



west virginia department of environmental protection

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

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

Thursday, November 2, 2023
WELL WORK PLUGGING PERMIT
Horizontal 6A Plugging

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

Re: Permit approval for PHOENIX 7H
47-061-01941-00-00

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.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, 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

A blue ink signature of James A. Martin, Chief, is written over the text.

Operator's Well Number:
Farm Name: CHARLES WENDELL MOORE
U.S. WELL NUMBER: 47-061-01941-00-00
Horizontal 6A Plugging
Date Issued: 11/2/2023

PERMIT CONDITIONS

West Virginia Code §22-6-11 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

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. 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.

1) Date _____, 20_____
2) Operator's _____
Well No. Phoenix 7H
3) API Well No. 47-061 - 01941

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil ____ / Gas X / Liquid injection ____ / Waste disposal ____ /
(If "Gas, Production ____ or Underground storage ____) Deep ____ / Shallow X

5) Location: Elevation 1,503' Watershed Dunkard Creek
District Battelle County Monongalia Quadrangle Wadestown

6) Well Operator Northeast Natural Energy LLC 7) Designated Agent Hollie Medley, Regulatory Manager
Address 707 Virginia St. E, Suite 1200 Address 48 Donley St.
Charleston, WV 25301 Morgantown, WV 26501

8) Oil and Gas Inspector to be notified Name Gayne Knitowski
Address PO Box 108
Gorman, WV 26720
9) Plugging Contractor Name Patterson UTI
Address 4000 Town Center Blvd, Suite 240
Canonsburg, PA 15317

- 10) Work Order: The work order for the manner of plugging this well is as follows:
- drilled to 1852', hole became unstable with large debris coming back
 - set cement plug from 1852' to 1194'
 - drilled out cement down to 1761' when hole collapsed
 - worked stuck pipe out to 1678', when we lost all movement, no rotation, no circulation
 - Jarred on fish with no success
 - Backed off and left fish downhole. Fish is from 1400' to 1678'. Set solid cement plug from 1400' to 78'.
 - Will top off with cement and set P&A monument once permitted to do so

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Office of Oil and Gas
NOV 02 2023

WV Department of
Environmental Protection

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector Gayne Knitowski, Inspector Date 10-27-2023
Digitally signed by Gayne Knitowski, Inspector
Date: 2023.10.27 08:40:00 -0400

11/10/2023

WW-9
(4/16)

API Number 47 - 061 - 01941

Operator's Well No. Phoenix 7H

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 Wadestown

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, Barite, 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"

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.

RECEIVED
Office of Oil and Gas

Company Official Signature *Hollie Medley*

NOV 02 2023

Company Official (Typed Name) Hollie Medley

Company Official Title Regulatory Manager

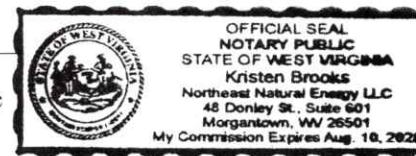
WV Department of Environmental Protection

Subscribed and sworn before me this 25th day of October, 2023

Kristen Brooks

Notary Public

My commission expires Aug. 10, 2028



11/10/2023

Northeast Natural Energy LLC

Proposed Revegetation Treatment: Acres Disturbed 72.29 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: Gayne Knitowski, Inspector
Digitally signed by Gayne Knitowski, Inspector
Date: 2023.10.27 08:44:22 -0400

Comments: _____

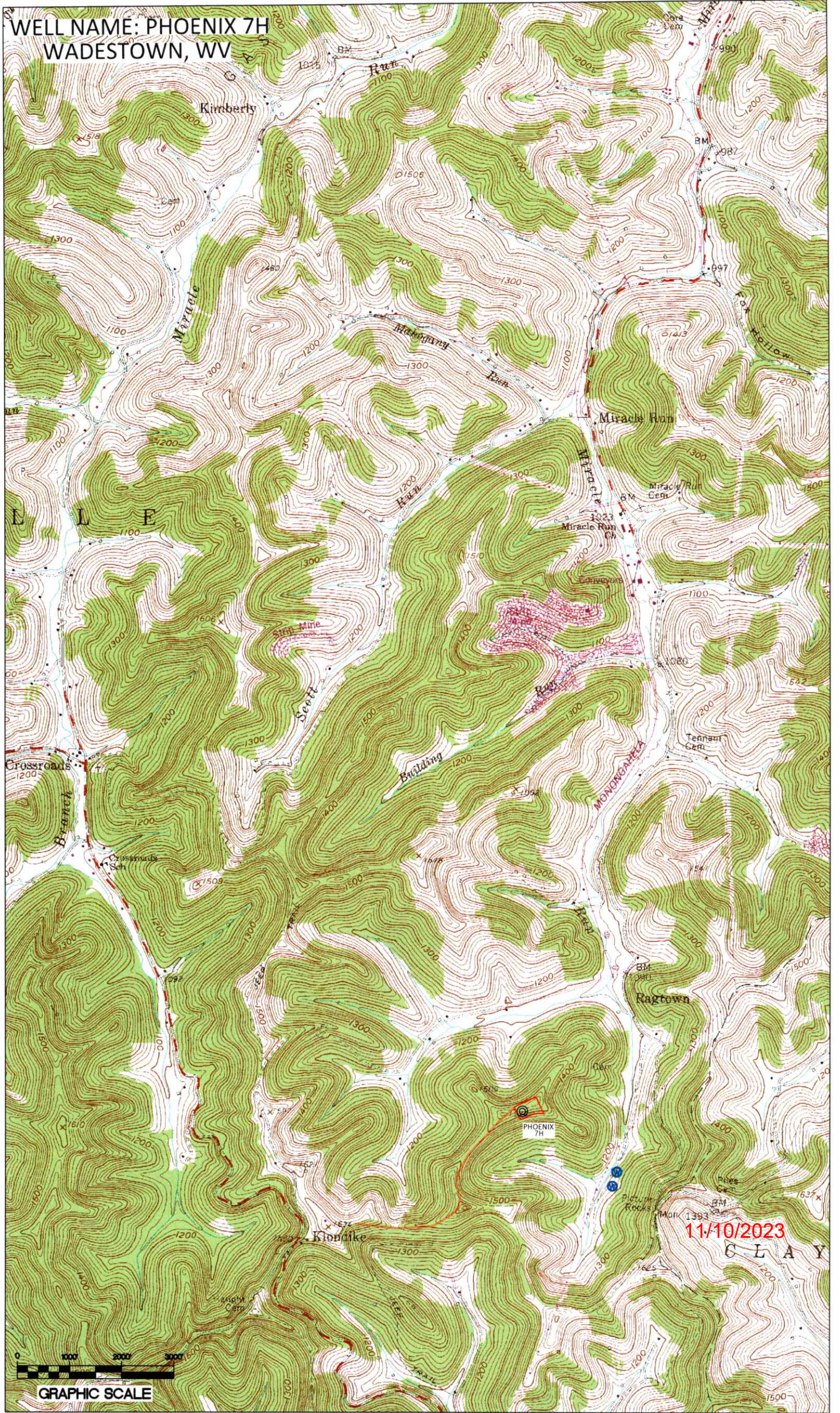
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Title: Inspector Date: 10/27/2023
WV Department of Environmental Protection

Field Reviewed? (X) Yes () No

11/10/2023

WELL NAME: PHOENIX 7H
WADESTOWN, WV

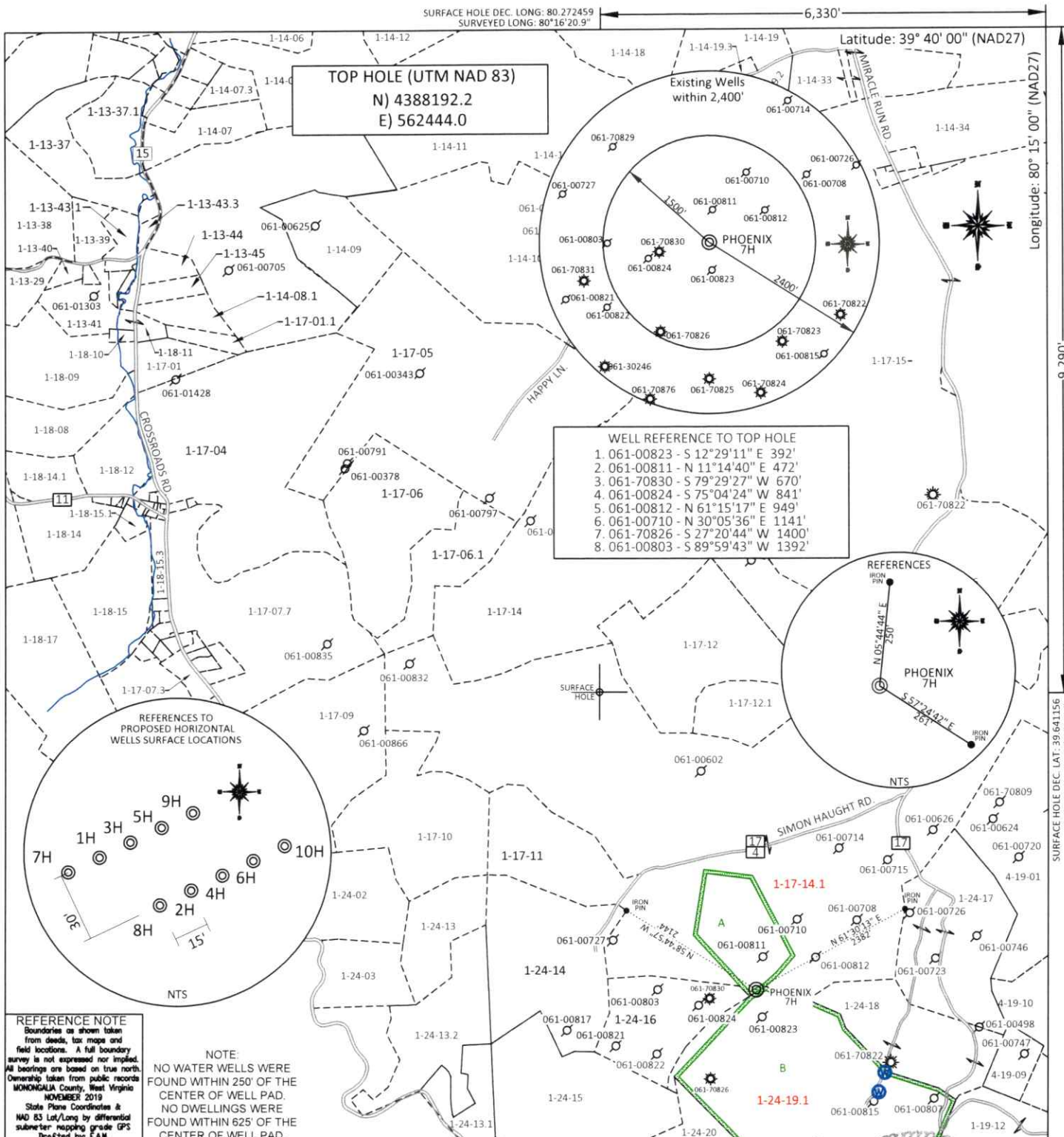


11/10/2023

CLAY



GRAPHIC SCALE



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

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

FILE #: NNE16
 DRAWING #: 4022
 SCALE: PLAT: 1" = 2000'
TICK: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1/200
 PROVEN SOURCE OF ELEVATION: SUBMETER MAPPING GRADE GPS

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



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

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

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

DATE: OCTOBER 24, 2023
 OPERATOR'S WELL #: PHOENIX 7H
 API WELL #: 47 61
 STATE COUNTY PERMIT
 CURRENT ELEVATION: 1,538'
 PROPOSED ELEVATION: 1,503.50'
 QUADRANGLE: WADESTOWN
 ACREAGE: 466.30 +/-
 ACREAGE: 235.91 11/10/2023

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

TARGET FORMATION: MARCELLUS
 WELL OPERATOR: NORTHEAST NATURAL ENERGY LLC
 ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200
 CITY: CHARLESTON STATE: WV ZIP CODE: 25301
 ESTIMATED DEPTH: TVD: 1,852'
 DESIGNATED AGENT: JOHN ADAMS
 ADDRESS: 707 VIRGINIA STREET EAST, SUITE 1200
 CITY: CHARLESTON STATE: WV ZIP CODE: 25301

	PROPERTY OWNER INDEX
1-24-19.1	CHARLES WENDELL MOORE
1-17-14.1	FRANK M. CHISLER

	LEASE INDEX
A	WV-061-004076-010
B	WV-061-004463-001

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11/10/2023

FILE #: NEE14

DRAWING #: 4022

SCALE: N/A

DATE: OCTOBER 24, 2023

OPERATOR'S WELL #: PHOENIX 7H

API WELL #: 47 61
STATE COUNTY PERMIT



Kennedy, James P <james.p.kennedy@wv.gov>

Plugging permit issued 4706101941

1 message

Kennedy, James P <james.p.kennedy@wv.gov>


Thu, Nov 2, 2023 at 3:08 PM

To: Hollie Medley <hmedley@nne-llc.com>, Gayne J Knitowski <gayne.j.knitowski@wv.gov>, mmusick@assessor.org

To whom it may concern, a plugging permit has been issued for 4706101941.

James Kennedy

WVDEP OOG

 **4706101941.pdf**
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