west virginia department of environmental protection

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

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

# PERMIT MODIFICATION APPROVAL

June 11, 2014

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

Re: Permit Modification Approval for API Number 6101666 , Well #: BEACH 4H
Change Top Hole

Oil and Gas Operator:
The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

Please call James Martin at 304-926-0499, extension 1654 if you have any questions.

Sincerely,

for G.S.

Gene Smith
Regulatory/Compliance Manager
Office of Oil and Gas

61-01666 MOD 1

## Hollie Medley

**From:** Hollie Medley
**Sent:** Monday, June 02, 2014 3:24 PM
**To:** Gene.C.Smith@wv.gov
**Cc:** James.A.Martin@wv.gov
**Subject:** FW: Northeast Natural Energy - WW-6AW - Northeast Natural Energy Revised Permit Applications
**Attachments:** NNE - Beach - 2H, 4H, 6H, 10H - WW-6AW REVISED LOCATIONS.pdf; Beach 2H - REVISED - Final Plat - 2014-5-29.pdf; Beach 4H - REVISED - Final Plat - 2014-5-29.pdf; Beach 6H - REVISED - Final Plat - 2014-5-29.pdf; Beach 10H - REVISED - Final Plat - 2014-5-29.pdf

Gene,

Consol submitted the attached Voluntary Statements of No Objection for the Top Hole adjustments to the Beach 2H, 4H, 6H and 10H wells to Mr. Martin. I have attached the same for your review per our conversation along with Revised Survey Plats for each. I will get Revised Mylars out to the office today. Please let me know if you need anything else from me for the revisions. I noticed that the Application did not reference a top hole location so I didn't revise it.

Thanks,

Hollie M. Medley
Regulatory Coordinator
Northeast Natural Energy LLC
6240 Mid Atlantic Drive
Morgantown, WV 26508
304.241.5752 Ext. 7108
northeastnaturalenergy.com

northeast
NATURAL ENERGY

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JUN 05 2014
WV Department of
Environmental Protection

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**From:** Arp, Ryan [mailto:RyanArp@consolenergy.com]
**Sent:** Monday, June 02, 2014 3:16 PM
**To:** James.A.Martin@Wv.Gov
**Cc:** Hollie Medley
**Subject:** Northeast Natural Energy - WW-6AW - Northeast Natural Energy Revised Permit Applications

Dear Mr. Martin,

Please find attached to this email an electronic copy of CONSOL Mining Company LLC's voluntary statement of no objection forms WW-6AW for the revised surface locations to Northeast Natural Energy's Beach Pad 2H, 4H, 6H, and 10H wells. Please contact me if you have any further questions.

61 -01666 MOD1

Thank you,

**Ryan Arp**
Project Engineer

CONSOL ENERGY
**Engineering and Operations Support - Coal**
CNX Center
1000 CONSOL Energy Drive
Canonsburg, PA 15317-6506

*phone:* 724.485.4483
*cell:* 720.289.7673
*fax:* 724.485.4841
*e-mail:* ryanarp@consolenergy.com

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61-01666 Mod1

**CONSOL Energy Inc.**
CNX Center
1000 Consol Energy Drive
Canonsburg, PA 15317

*phone:* 724.485.4483
*fax:* 724.485.4841
*e-mail:* RyanArp@consolenergy.com
*web:* www.consolenergy.com

**RYAN ARP**
*Project Engineer*

June 2, 2014

Mr. James Martin
West Virginia Department of Environmental Protection
601 57th Street
Office of Oil & Gas
Charleston, West Virginia 25304

RE: Northeast Natural Energy LLC Proposed Beach 2H, 4H, 6H, 10H Wells

Dear Mr. Martin,

CONSOL Mining Company LLC does not object to the Northeast Natural Energy LLC well drilling applications for the above referenced proposed wells. Attached are the voluntary statements of no objection form WW-6AW. If you have any questions or require additional information, please contact me at 724-485-4483.

Sincerely,

Ryan Arp
Project Engineer

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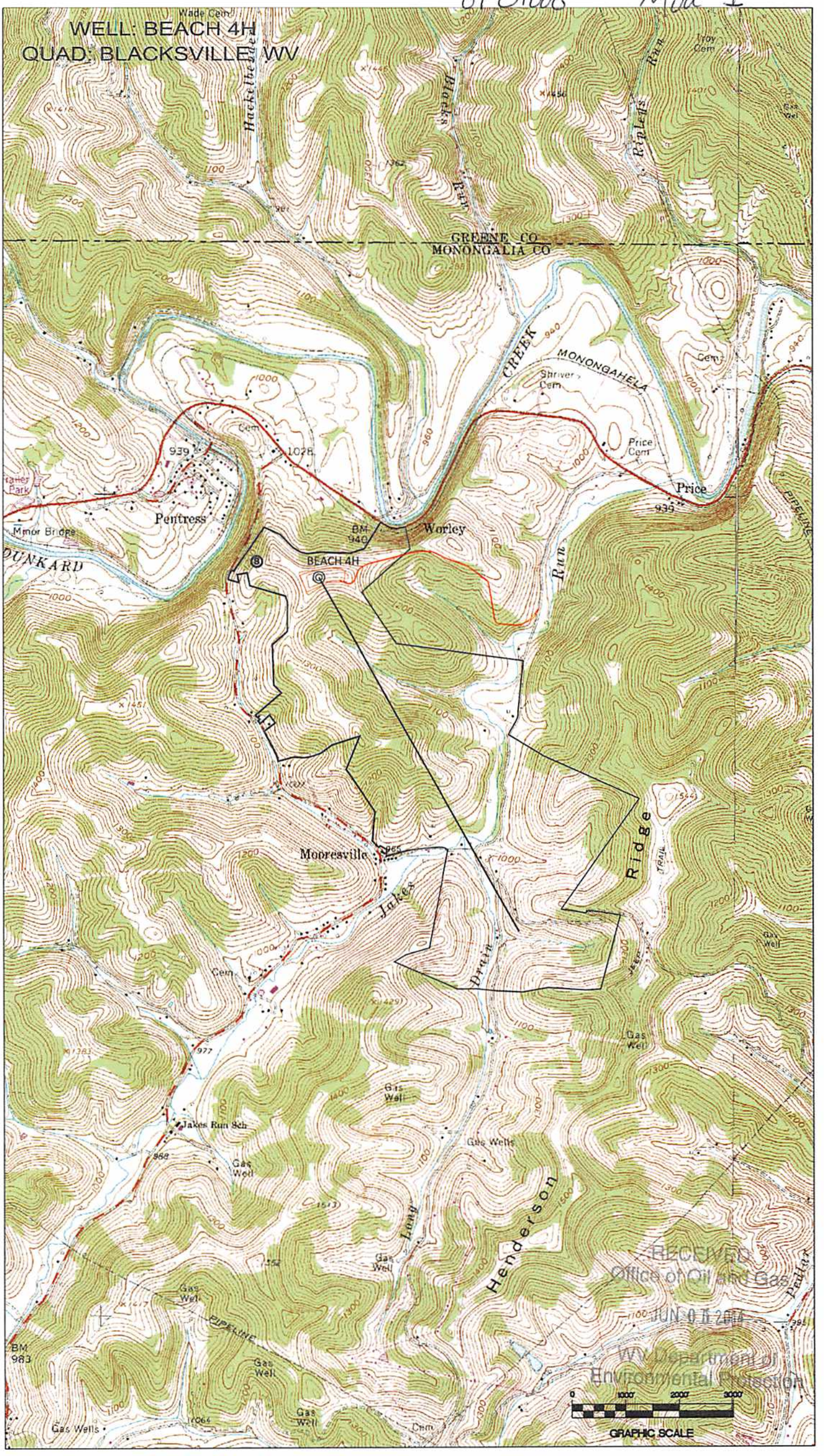
Office of Oil and Gas

JUN 06 2014

WV Department of
Environmental Protection

61-01666 Mod 1

WELL: BEACH 4H
QUAD: BLACKSVILLE, WV

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JUN 0 8 2018
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Mod 1

SURFACE HOLE DEC. LONG: 80.152596
SURVEYED LONG: 80° 09' 09.3"

7,770'

Latitude: 39° 42' 30" (NAD 27)

1,480'

Longitude: 80° 07' 30" (NAD 27)

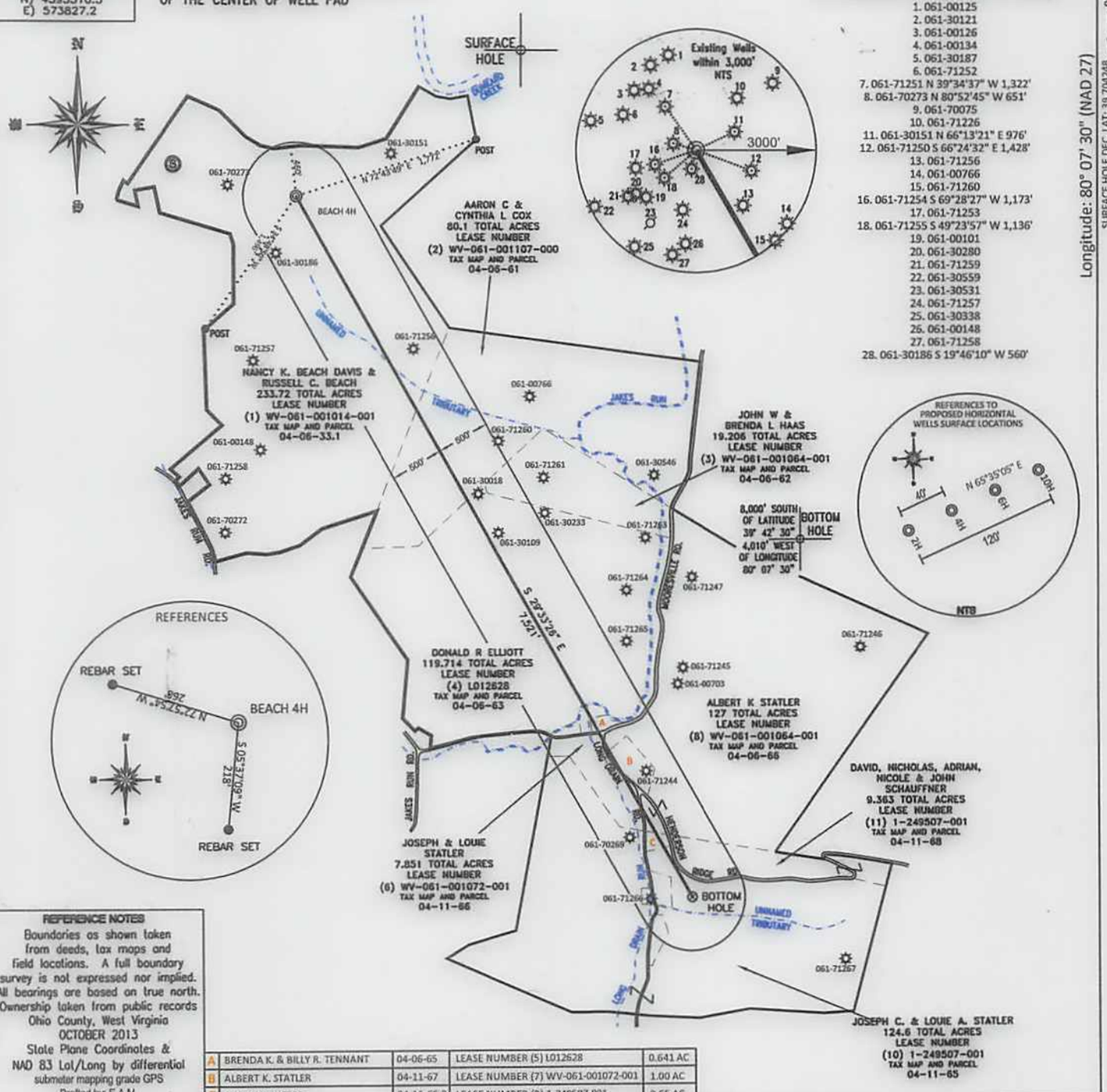
SURFACE HOLE DEC. LAT: 39.704248
SURVEYED LAT: 39° 42' 15.3"

| TOP HOLE (UTM 83) |
|---|
| N) 4395284.6 |
| E) 572663.5 |
| **BOTTOM HOLE (UTM 83)** |
| N) 4393310.3 |
| E) 573827.2 |

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

**WELL REFERENCE (API#,DISTANCE TO LATERAL)**

1. 061-00125
2. 061-30121
3. 061-00126
4. 061-00134
5. 061-30187
6. 061-71252
7. 061-71251 N 39°34'37" W 1,322'
8. 061-70273 N 80°52'45" W 651'
9. 061-70075
10. 061-71226
11. 061-30151 N 66°13'21" E 976'
12. 061-71250 S 66°24'32" E 1,428'
13. 061-71256
14. 061-00766
15. 061-71260
16. 061-71254 S 69°28'27" W 1,173'
17. 061-71253
18. 061-71255 S 49°23'57" W 1,136'
19. 061-00101
20. 061-30280
21. 061-71259
22. 061-30559
23. 061-30531
24. 061-71257
25. 061-30338
26. 061-00148
27. 061-71258
28. 061-30186 S 19°46'10" W 560'




**REFERENCE NOTES**

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 Ohio County, West Virginia OCTOBER 2013 State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS Drafted by: E.A.M.

| | | | | |
|---|---|---|---|---|
| A | BRENDA K. & BILLY R. TENNANT | 04-06-65 | LEASE NUMBER (5) L012628 | 0.641 AC |
| B | ALBERT K. STATLER | 04-11-67 | LEASE NUMBER (7) WV-061-001072-001 | 1.00 AC |
| C | SHELLY K. WEBER | 04-11-65.2 | LEASE NUMBER (9) 1-249507-001 | 0.65 AC |

FILE #: NNE009
DRAWING #: 2294
SCALE: PLAT = (1"=1400') 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:

L.L.S. #2124 : Ernest J. Benchek III

ERNEST J. BENCHEK III LICENSED No. 2124 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

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

WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304

DATE: MAY 29, 2014

OPERATOR'S WELL #: BEACH 4H

API WELL #: 47 (STATE) 61 (COUNTY) 016066 (PERMIT) H6A Mod

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

WATERSHED: DUNKARD CREEK ELEVATION : 1380'

COUNTY/DISTRICT: MONONGALIA / CLAY QUADRANGLE: BLACKSVILLE, WV.

SURFACE OWNER: NANCY K. BEACH DAVIS & RUSSELL C. BEACH ACREAGE: 233.72 +/-

OIL & GAS ROYALTY OWNER: TED K. MOORE, ET AL ACREAGE: 723.85 +/-

LEASE NUMBERS:

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

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 8,215' TMD: 15,567'

WELL OPERATOR : NORTHEAST NATURAL ENERGY LLC DESIGNATED AGENT : JOHN ADAMS

ADDRESS: 707 VIRGINIA STREET SUITE 1200 ADDRESS: 707 VIRGINIA STREET SUITE 1200

CITY: CHARLESTON STATE: WV ZIP CODE: 25301 CITY: CHARLESTON STATE: WV ZIP CODE: 25301

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