage Inc. ✓  
 2656 Daybrook Rd.  
 Fairview, WV 26570

Surface Owner (Road and/or Other Disturbance)

Rocky and Cathy J. Barr ✓  
 167 Wilson Run Rd.  
 Fairview, WV 26570

Gary D. Yost ✓  
 2520 Daybrook Rd.  
 Fairview, WV 26570

Lois Jean McCoy ✓  
 205 Blue Goose Road  
 Fairview, WV 26570

Stephen R. Wilson ✓  
 3593 Loomis Ridge Road  
 Parkersburg, WV 26104

Susan L. Rockwell ✓  
 6440 Mason-Dixon Highway  
 Blacksville, WV 26521

Timothy H. Wilson ✓  
 39 Ted Wilson Drive  
 Core, WV 26541

Sandy Moore ✓  
 2677 Mason-Dixon Highway  
 Core, WV 26541

4 Brothers LLC ✓  
 153 Blue Goose Rd.  
 Fairview, WV 26570

Coal Owner or Lessee

CONSOL Mining Company LLC ✓  
 Engineering and Operations Support – Coal  
 1000 Consol Energy Drive  
 Canonsburg, PA 15317

Murray Energy Corporation ✓  
 Coal-Oil and Gas Relations Manager  
 46226 National Road  
 St. Clairsville, OH 43950

Surface Owner of Water Well and/or Water Purveyor(s)

Yost Heritage Inc. ✓  
 2656 Daybrook Rd.  
 Fairview, WV 26570

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WW-6A3  
(1/12)

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**NOTICE OF ENTRY FOR PLAT SURVEY**

**Notice Time Requirement:** Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

**Date of Notice:** 4/30/2021      **Date of Planned Entry:** 5/7/2021

**Delivery method pursuant to West Virginia Code § 22-6A-10a**

- PERSONAL SERVICE       REGISTERED MAIL       METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

**Notice is hereby provided to:**

SURFACE OWNER(s)

Name: 4 Brothers, LLC ✓  
 Address: 153 Blue Goose Rd  
Fairview, WV 26570

Name: \_\_\_\_\_  
 Address: \_\_\_\_\_

Name: \_\_\_\_\_  
 Address: \_\_\_\_\_

COAL OWNER OR LESSEE

Name: \_\_\_\_\_  
 Address: \_\_\_\_\_

MINERAL OWNER(s)

Name: \_\_\_\_\_  
 Address: \_\_\_\_\_

\*please attach additional forms if necessary

**Notice is hereby given:**

Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	<u>West Virginia</u>	Approx. Latitude & Longitude:	<u>0567085.7; 4388263.9 (UTM NAD 83)</u>
County:	<u>Monongalia</u>	Public Road Access:	<u>State Route 218 (Daybrook Road)</u>
District:	<u>Clay</u>	Watershed:	<u>Dunkard Creek</u>
Quadrangle:	<u>Blacksville 7.5'</u>	Generally used farm name:	<u>Yost</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57<sup>th</sup> Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting [www.dep.wv.gov/oil-and-gas/pages/default.aspx](http://www.dep.wv.gov/oil-and-gas/pages/default.aspx).

**Notice is hereby given by:**

Well Operator: Northeast Natural Energy LLC  
 Telephone: 304.414.7060  
 Email: hmedlay@nne-llc.com

Address: 707 Virginia Street East, Suite 1200  
Charleston, WV 25301  
 Facsimile: 304.414.7061

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**Oil and Gas Privacy Notice:**

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

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**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**NOTICE OF ENTRY FOR PLAT SURVEY**

**Notice Time Requirement:** Notice shall be provided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to entry

**Date of Notice:** 4/30/2021      **Date of Planned Entry:** 5/7/2021

**Delivery method pursuant to West Virginia Code § 22-6A-10a**

- PERSONAL SERVICE     
 REGISTERED MAIL     
 METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

**Notice is hereby provided to:**

SURFACE OWNER(s)

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

COAL OWNER OR LESSEE

Name: Consol Mining Company LLC  
Address: 1000 Consol Energy Drive  
Canonsburg, PA 15317

MINERAL OWNER(s)

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

\*please attach additional forms if necessary

**Notice is hereby given:**

Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>0557095.7; 4388263.9 (UTM NAD 83)</u>
County: <u>Menongalia</u>	Public Road Access: <u>State Route 218 (Daybrook Road)</u>
District: <u>Clay</u>	Watershed: <u>Dunkard Creek</u>
Quadrangle: <u>Blacksville 7.5'</u>	Generally used farm name: <u>Yest</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57<sup>th</sup> Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting [www.dep.wv.gov/oil-and-gas/pages/default.aspx](http://www.dep.wv.gov/oil-and-gas/pages/default.aspx).

**Notice is hereby given by:**

Well Operator: Northeast Natural Energy LLC  
Telephone: 304.414.7060  
Email: hmadley@nne-llc.com

Address: 707 Virginia Street East, Suite 1200  
Charleston, WV 25301  
Facsimile: 304.414.7061

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**12/03/2021**



STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
NOTICE OF ENTRY FOR PLAT SURVEY

**Notice Time Requirement:** Notice shall be provided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to entry

**Date of Notice:** 4/30/2021      **Date of Planned Entry:** 5/7/2021

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
- REGISTERED MAIL
- METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)

Name: \_\_\_\_\_  
Address: \_\_\_\_\_

Name: \_\_\_\_\_  
Address: \_\_\_\_\_

Name: \_\_\_\_\_  
Address: \_\_\_\_\_

COAL OWNER OR LESSEE

Name: \_\_\_\_\_  
Address: \_\_\_\_\_

MINERAL OWNER(s)

Name: Mabel Cummins  
Address: 3737 Sawgrass Drive  
Titusville, FL 32780

\*please attach additional forms if necessary

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>0567095.7; 4388263.9 (UTM NAD 83)</u>
County: <u>Monongalia</u>	Public Road Access: <u>State Route 213 (Daybrook Road)</u>
District: <u>Clay</u>	Watershed: <u>Dunkard Creek</u>
Quadrangle: <u>Blacksville 7.5'</u>	Generally used farm name: <u>Yost</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57<sup>th</sup> Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting [www.dep.wv.gov/oil-and-gas/pages/default.aspx](http://www.dep.wv.gov/oil-and-gas/pages/default.aspx).

Notice is hereby given by:

Well Operator: Northeast Natural Energy LLC  
Telephone: 304.414.7060  
Email: hmedley@nne-llc.com

Address: 707 Virginia Street East, Suite 1200  
Charleston, WV 25301  
Facsimile: 304.414.7061

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STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to entry

Date of Notice: 4/30/2021 Date of Planned Entry: 5/7/2021

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
- REGISTERED MAIL
- METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)

Name: Yost Heritage, Inc.

Address: 2656 Daybrook Road  
Fairview, WV 26570

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

COAL OWNER OR LESSEE

Name: \_\_\_\_\_

Address: \_\_\_\_\_

MINERAL OWNER(s)

Name: Yost Heritage, Inc.

Address: 2656 Daybrook Road  
Fairview, WV 26570

\*please attach additional forms if necessary

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>0567095.7; 4368263.9 (UTM NAD 83)</u>
County: <u>Monongalia</u>	Public Road Access: <u>State Route 218 (Daybrook Road)</u>
District: <u>Clay</u>	Watershed: <u>Dunkard Creek</u>
Quadrangle: <u>Blacksville 7.5'</u>	Generally used farm name: <u>Yost</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57<sup>th</sup> Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting [www.dep.wv.gov/oil-and-gas/pages/default.aspx](http://www.dep.wv.gov/oil-and-gas/pages/default.aspx).

Notice is hereby given by:

Well Operator: Northeast Natural Energy LLC

Telephone: 304.414.7060

Email: hmedley@nne-llc.com

Address: 707 Virginia Street East, Suite 1200  
Charleston, WV 25301

Facsimile: 304.414.7061

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Oil and Gas Privacy Notice:

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12/03/2021



STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
NOTICE OF INTENT TO DRILL

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

**Notice Time Requirement:** Notice shall be provided at least TEN (10) days prior to filing a permit application.

**Date of Notice:** 10/14/2021      **Date Permit Application Filed:** 10/24/2021

**Delivery method pursuant to West Virginia Code § 22-6A-16(b)**

HAND DELIVERY       CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided*, That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided, however*, That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

**Notice is hereby provided to the SURFACE OWNER(s):**

Name: See attached  
Address: \_\_\_\_\_  
\_\_\_\_\_

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

**Notice is hereby given:**

Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State:	<u>West Virginia</u>	UTM NAD 83	Easting:	<u>567087.9</u>
County:	<u>Monongalia</u>		Northing:	<u>4388292.4</u>
District:	<u>Clay</u>	Public Road Access:	<u>Daybrook Rd/Rt 218</u>	
Quadrangle:	<u>Blacksville, WV</u>	Generally used farm name:	<u>Yost</u>	
Watershed:	<u>Dunkard Creek</u>			

**This Notice Shall Include:**

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57<sup>th</sup> Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting [www.dep.wv.gov/oil-and-gas/pages/default.aspx](http://www.dep.wv.gov/oil-and-gas/pages/default.aspx).

**Notice is hereby given by:**

Well Operator: Northeast Natural Energy, LLC  
Address: 707 Virginia St. E., Suite 1200  
Charleston, WV 25301  
Telephone: 304-414-7060  
Email: nmedley@nne-llc.com  
Facsimile: 304-241-5972

Authorized Representative: Hollie Medley, Regulatory Manager  
Address: 48 Donley St., Suite 601  
Morgantown, WV 26501  
Telephone: 304-241-0422  
Email: hmedley@nne-llc.com  
Facsimile: 304-241-5972

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Office of Oil and Gas  
OCT 29 2021  
WV Department of  
Environmental Protection

**Oil and Gas Privacy Notice:**

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

6A4

Surface Owner

Yost Heritage Inc. ✓  
2656 Daybrook Rd.  
Fairview, WV 26570

Surface Owner (Road and/or Other Disturbance)

Rocky and Cathy J. Barr ✓  
167 Wilson Run Rd.  
Fairview, WV 26570

Gary D. Yost ✓  
2520 Daybrook Rd.  
Fairview, WV 26570

Lois Jean McCoy ✓  
205 Blue Goose Road  
Fairview, WV 26570

Stephen R. Wilson ✓  
3593 Loomis Ridge Road  
Parkersburg, WV 26104

Susan L. Rockwell ✓  
6440 Mason-Dixon Highway  
Blacksville, WV 26521

Timothy H. Wilson  
39 Ted Wilson Drive  
Core, WV 26541

Sandy Moore  
2677 Mason-Dixon Highway  
Core, WV 26541

4 Brothers LLC  
153 Blue Goose Rd.  
Fairview, WV 26570

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12/03/2021



WW-6A5  
(1/12)

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**NOTICE OF PLANNED OPERATION**

**Notice Time Requirement:** notice shall be provided no later than the filing date of permit application.

**Date of Notice:** 10/14/2021      **Date Permit Application Filed:** 10/24/2021

**Delivery method pursuant to West Virginia Code § 22-6A-16(c)**

CERTIFIED MAIL                                       HAND  
RETURN RECEIPT REQUESTED                                      DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

**Notice is hereby provided to the SURFACE OWNER(s)**

(at the address listed in the records of the sheriff at the time of notice):

Name: See attached                                      Name: \_\_\_\_\_  
Address: \_\_\_\_\_                                      Address: \_\_\_\_\_

**Notice is hereby given:**

Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State:	<u>West Virginia</u>	UTM NAD 83	Easting:	<u>567087.9</u>
County:	<u>Monongalia</u>		Northing:	<u>4388292.4</u>
District:	<u>Clay</u>	Public Road Access:	<u>Daybrook Rd/Rt 218</u>	
Quadrangle:	<u>Blacksville, WV</u>	Generally used farm name:	<u>Yost</u>	
Watershed:	<u>Dunkard Creek</u>			

**This Notice Shall Include:**

Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1) A copy of this code section; (2) The information required to be provided by **W. Va. Code § 22-6A-10(b)** to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57<sup>th</sup> Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting [www.dep.wv.gov/oil-and-gas/pages/default.aspx](http://www.dep.wv.gov/oil-and-gas/pages/default.aspx).

Well Operator:	<u>Northeast Natural Energy, LLC</u>	Address:	<u>707 Virginia St. E., Suite 1200</u>
Telephone:	<u>304-414-7060</u>		<u>Charleston, WV 25301</u>
Email:	<u>hmedley@nne-llc.com</u>	Facsimile:	<u>304-241-5972</u>

**Oil and Gas Privacy Notice:**

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

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Office of Oil and Gas

OCT 29 2021

WV Dept. of Environmental Protection  
12/03/2021

Surface Owner

Yost Heritage Inc. ✓  
2656 Daybrook Rd.  
Fairview, WV 26570

Surface Owner (Road and/or Other Disturbance)

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Gary D. Yost ✓  
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Fairview, WV 26570

Lois Jean McCoy ✓  
205 Blue Goose Road  
Fairview, WV 26570

Stephen R. Wilson ✓  
3593 Loomis Ridge Road  
Parkersburg, WV 26104

Susan L. Rockwell ✓  
6440 Mason-Dixon Highway  
Blacksville, WV 26521

Timothy H. Wilson ✓  
39 Ted Wilson Drive  
Core, WV 26541

Sandy Moore ✓  
2677 Mason-Dixon Highway  
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4 Brothers LLC ✓  
153 Blue Goose Rd.  
Fairview, WV 26570

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OCT 29 2021

WV Department of  
Environmental Protection

12/03/2021



STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
**VOLUNTARY STATEMENT OF NO OBJECTION**

**Instructions to Persons Named on Page WW-6A**

The well operator named on page WW-6A is applying for a permit from the State of West Virginia to conduct oil or gas well work. Well work permits are valid for twenty-four (24) months. Please contact the listed well operator and the Office of Oil and Gas if you do not own any interest in the listed surface tract.

**Comment and Waiver Provisions**

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary.

Pursuant to West Virginia Code § 22-6A-8(b) No permit may be issued less than thirty days after the filing date of the application for any well work except plugging or replugging; and no permit for plugging or replugging may be issued less than five days after the filing date of the application except a permit for plugging or replugging a dry hole: *Provided*, That if the applicant certifies that all persons entitled to notice of the application under the provisions of subsection (b), section ten of this article have been served in person or by certified mail, return receipt requested, with a copy of the well work application, including the erosion and sediment control plan, if required, and the well plat, and further files written statements of no objection by all such persons, the secretary may issue the well work permit at any time.

**VOLUNTARY STATEMENT OF NO OBJECTION**

I, \_\_\_\_\_, hereby state that I have read the Instructions to Persons Named on Page WW-6A and the associated provisions listed above, and that I have received copies of a Notice of Application, an Application for a Well Work Permit on Form WW-6A and attachments consisting of pages one (1) through \_\_\_\_\_, including the erosion and sediment control plan, if required, and the well plat, all for proposed well work on the tract of land as follows:

State: _____	West Virginia	UTM NAD 83	Easting: _____	567087.9
County: _____	Monongalia		Northing: _____	4386292.4
District: _____	Clay	Public Road Access: _____	Daybrook Road/218	
Quadrangle: _____	Blacksville, WV	Generally used farm name: _____	Yost	
Watershed: _____	Dunkard Creek			

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

<p>*Please check the box that applies</p> <p><input checked="" type="checkbox"/> SURFACE OWNER</p> <p><input checked="" type="checkbox"/> SURFACE OWNER (Road and/or Other Disturbance)</p> <p><input type="checkbox"/> SURFACE OWNER (Impoundments/Pits)</p> <p><input type="checkbox"/> COAL OWNER OR LESSEE</p> <p><input type="checkbox"/> COAL OPERATOR</p> <p><input type="checkbox"/> WATER PURVEYOR</p> <p><input type="checkbox"/> OPERATOR OF ANY NATURAL GAS STORAGE FIELD</p>	<p><b>FOR EXECUTION BY A NATURAL PERSON</b></p> <p>Signature: _____</p> <p>Print Name: _____</p> <p>Date: _____</p> <p><b>FOR EXECUTION BY A CORPORATION, ETC.</b></p> <p>Company: <u>Yost Heritage, Inc</u></p> <p>By: <u>Dennis O. Yost - Dennis O. Yost</u></p> <p>Its: <u>Co-presidents</u></p> <p>Signature: <u>Dad/Yost - Dennis O. Yost</u></p> <p>Date: <u>10-20-2021</u></p>
---	---

**Oil and Gas Privacy Notice:**

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OCT 20 2021  
12/03/2021

## Planned Additives To Be Used In Fracturing Stimulations

Trade Name	Purpose	Ingredients	Cemical Abstract Service Numner (CAS#)
Water	Carrier	Water	7732-18-5
HCl, 10.1-15%	Acidizing	Hydrochloric Acid Water	7647-01-0 7732-18-5
Alpha 1427	Biocide	Alkyl Dimethyl Benzyl Ammonium Chloride (C12-16) Ethanol Glutaraldehyde Quaternary Ammonium Chloride Water	68424-85-1 64-17-5 111-30-8 7173-51-5 7732-18-5
Enzyme G-NE	Breaker	Hemicellulase Enzyme Concentrate Water	9025-56-3 7732-18-5
CI-14	Corrosion Inhibitor	Fatty Acids Methanol Olefin Polyozyalkylenes Propargyl Alcohol	NA 67-56-1 NA NA 107-19-7
GW-3LDF	Gelling Agent	Guar Gum Petroleum Distillate Blend	9000-30-0 CBI
FRW-18	Friction Reducer	Hydrotreated Light Distillate	64742-47-8
Ferrotrol 300L	Iron Control	Citric Acid	77-92-9
Sand, White, 40/70	Proppant	Cystalline Silica (Quartz)	14808-60-7
Sand, White, 100 mesh	Proppant	Cystalline Silica (Quartz)	14808-60-7
Scaletrol 720	Scale Inhibitor	Diethylene Glycol	111-46-6

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OCT 29 2021  
WV Department of  
Environmental Protection





WEST VIRGINIA DEPARTMENT OF TRANSPORTATION  
**Division of Highways**

D. Alan Reed, P.E.  
State Highway Engineer

1900 Kanawha Boulevard East • Building Five • Room 110  
Charleston, West Virginia 25305-0430 • (304) 558-3505

Jimmy Wriston, P. E.  
Secretary of Transportation  
Commissioner of Highways

October 29, 2021

James A. Martin, Chief  
Office of Oil and Gas  
Department of Environmental Protection  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304

Subject: DOH Permit for the Yost Pad, Monongalia County  
Yost 10H Well Site

Dear Mr. Martin,

This well site will be accessed from a DOH permit #04-2012-0876 which has been issued to Yost Heritage Inc. for access to the State Road for a well site located off West Virginia Route 218 F MP 1.93.

This operator is in compliance with §22-6A-20 of the WV Code. Operator has signed a DISTRICT WIDE OIL AND GAS ROAD MAINTENANCE BONDING AGREEMENT and provided the required Bond. This operator is currently in compliance with the DOH OIL AND GAS POLICY dated October 1, 2018. This letter is valid for permitting purposes for one year from the date of this letter.

Very Truly Yours,

A handwritten signature in blue ink that reads "Gary K. Clayton".

Gary K. Clayton, P.E.  
Regional Maintenance Engineer  
Central Office O&G Coordinator

Cc: Hollie Medley  
Northeast Natural Energy Corporation  
CH, OM, D-4  
File

12/03/2021

# YOST WELL PAD EXPANSION CLAY DISTRICT, MONONGALIA COUNTY, WV JUNE 2021

PLANS PREPARED BY: \_\_\_\_\_

**BOORD BENCHEK & ASSOCIATES, INC.**  
ENGINEERING, SURVEYING, CONSTRUCTION AND MINING SERVICES  
SOUTHPOINTE, PA 15317 PHONE: 724-745-1055

Super Admin  
10-25-21



ANDREW BENCHEK  
P.E.

DATE

**WEST VIRGINIA 811**

TWO WORKING DAYS PRIOR TO EXCAVATION, THE CONTRACTOR MUST CONTACT THE WV ONE CALL SYSTEM, INC., 1-800-245-4848  
SERIAL # 1210029702

OWNER



**northeast**  
NATURAL ENERGY  
NORTHEAST NATURAL ENERGY, LLC  
707 VIRGINIA STREET SUITE 1200  
CHARLESTON, WV 25301



**SHEET INDEX**

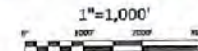
1. TITLE SHEET
- 2-3. EVACUATION ROUTE/PREVAILING WINDS
4. E&S CONTROL LAYOUT OVERVIEW
- 5-9. E&S CONTROL LAYOUT
10. E&S CONTROL AND SITE PLAN OVERVIEW
- 11-15. E&S CONTROL AND SITE PLAN
16. YOST ACCESS ROAD PROFILE
- 17-22. YOST ACCESS ROAD CROSS-SECTIONS
23. ACCESS ROAD B, WELL PAD EXPANSION A-A', B-B', C-C' & D-D' PROFILES
24. ACCESS ROAD B CROSS-SECTIONS
- 25-27. DETAIL SHEET
28. SITE RECLAMATION PLAN OVERVIEW
- 29-33. SITE RECLAMATION PLAN

PERMITTED PROJECT BOUNDARY: 28.54 ACRES  
ADDITIONAL PROJECT BOUNDARY : 2.58 ACRES  
TOTAL: 31.12 ACRES

**COORDINATES**

**CENTER OF WELLS (NAD 83)**  
LAT: 39° 38' 29.9"  
LONG: 80° 13' 05.0"  
(NAD 27)  
LAT: 39° 38' 28.6"  
LONG: 80° 13' 05.7"

**SITE ENTRANCE (NAD 83)**  
LAT: 39° 37' 46.5"  
LONG: 80° 12' 53.8"  
(NAD 27)  
LAT: 39° 37' 46.2"  
LONG: 80° 12' 54.6"



**PROPERTY OWNER PROJECT BOUNDARY ACREAGE**  
KERRY & CRYSTI BARR (E&S MAP AND PARCEL 15 800.57 AC.  
DAVID B. YOST (E&S MAP AND PARCEL 20 410.00 AC.  
DORRIS J. HARRIS & BROTHERS INC. (E&S MAP AND PARCEL 19 445.00 AC.  
LORI BARR & FREDERICK MORTON BANAGUA WILSON & BROSHEE RUTH ESTATE (E&S MAP AND PARCEL 20 449.80 AC.  
YOST HERITAGE INC. (E&S MAP AND PARCEL 18 48.20 4.90 AC.  
YOST HERITAGE INC. (E&S MAP AND PARCEL 19 48.22 4.25 AC.  
YOST HERITAGE INC. (E&S MAP AND PARCEL 19 49.21 3.27 AC.  
YOST HERITAGE INC. (E&S MAP AND PARCEL 18 48.46 3.39 AC.  
YOST HERITAGE INC. (E&S MAP AND PARCEL 18 48.21 2.82 AC.  
YOST HERITAGE INC. (E&S MAP AND PARCEL 18 48.21 0.54 AC.  
YOST HERITAGE INC. (E&S MAP AND PARCEL 18 52.21 8.00 AC.

**API NUMBERS**  
Yost 1H - 061-01799  
Yost 3H - 47-06101673  
Yost 5H - 47-06101670  
Yost 7H - 061-01800  
Yost 9H - 47-06101671  
Yost 11H - 061-01801

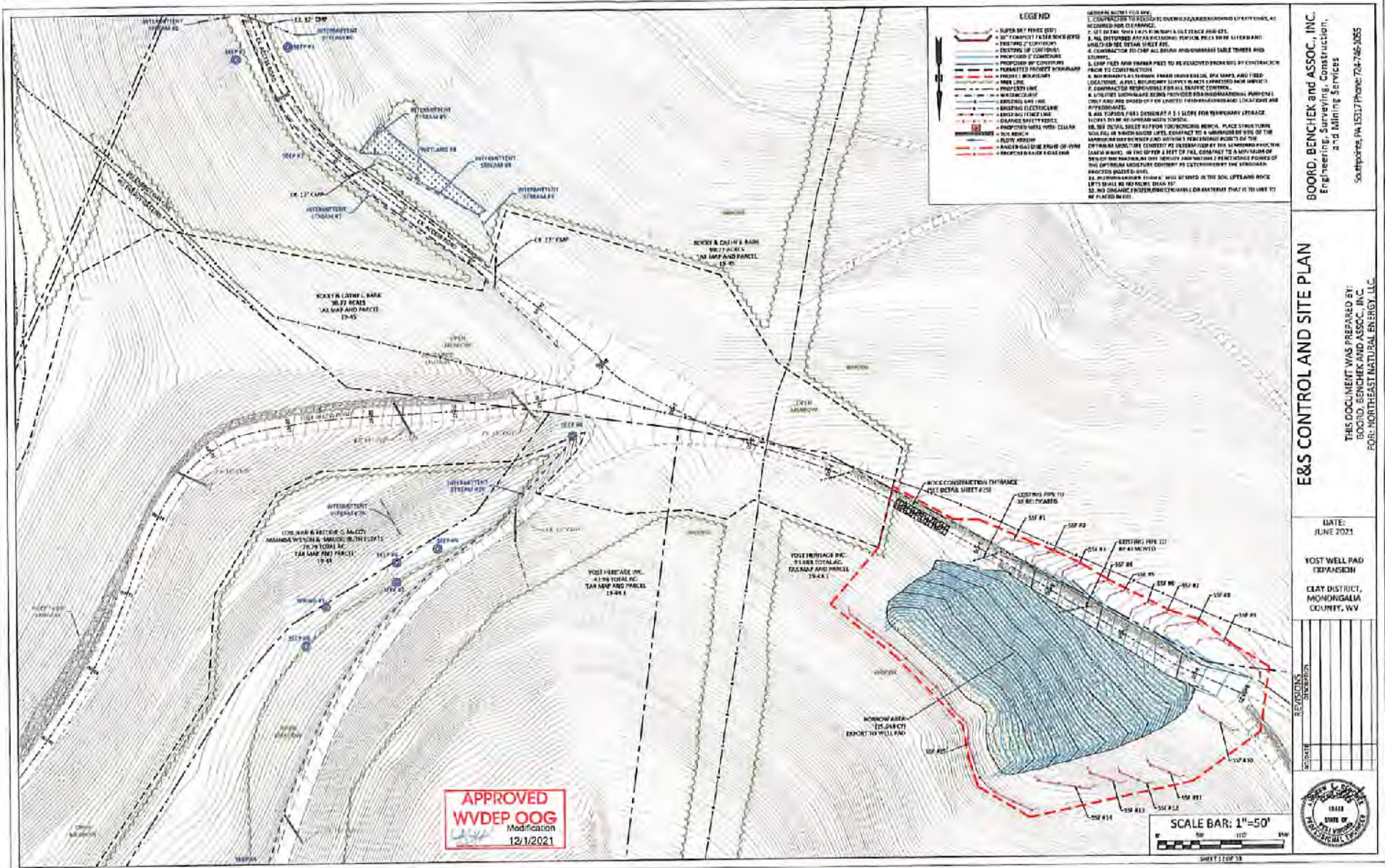
IN ACCORDANCE WITH WV 35 CSR 8 THE FOLLOWING EROSION & SEDIMENT CONTROL PLAN HAS BEEN DESIGNED IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES ESTABLISHED BY THE CHIEF AND PROVIDED IN THE OFFICE'S EROSION AND SEDIMENT CONTROL FIELD MANUAL. A GENERAL CONSTRUCTION SEQUENCE, DESCRIPTION OF STABILIZATION METHODS, AND DETAILS & SPECIFICATIONS FOR EROSION & SEDIMENT BEST MANAGEMENT PRACTICES HAVE BEEN INCLUDED IN THE PROVIDED DETAIL SHEETS.

NO.	REVISIONS DESCRIPTION

**TITLE SHEET**  
YOST WELL PAD EXPANSION  
CLAY DISTRICT, MONONGALIA COUNTY, WV

**SHEET**  
1  
OF  
33





- LEGEND**
- SUPER SITE PERMIT (SPP)
  - 50' BUFFER ZONE ROCK BENCH
  - EXISTING TOPOGRAPHY
  - EXISTING 10' CONTOUR
  - PROPOSED 10' CONTOUR
  - PROPOSED BY CONTRACTOR
  - PERMITTED PROJECT BOUNDARY
  - PROPERTY BOUNDARY
  - TREE LINE
  - WATERCOURSE
  - EXISTING LINE
  - EXISTING ELECTRIC LINE
  - CHANGE BATTERY
  - PROPOSED WITH TILLAM
  - ROCK BENCH
  - FIFTY FEET BUFFER
  - ROCK BENCH BUFFER
- GENERAL NOTES FOR SPP:**
1. CONTRACTOR TO VERIFY TOOLS AND EQUIPMENT USED FOR ALL MEASUREMENTS AND RECORDING.
  2. SET UP AND MAINTAIN 1/4" IN DIAMETER BENCH AND 1/4" IN DIAMETER BENCH PERIODICALLY FROM ALL BENCH AND 1/4" IN DIAMETER BENCH.
  3. ALL DISTANCES ARE TO BE MEASURED FROM THE CENTERLINE OF THE ROAD OR RAILROAD.
  4. CONTRACTOR TO CHECK ALL BENCH AND BENCH TABLE THICKNESS AND STABILITY.
  5. LUMP FILL AND TRIMMING SHALL BE REMOVED FROM SITES BY CONTRACTOR PRIOR TO CONSTRUCTION.
  6. MOVEMENTS SHALL BE MADE FROM EACH SIDE OF THE BENCH AND FILL LOCATIONS. A FULL BENCH SURVEY SHALL BE MADE FROM SITES.
  7. CONTRACTOR RESPONSIBLE FOR ALL BENCH CONTROL.
  8. ALL OTHER CONSTRUCTION SHALL BE PROVIDED TO THE BENCH AND BENCH CONTROL AND BASED ON THE LIMITED INFORMATION AND LOCATIONS AND APPROXIMATE.
  9. ALL TOPSOIL SHALL BE DEMONSTRATED AT 1:1 SLOPE FOR TEMPORARY STORAGE.
  10. SPP SHALL BE APPROVED WITHIN 30 DAYS.
  11. ALL DISTANCES SHALL BE MEASURED FROM THE CENTERLINE OF THE ROAD OR RAILROAD UNLESS OTHERWISE NOTED.
  12. ALL DISTANCES SHALL BE MEASURED FROM THE CENTERLINE OF THE ROAD OR RAILROAD UNLESS OTHERWISE NOTED.
  13. ALL DISTANCES SHALL BE MEASURED FROM THE CENTERLINE OF THE ROAD OR RAILROAD UNLESS OTHERWISE NOTED.
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  25. ALL DISTANCES SHALL BE MEASURED FROM THE CENTERLINE OF THE ROAD OR RAILROAD UNLESS OTHERWISE NOTED.

**APPROVED**  
**WVDEP OOG**  
 Modification  
 12/1/2021

SCALE BAR: 1"=50'  
 SHEET 1 OF 13

**BOARD, BENCHEK and ASSOC., INC.**  
 Engineering, Surveying, Construction,  
 and Mining Services  
 Southport, PA 15317 Phone: 724-746-3065

**E&S CONTROL AND SITE PLAN**

DATE: JUNE 2021  
 YOST WELLS PAD  
 CLAY DISTRICT,  
 MONONGALIA  
 COUNTY, WV

REVISIONS

NO.	DATE	DESCRIPTION

SCALE: 1"=50'

12/1/2021  
 STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENVIRONMENTAL POLICE

THIS DOCUMENT WAS PREPARED BY:  
 BOARD, BENCHEK AND ASSOC., INC.  
 FOR: NORTHEAST NATURAL ENERGY, LLC.



