



---

west virginia department of environmental protection

---

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

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

Monday, December 12, 2016  
NOTICE OF PERMIT CANCELLATION  
Vertical / Plugging - 2

NNE RESOURCES LLC  
707 VIRGINIA STREET EAST, SUITE 1200

CHARLESTON, WV 25301

Re: Permit cancellation for 3  
47-061-00505-00-00

The FINAL INSPECTION REPORT for the CANCELLED PERMIT, issued for U.S. Well Number 47-061-00505-00-00 , has been received by the Office of Oil and Gas. The permit has been cancelled as of 12/12/2016 .

If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin  
Chief

Operator's Well Number: 3  
Farm Name: MOORE & EDDY  
U.S. WELL NUMBER: 47-061-00505-00-00  
Vertical / Plugging - 2  
Date Cancelled: 12/12/2016

Promoting a healthy environment.

12/16/2016



## McLaughlin, Jeffrey W

---

**From:** Hollie Medley <hmedley@nne-llc.com>  
**Sent:** Friday, October 14, 2016 2:13 PM  
**To:** McLaughlin, Jeffrey W  
**Subject:** J.S. Walker 2 (061-00448) Plugging Application  
**Attachments:** J.S. Walker 2 - Plugging Application Package - 2016-10-14.pdf

Good Friday Afternoon Mr. McLaughlin,

I think I finally have the wells we discussed figured out and the new paper work signed. The application you have for the Moore Eddy 3 (061-00505) is actually where the J.S. Walker 2 (061-00448) is located. I have made the adjustments to the naming for this GPS location and attached the application package. Please let me know if you have any questions.

Thanks,

Hollie Medley  
Regulatory Coordinator  
48 Donley Street, Suite 601  
Morgantown, WV 26501  
304.212.0422 (o)  
304.543.8932 (c)





# northeast

NATURAL ENERGY

**J.S. Walker 2**  
**Clay District, Monongalia County, WV**  
**API Number: 47-061-00448**  
**AFE Number: TBD**  
**Plugging Procedure**

September 28, 2016

## Discussion

Approval is requested to perform the initial plugging on the J.S. Walker 2 well. The well is a vertical shallow well located in Clay District, Monongalia County, WV. This well was drilled to a depth of 2,197'. Production from this well has been very low for numerous years. The J.S. Walker 2 is recommended to be plugged and abandoned.

## Plug and Abandonment Procedure:

1. Ensure all necessary erosion and sediment control devices are in place.
2. Perform necessary earth work to establish access and work area for rig and equipment.
3. RIH with open ended tubing to determine PBTD.
4. Attempt to remove all casing by pulling a minimum of 150% of casing string weight.
5. If casing will not pull out, cut and remove as much casing as possible.
6. Log well to determine casing and coal depth.
7. Spot expandable cement from PBTD to 100' below coal to set solid cement plug.
8. Set a solid cement plug 100' above coal.
9. WOC expandable cement to harden.
10. Top off well to surface with Class A cement with no more than 3% CaCl<sub>2</sub> and no other additives.
11. Place well monument with API number on spot of well.
12. Reclaim site.
13. After 70% growth is observed remove any remaining erosion and sediment controls.

RECEIVED  
Office of Oil and Gas

OCT 14 2016

WV Department of  
Environmental Protection

707 Virginia Street East · Suite 1200 · Charleston, WV 25301

12/16/2016

## SCOPE OF OPERATION

1. Safety is the highest priority. Control costs and avoid unnecessary expenditures.
2. Attempt to cut or pull all recoverable casing.
3. TIH with 1½" tubing to estimated TD of 2,197'.
4. Pump cement and gel plugs per state requirements.
5. Bury and plat a well monument with WV State API number.

## PROCEDURE

- 1) Safety is the number one priority. Well site safety meetings will be held before each major operation
- 2) MIRU construction equipment and remove any tanks, separators, well lines, meter runs, exc.
- 3) MIRU service rig & needed BOP equipment
- 4) TOOH strapping rods and tubing
- 5) TIH strapping 1½" tubing to PBTD'
- 6) Pump 20 sks of Class A cement (150' cement plug), displace cement plug
- 7) TOOH with 1½" tubing
- 8) RIH with Mechanical Ripper on sand line to 1,600' and attempt to rip and retrieve 5 3/16" casing.
- 9) If Mechanical Ripper is not successful, contact NNE representative to discuss wire line options
- 10) TOOH with 5 3/16" casing and tally out
- 11) RIH and perforate 8¼" casing
- 12) RIH with Mechanical Ripper on sand line to rip 8¼" casing above free point and perforations
- 13) TIH with 1½" tubing
- 14) Pump cement from 1,650' to above 8¼" perfs
- 15) TOOH with 1½" tubing

RECEIVED  
Office of Oil and Gas

OCT 14 2016

WV Department of  
Environmental Protection

707 Virginia Street East · Suite 1200 · Charleston, WV 25301

12/16/2016

- 16) TOOH with 8¼” casing
- 17) RIH with 1½” tubing
- 18) Cement to surface
- 19) Cut all casing 36 inches below GL. Install a monument to WV state requirements
- 20) RDMO all service equipment providers and reclaim location to WV State requirements

**Well Record Procedure**

NNE Resources LLC researched the proposed well for plug and abandonment using the following information centers:

- The DEP office at 601-57<sup>th</sup> Street, Charleston, WV 25304
- The DEP online database for Oil and Gas Wells for production and well data
- Titlemaps.com for lease information.
- Research well files provided by previous operator.

**Well Data**

Very little documentation exists on Moore and Eddy 3. Based on available data and offset experience it is estimated that 5-3/16” production casing was run to a TD of approximately 2,248’. Surface casing is most likely 8-1/4” run to approximately 791’

**Capacities**

| SIZE    | WEIGHT | CAPACITY (GAL/FT) | CAPACITY (BBL/FT) | CAPACITY (CU FT/FT) |
|---------|--------|-------------------|-------------------|---------------------|
| 10*     | N/A    | 4.192             | 0.0998            | 0.5603              |
| 8 1/4*  | N/A    | 2.738             | 0.0652            | 0.3659              |
| 6 5/8*  | N/A    | 1.536             | 0.0365            | 0.2052              |
| 5 3/16* | N/A    | 1.038             | 0.0247            | 0.1387              |
| 2 3/8*  | 4.7#   | 0.16239           | 0.00387           | 0.02171             |

\*The asterisks represent sizes where estimates were used to produce the capacity data. For the 10” casing the capacity of a 35.75#/Ft. 10 ¾” casing was used. For the 8 ¼” casing capacities a 20#/Ft. 8 5/8” casing was used. For the 5 3/16” casing capacities a 13#/Ft. 5 ½” casing was used.

RECEIVED  
Office of Oil and Gas

OCT 14 2013

WV Department of Environmental Protection

**Driving Directions**

From Route 7 turn onto Pedlar run road for 3.2 miles then stay right on Pedlar run road look for gate on the right.

RECEIVED  
Office of Oil and Gas

OCT 14 2016

WV Department of  
Environmental Protection

WW-4A  
Revised 6-07

1) Date: 9/28/2016  
2) Operator's Well Number  
J.S. Walker 2

3) API Well No.: 47 - 061 - 00448

**STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL**

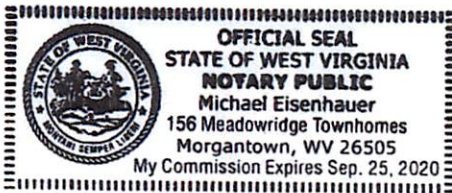
|  |   |
|--|---|
| <b>4) Surface Owner(s) to be served:</b>           | <b>5) (a) Coal Operator</b>                               |
| (a) Name <u>David P. Walker and Nancy Facemire</u> | Name _____  |
| Address <u>431 Statler Run Road</u>                | Address _____   |
| <u>Fairview, WV 26570</u>                          |   |
| (b) Name <u>Mary H. Walker</u>                     | (b) Coal Owner(s) with Declaration                        |
| Address <u>1611 South Pamona D-11</u>              | Name <u>Murray Energy Company LLC - Attn: Alex O'Neil</u> |
| <u>Fullerton, CA 92832</u>                         | Address <u>46226 Naitonal Road</u>                        |
|  | <u>St. Clairsville, OH 43950</u>                          |
| (c) Name <u>Joyce Bennet</u>                       | Name <u>Consol Mining Company LLC - Attn: Analyst</u>     |
| Address <u>1790 Jakes Run Road</u>                 | Address <u>CNX Center, 1000 Consol Energy Drive</u>       |
| <u>Fairview, WV 26570</u>                          | <u>Canonsburg, PA 15317</u>                               |
| <b>6) Inspector</b> <u>Gayne Knitowski</u>         | (c) Coal Lessee with Declaration                          |
| Address <u>P.O. Box 2</u>                          | Name _____  |
| <u>Moundsville, WV 26041</u>                       | Address _____   |
| Telephone <u>304-546-8171</u>                      |   |

**TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:**

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.



Well Operator NNE Resources LLC  
 By: Zack Arnold  
 Its: General Manager-Operations  
 Address 707 Virginia Street East, Suite 1200  
Charleston, WV 25301  
 Telephone 304-212-0437

RECEIVED  
Office of Oil and Gas

OCT 14 2016

Subscribed and sworn before me this 14 day of October, 2016  
Michael Eisenhauer / M Eisenhauer Notary Public  
My Commission Expires 9/25/2020

**Oil and Gas Privacy Notice**

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a 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 of your personal information, please contact DEP's Chief Privacy Officer at [depprivacyoffier@wv.gov](mailto:depprivacyoffier@wv.gov).

12/16/2016



WW-9  
(2/15)

API Number 47 - 061 - 00448  
Operator's Well No. J.S. Walker 2

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name NNE Resources LLC OP Code 494511469

Watershed (HUC 10) Dunkard Creek Quadrangle Blacksville 7.5'

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: \_\_\_\_\_

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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection ( UIC Permit Number See attachment )
- Reuse (at API Number See attachment )
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

Will closed loop system be used? If so, describe: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Freshwater/gel

-If oil based, what type? Synthetic, petroleum, etc. N/A

Additives to be used in drilling medium? Bentonite

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Remove offsite

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

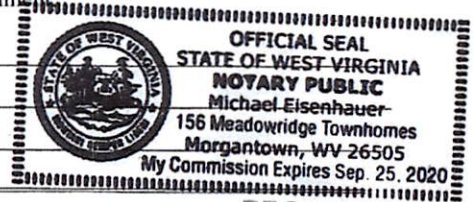
-Landfill or offsite name/permit number? see attachment

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 [Signature]  
Company Official (Typed Name) Zack Arnold  
Company Official Title General Manager-Operations



Subscribed and sworn before me this 14 day of October, 2016 Office of Oil and Gas

Michael Eisenhauer / [Signature] Notary Public

My commission expires 9/25/2020

RECEIVED  
Office of Oil and Gas  
OCT 14 2015  
WV Department of Environmental Protection  
12/16/2016

**NNE Resources LLC**

Proposed Revegetation Treatment: Acres Disturbed 0.90+- Prevegetation pH TBD

Lime 2 Tons/acre or to correct to pH 7

Fertilizer type 19-19-19

Fertilizer amount 200 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        |
| Tertraploid Perennial Rye | 16       | Tertraploid Perennial Rye | 16       |
| Timothy 15 Annual Rye     | 15       | Timothy 15 Annual Rye     | 15       |

Attach:

Drawing(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided)

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: \_\_\_\_\_

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

RECEIVED  
Office of Oil and Gas

OCT 14 2016

WV Department of  
Environmental Protection

Title: \_\_\_\_\_ Date: \_\_\_\_\_

Field Reviewed? ( ) Yes ( ) No

## Attachment A to WW-9

Northeast Natural Energy LLC (“NNE”) plans to utilize a closed loop process for the plugging of the J.S. Walker 2 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.

J.S. Walker 2 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 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:

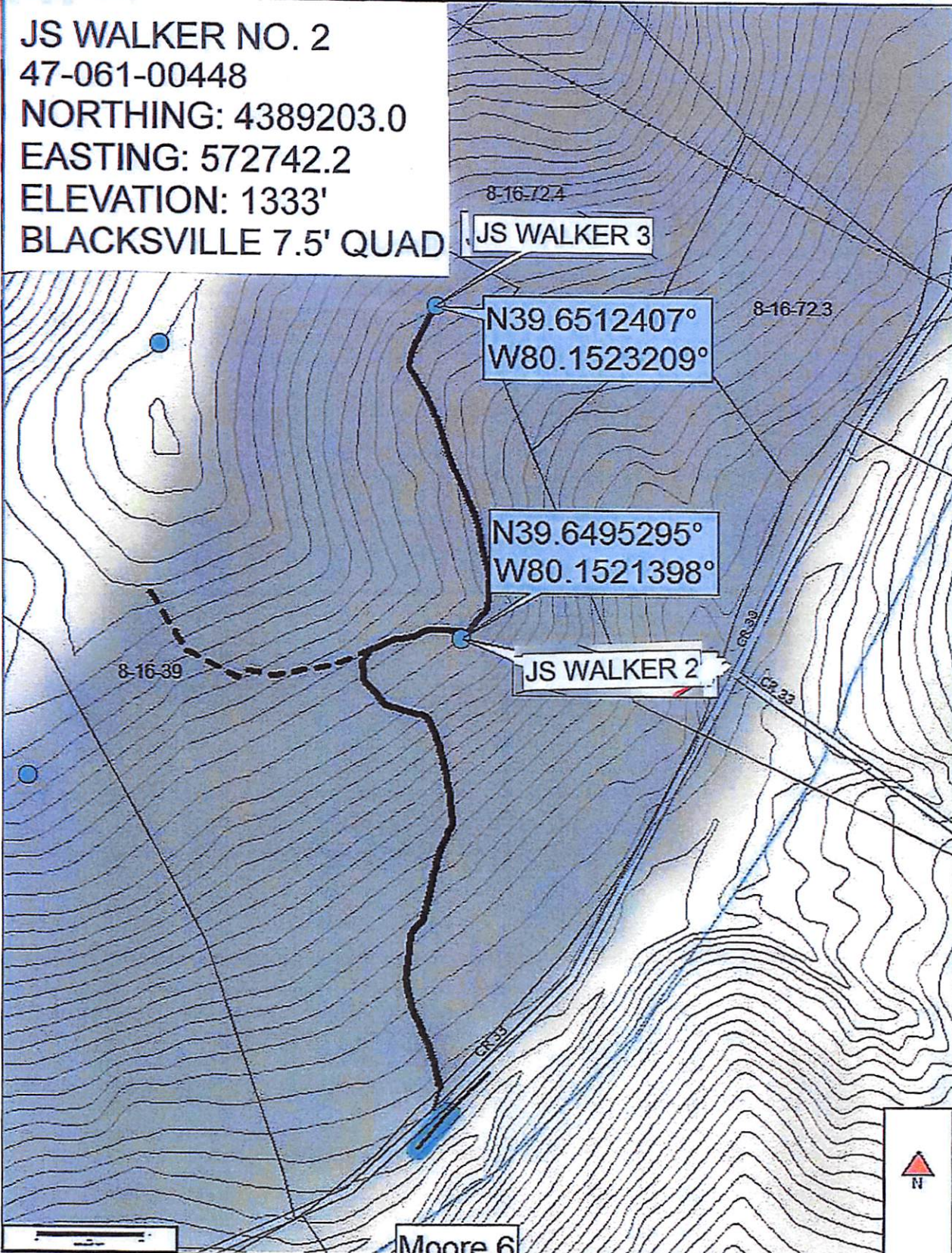
- Fairmont Brine Processing (WV NPDES #0116408)
- Green Hunter M. E. Elder 1 Disposal Well (Permit # 47-085-05151)
- Green Hunter Mason 1 Disposal Well (Permit #47-085-09721)
- Green Hunter Warren Disposal Well (Permit #34-121-2-3995)
- Green Hunter Travis Unit Disposal Well (Permit #34-121-2-4086)
- 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)

RECEIVED  
Office of Oil and Gas

OCT 14 2016

WV Department of Environmental Protection  
12/16/2016

JS WALKER NO. 2  
 47-061-00448  
 NORTHING: 4389203.0  
 EASTING: 572742.2  
 ELEVATION: 1333'  
 BLACKSVILLE 7.5' QUAD



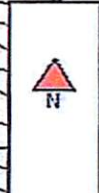
JS WALKER 3

$N39.6512407^\circ$   
 $W80.1523209^\circ$

$N39.6495295^\circ$   
 $W80.1521398^\circ$

JS WALKER 2

Moore 6



Data use subject to license.

© DeLorme. XMap® 7.

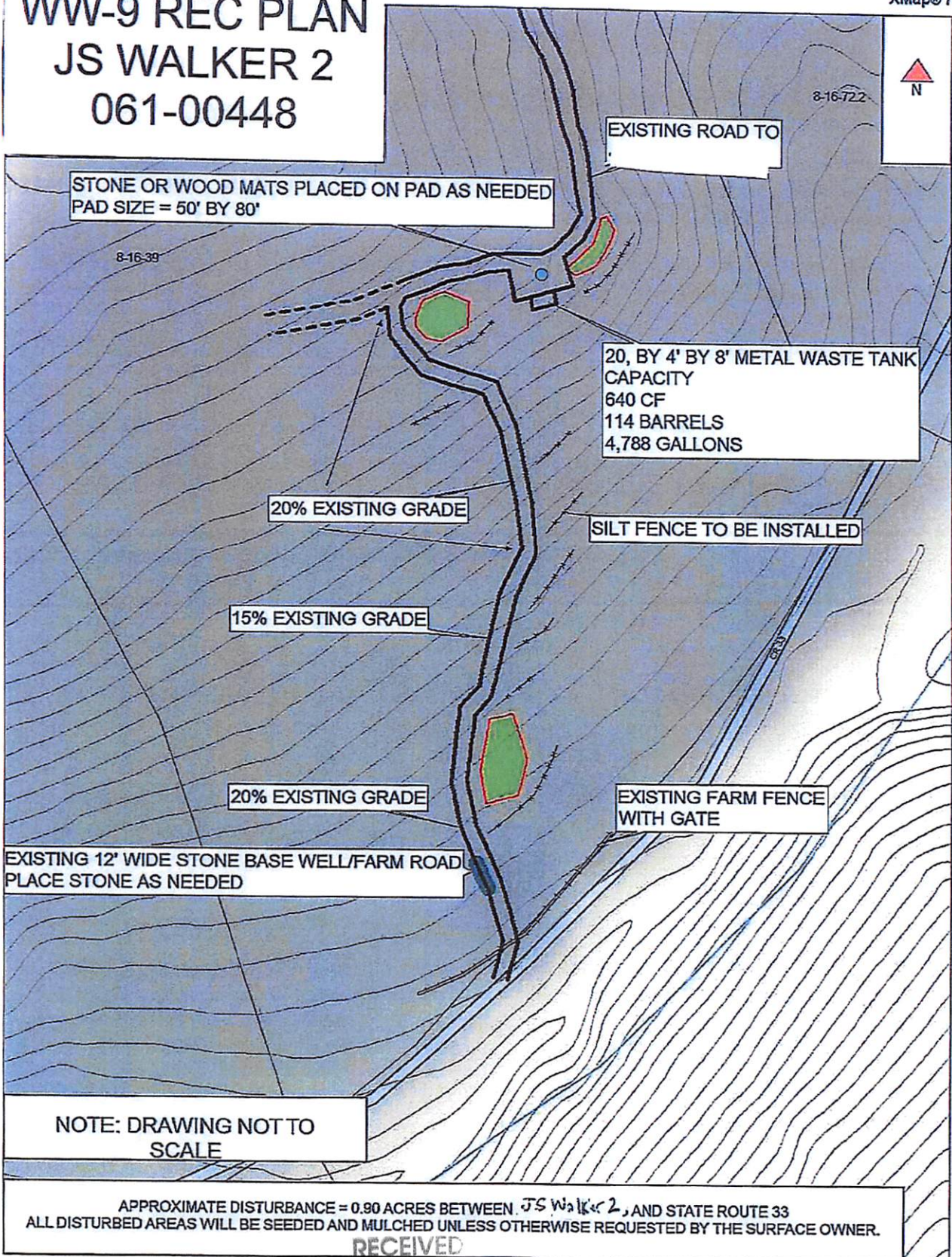
www.delorme.com

RECEIVED  
 Office of Oil and Gas

OCT 14 2015

# WW-9 REC PLAN JS WALKER 2 061-00448

XMap® 7



STONE OR WOOD MATS PLACED ON PAD AS NEEDED  
PAD SIZE = 50' BY 80'

EXISTING ROAD TO

20, BY 4' BY 8' METAL WASTE TANK  
CAPACITY  
640 CF  
114 BARRELS  
4,788 GALLONS

20% EXISTING GRADE

SILT FENCE TO BE INSTALLED

15% EXISTING GRADE

20% EXISTING GRADE

EXISTING FARM FENCE  
WITH GATE

EXISTING 12' WIDE STONE BASE WELL/FARM ROAD  
PLACE STONE AS NEEDED

NOTE: DRAWING NOT TO  
SCALE

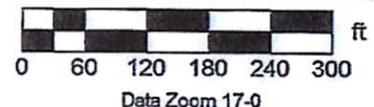
APPROXIMATE DISTURBANCE = 0.90 ACRES BETWEEN JS Walker 2, AND STATE ROUTE 33  
ALL DISTURBED AREAS WILL BE SEEDED AND MULCHED UNLESS OTHERWISE REQUESTED BY THE SURFACE OWNER.

RECEIVED

Data use subject to license.  
© DeLorme. XMap® 7.  
www.delorme.com

Office of Oil and Gas

OCT 14 2016



WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas  
**WELL LOCATION FORM: GPS**

API: 47-061-00448 WELL NO.: 2  
FARM NAME: J.S. Walker  
RESPONSIBLE PARTY NAME: NNE Resources LLC  
COUNTY: Monongalia DISTRICT: Clay  
QUADRANGLE: Blacksville 7.5'  
SURFACE OWNER: David P. Walker, et al  
ROYALTY OWNER: Linda Kay Tennant, et al  
UTM GPS NORTHING: 4389203.0  
UTM GPS EASTING: 572742.2 GPS ELEVATION: 1333'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS \_\_\_\_\_: Post Processed Differential \_\_\_\_\_  
Real-Time Differential \_\_\_\_\_

Mapping Grade GPS X: Post Processed Differential \_\_\_\_\_  
Real-Time Differential X

4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

[Signature]  
Signature

General Manager - Operations  
Title

14 OCT 2016  
Date

RECEIVED  
Office of Oil and Gas

OCT 14 2016

WV Department of  
Environmental Protection



northeast  
NATURAL ENERGY

TALKED TO  
HOLLIE ON 9/14/16  
SHE WILL GET BACK  
TO ME.

July 20, 2016

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

Re: Plugging Permit Applications

Dear Permit Reviewer,

Please find enclosed two (2) applications for plugging of a well situated in Monongalia County, WV. This application includes: Moore Eddy No. 3 (API: 47-061-00505) and J.S. Walker 2 (API: 47-061-00448).

Please note that both wells will be accessed by an existing WV DOH permit identified as #04-2016-0499.

Should you have any questions please contact me at 304.212.0422 or by email at [hmedley@nne-llc.com](mailto:hmedley@nne-llc.com).

Sincerely,

Hollie M. Medley  
Regulatory Coordinator

RECEIVED  
Office of Oil and Gas  
JUL 21 2016  
WV Department of  
Environmental Protection

## SCOPE OF OPERATION

1. Safety is the highest priority. Control costs and avoid unnecessary expenditures.
2. Attempt to cut or pull all recoverable casing.
3. TIH with 1½" tubing to estimated TD of 2,250'.
4. Pump cement and gel plugs per state requirements.
5. Bury and plat a well monument with WV State API number.

## PROCEDURE

- 1) Safety is the number one priority. Well site safety meetings will be held before each major operation
- 2) MIRU construction equipment and remove any tanks, separators, well lines, meter runs, exc.
- 3) MIRU service rig & needed BOP equipment
- 4) TOOH strapping rods and tubing
- 5) TIH strapping 1½" tubing to PBTD'
- 6) Pump 20 sks of Class A cement (150' cement plug), displace cement plug
- 7) TOOH with 1½" tubing
- 8) RIH with Mechanical Ripper on sand line to 1,600' and attempt to rip and retrieve 5 3/16" casing.
- 9) If Mechanical Ripper is not successful, contact NNE representative to discuss wire line options
- 10) TOOH with 5 3/16" casing and tally out
- 11) RIH and perforate 8¼" casing
- 12) RIH with Mechanical Ripper on sand line to rip 8¼" casing above free point and perforations
- 13) TIH with 1½" tubing
- 14) Pump cement from 1,650' to above 8¼" perfs
- 15) TOOH with 1½" tubing

RECEIVED  
Office of Oil and Gas

JUL 21 2016

WV Department of  
Environmental Protection



- 16) TOOH with 8¼” casing
- 17) RIH with 1½” tubing
- 18) Cement to surface
- 19) Cut all casing 36 inches below GL. Install a monument to WV state requirements
- 20) RDMO all service equipment providers and reclaim location to WV State requirements

**Well Record Procedure**

NNE Resources LLC researched the proposed well for plug and abandonment using the following information centers:

- The DEP office at 601-57<sup>th</sup> Street, Charleston, WV 25304
- The DEP online database for Oil and Gas Wells for production and well data
- Titlemaps.com for lease information.
- Research well files provided by previous operator.

**Well Data**

SHOULD BE MOORE AND EDDY 4

Very little documentation exists on Moore and Eddy<sup>A</sup>. Based on available data and offset experience it is estimated that 5-3/16” production casing was run to a TD of approximately 2,248’. Surface casing is most likely 8-1/4” run to approximately 791’

**Capacities**

| SIZE    | WEIGHT | CAPACITY (GAL/FT) | CAPACITY (BBL/FT) | CAPACITY (CU FT/FT) |
|---------|--------|-------------------|-------------------|---------------------|
| 10*     | N/A    | 4.192             | 0.0998            | 0.5603              |
| 8 1/4*  | N/A    | 2.738             | 0.0652            | 0.3659              |
| 6 5/8*  | N/A    | 1.536             | 0.0365            | 0.2052              |
| 5 3/16* | N/A    | 1.038             | 0.0247            | 0.1387              |
| 2 3/8*  | 4.7#   | 0.16239           | 0.00387           | 0.02171             |

\*The asterisks represent sizes where estimates were used to produce the capacity data. For the 10” casing the capacity of a 35.75#/Ft. 10 ¾” casing was used. For the 8 ¼” casing capacities a 20#/Ft. 8 5/8” casing was used. For the 5 3/16” casing capacities a 13#/Ft. 5 ½” casing was used.

RECEIVED  
Office of Oil and Gas

JUL 11 2016

WV Department of  
Environmental Protection

1) Date July 18th, 2016  
2) Operator's  
Well No. Moore Eddy No. 3  
3) API Well No. 47-061 - 00505

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 X or Underground storage \_\_\_) Deep \_\_\_ / Shallow X

5) Location: Elevation 1333' feet Watershed Dunkard Creek  
District Clay County Monongalia Quadrangle Blacksville 7.5'

6) Well Operator NNE Resources LLC 7) Designated Agent Zack Arnold  
Address 707 Virginia Street East, Suite 1200 Address 48 Donley Street, Suite 601  
Charleston, WV 25301 Morgantown, WV 26501

8) Oil and Gas Inspector to be notified Name Gayne Knitowski  
Address P.O. Box 2  
Moundsville, WV 26041  
9) Plugging Contractor Name TBD  
Address \_\_\_\_\_

10) Work Order: The work order for the manner of plugging this well is as follows:

Ensure all necessary erosion and sediment control devices are in place.

Perform necessary earth work to establish access and work area for rig and equipment.

RIH with open ended tubing to determine PBTD. *SHOT HOLE* *SHOT GEL TO ABOVE SHOT.*

Attempt to remove all casing by pulling a minimum of 150% of casing string weight.

If casing will not pull out, cut and remove as much casing as possible.

Log well to determine casing and coal depth. Spot expandable cement from PBTD to 100' below coal to set a solid cement plug.

Set a solid cement plug 100' above coal. WOC expandable cement to harden. Top off well to surface with Class A cement with no more than 3% CaCl2 and no other additives.

Place a well monument with API number on spot of well. Reclaim site. After 70% growth is observed remove any remaining erosion and sediment controls.

*★ SEE NOTE ON WELL CONSTRUCTION PAGE*

RECEIVED  
Office of Oil and Gas

JUL 21 2016

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

WV Department of Environmental Protection

Work order approved by inspector

*Gayne Knitowski*

Date

*7/18/2016*

Operator: NNE RESOURCES LLC  
API: 6100505  
WELL No: 3  
Reviewed by: JMM Date: 9/6/16  
15 Day End of Comment: 07/26/16

### CHECKLIST FOR FILING A PERMIT

#### Plugging

- WW-4B
- Inspector signature on WW-4B
- Completion / Well Records of Previous Work
- WW-4A (Notarized)
- Certified Mail Receipts, Waivers, or Affidavits of Personal Service
- Surface Owner Waiver
- Coal Owner / Lessee /Operator Waiver
- WW-9 (Page 1) (Notarized)
- Inspector Signature on WW-9 (Optional)
- Topographic Map of location of well
- WW-7

#### OR

- Mylar Plat (Surface owner on plat matches WW-4A)
- Bond
- Company is Registered with the SOS
- Worker's Compensation / Unemployment Insurance account is OK
- ~~\$100.00~~ check (\$0.00 if no pit)

12/16/2016



**Moore and Eddy 3**  
**Clay District, Monongalia County, WV**  
**API Number: 47-061-00505**  
**AFE Number: TBD**  
**Plugging Procedure**

July 11, 2016

**Discussion**

Approval is requested to perform the initial plugging on the Moore and Eddy <sup>4</sup>3 well. The well is a vertical shallow well located in Clay District, Monongalia County, WV. This well was drilled to a depth of 2,248'. Production from this well has been very low for numerous years. The Moore and Eddy <sup>4</sup>3 is recommended to be plugged and abandoned.

**Plug and Abandonment Procedure:**

1. Ensure all necessary erosion and sediment control devices are in place.
2. Perform necessary earth work to establish access and work area for rig and equipment.
3. RIH with open ended tubing to determine PBTD.
4. Attempt to remove all casing by pulling a minimum of 150% of casing string weight.
5. If casing will not pull out, cut and remove as much casing as possible.
6. Log well to determine casing and coal depth.
7. Spot expandable cement from PBTD to 100' below coal to set solid cement plug.
8. Set a solid cement plug 100' above coal.
9. WOC expandable cement to harden.
10. Top off well to surface with Class A cement with no more than 3% CaCl<sub>2</sub> and no other additives.
11. Place well monument with API number on spot of well.
12. Reclaim site.
13. After 70% growth is observed remove any remaining erosion and sediment controls.

RECEIVED  
Office of Oil and Gas

JUL 21 2016

WV Department of  
Environmental Protection



Records Provided By OO & G.  
JWM

FORM-OP-77  
Reverse

| API (PERMIT) NUMBER | FARM NAME       | OPERATOR'S WELL NUMBER |
|---------------------|-----------------|------------------------|
| 47-061-0516         | Albert Tennant  | 1 11195                |
| 47-061-0517         | Albert Tennant  | 3 96                   |
| 47-061-0465         | J. G. Conaway   | 2 97                   |
| 47-061-0475         | D. J. Eddy      | 3 98                   |
| 47-061-0477         | D. J. Eddy      | 6 99                   |
| 47-061-0478         | D. J. Eddy      | 7 16200                |
| 47-061-0479         | D. J. Eddy      | 8 16201                |
| 47-061-0480         | D. J. Eddy      | 9 202                  |
| 47-061-0482         | D. J. Eddy      | 11 03                  |
| 47-061-0483         | D. J. Eddy      | 12 4                   |
| 47-061-0484         | D. J. Eddy      | 13 5                   |
| 47-061-0485         | D. J. Eddy      | 14 6                   |
| 47-061-0486         | D. J. Eddy      | 15 7                   |
| 47-061-0487         | D. J. Eddy      | 16 8                   |
| 47-061-0448         | J. S. Walker    | 2 9                    |
| 47-061-0449         | J. S. Walker    | 3 16210                |
| 47-061-0450         | J. S. Walker    | 4 11                   |
| 47-061-0504         | Moore and Eddy  | 2 12                   |
| 47-061-0505         | Moore and Eddy  | 4 13                   |
| 47-061-0506         | Moore and Eddy  | 5 14                   |
| 47-061-0507         | Moore and Eddy  | 6 15                   |
| 47-061-0488         | E. W. Eddy      | 2 16                   |
| 47-061-0525         | Nimrod Tennant  | 6 17                   |
| 47-061-0526         | Nimrod Tennant  | 7 18                   |
| 47-061-0446         | Kash Wright     | 1 19                   |
| 47-061-0523         | Malinda Tennant | 3 20                   |
| 47-061-0522         | Ezra Tennant    | 2 21                   |
| 47-061-0443         | John W. Wright  | 14 22                  |
| 47-061-0529         | Nancy Tennant   | 1 23                   |
| 47-061-0530         | Nancy Tennant   | 2 24                   |
| 47-061-0531         | Nancy Tennant   | 3 25                   |
| 47-061-0518         | Alpha Tennant   | 1 26                   |
| 47-061-0514         | Minnie V. Sturm | 1 27                   |

12/16/2016

IV-39-WC

REPORT OF MONTHLY PRODUCTION  
GAS VOLUMES IN MCF @ 14.73  
OIL IN BARRELS @ 60 DEGREES

REPORT DATE 7/25/80

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
DIVISION OF OIL AND GAS

OPERATOR Pennzoil Company

YEAR 1979  
47-103-0505

FARM Moore & Eddy COUNTY Monongalia

AVG. FLOW PRESSURE SHUT-IN PRESSURE

TOTALS

|              |      |      |      |      |      |      |      |      |      |      |      |      |     |      |
|--------------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|
| GAS MCF      | 129  | 183  | 230  | 160  | 138  | 196  | 236  | 222  | 206  | 253  | 208  | 207  | GAS | 2404 |
| OIL BBL      | J-24 | F-18 | M-30 | A-24 | M-16 | J-24 | J-24 | A-23 | S-24 | O-14 | N-17 | D-23 | OIL | 261  |
| DAYS ON-LINE | 31   | 28   | 31   | 30   | 31   | 30   | 31   | 31   | 30   | 31   | 30   | 31   |     |      |

YEAR 1980  
47-103-0505

FARM Moore & Eddy COUNTY Monongalia

AVG. FLOW PRESSURE SHUT-IN PRESSURE

TOTALS

|              |      |      |      |      |      |      |  |  |  |  |  |  |     |  |
|--------------|------|------|------|------|------|------|--|--|--|--|--|--|-----|--|
| GAS MCF      | 259  | 154  | 238  | 248  | 204  | 166  |  |  |  |  |  |  | GAS |  |
| OIL BBL      | J-27 | F-17 | M-23 | A-13 | M-29 | J-20 |  |  |  |  |  |  | OIL |  |
| DAYS ON-LINE | 31   | 29   | 31   | 30   | 31   | 30   |  |  |  |  |  |  |     |  |

SUMMARIZATION SCHEDULE  
Section 271.804 (b)

In accordance with Section 271.804 (b) please list all other wells which are to be used in determining this well classification under Part 271-Subpart II.

API NUMBERS

PARTICIPANTS:

DATE: JAN 28 1981

BUYER-SELLER CODE

WELL OPERATOR:

Pennzoil Company

014730

FIRST PURCHASER:

Not Dedicated

OTHER:

W. Va. Department of Mines, Oil & Gas Division  
WELL DETERMINATION FILE NUMBER

*Qualifies F. Huzzey*

80-08-27-108-061 = 0505

Use Above File Number on all Communications  
Relating to Determination of this Well

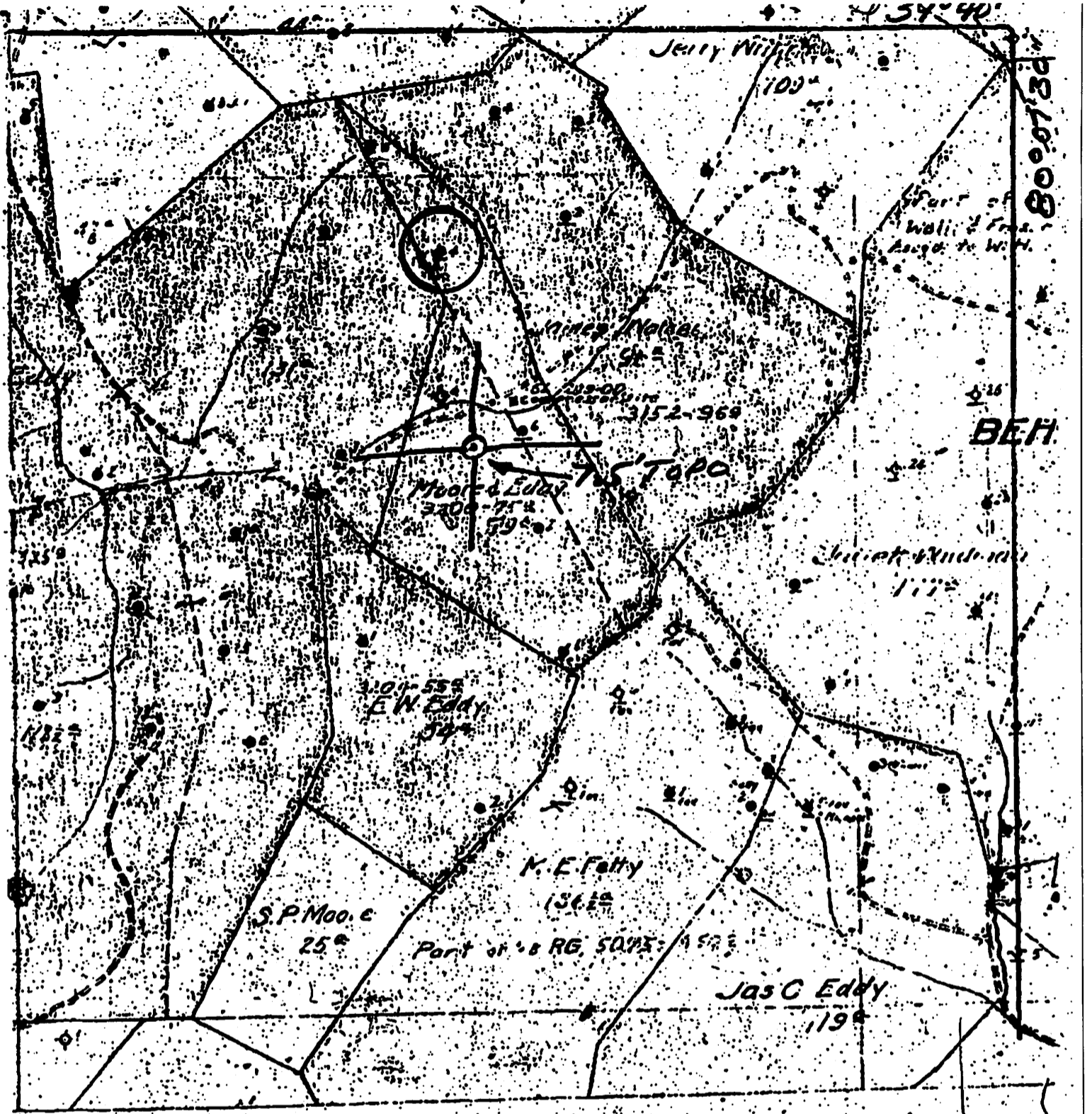
CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

- 1. FERC -121  Items not completed - Line No. \_\_\_\_\_
- 2. IV-1 Agent  James A. Crews
- 3. IV-2 Well Permit \_\_\_\_\_
- 4. IV-6 Well Plat
- 5. IV-35 Well Record  Drilling  Deepening \_\_\_\_\_
- 6. IV-36 Gas-Oil Test:  Gas Only \_\_\_\_\_ Was Oil Produced? \_\_\_\_\_ Ratio \_\_\_\_\_
- 7. IV-39 Annual Production \_\_\_\_\_ years
- 8. IV-40 90 day Production 91 Days off line: \_\_\_\_\_
- 9. IV-48 Application for certification. Complete?
- 17. IV Form 51 - 52 - 53 - 54 - 55 - (56) - 57 - 58 Complete?  Affidavit Signed
- 28. Other: Survey \_\_\_\_\_ Logs \_\_\_\_\_ Geological Charts \_\_\_\_\_  
Structure Map \_\_\_\_\_ 1: 4000 Map \_\_\_\_\_ Well Tabulations \_\_\_\_\_  
Gas Analyses \_\_\_\_\_
- (5) Date commenced: N.A. Date completed 12-16-1892 Deepened \_\_\_\_\_
- (5) Production Depth: 2160-2248
- (5) Production Formation: Big Injin
- (5) Final Open Flow: N.A.
- (5) After Frac. R. P. N.A.
- (6) Other Gas Test: \_\_\_\_\_
- (7) Avg. Daily Gas from Annual Production:  $\frac{2629}{365} = 7.2$  MCF, oil  $\frac{258}{365} = 0.6$  BBL
- (8) Avg. Daily Gas from 90-day ending w/1-120 days 618 =  $6.8$  MCF, oil  $\frac{61}{91} = 0.6$  BBL
- (8) Line Pressure: N.A. PSIG from Daily Report \_\_\_\_\_
- (5) Oil Production: N.O. From Completion Report \_\_\_\_\_
- 17. Does lease inventory indicate enhanced recovery being done N.O.
- 17. Is affidavit signed?  Notarized?
- Does official well record with the Department confirm the submitted information? N.O.
- Additional information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_
- Determination Objected to \_\_\_\_\_ By Whom? \_\_\_\_\_

12/16/2016

*T.S.*





(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

DATE 1-24-1977  
 OPERATOR'S WELL NO. 4  
 API WELL NO. 47-061-0585  
 STATE COUNTY PERMIT

N72E N13 E36 STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS", PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION \_\_\_\_\_ WATER SHRD JACKS RUN  
 DISTRICT CLAY COUNTY MONONGALIA  
 QUADRANGLE BLACKSVILLE 7.5'

SURFACE OWNER \_\_\_\_\_ ACREAGE \_\_\_\_\_  
 OIL & GAS ROYALTY OWNER \_\_\_\_\_ LEASE ACREAGE \_\_\_\_\_  
 LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUS OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON  CLEAN OUT AND REPLUG

TARGET FORMATION \_\_\_\_\_ ESTIMATED DEPTH \_\_\_\_\_

WELL OPERATOR Pennzoil Company DESIGNATED AGENT James A. Crews  
 ADDRESS P. O. Box 1588 Parkersburg, WV 26101 ADDRESS P. O. Box 1588 Parkersburg, WV 26101

12/16/2016

MOORE & EDDY - 4

6100505P

WW-4A  
Revised 6-07

1) Date: 7/18/2016  
2) Operator's Well Number  
Moore Eddy No. 3  
3) API Well No.: 47 - 061 - 00505

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL**

|  |   |
|--|---|
| 4) Surface Owner(s) to be served:                    | 5) (a) Coal Operator  |
| (a) Name <u>David P. Walker and Nancy Facemire</u> ✓ | Name _____  |
| Address <u>431 Statler Run Road</u>                  | Address _____   |
| <u>Fairview, WV 26570</u>                            |   |
| (b) Name <u>Mary H. Walker</u> ✓                     | (b) Coal Owner(s) with Declaration                          |
| Address <u>1611 South Pamona D-11</u>                | Name <u>Murray Energy Company LLC - Attn: Alex O'Neil</u> ✓ |
| <u>Fullerton, CA 92832</u>                           | Address <u>46226 Naitonal Road</u>                          |
|  | <u>St. Clairsville, OH 43950</u>                            |
| (c) Name <u>Joyce Bennet</u> ✓                       | Name <u>Consol Mining Company LLC - Attn: Analyst</u> ✓     |
| Address <u>1790 Jakes Run Road</u>                   | Address <u>CNX Center, 1000 Consol Energy Drive</u>         |
| <u>Fairview, WV 26570</u>                            | <u>Canonsburg, PA 15317</u>                                 |
| 6) Inspector <u>Gayne Knitowski</u>                  | (c) Coal Lessee with Declaration                            |
| Address <u>P.O. Box 2</u>                            | Name _____  |
| <u>Moundsville, WV 26041</u>                         | Address _____   |
| Telephone <u>304-546-8171</u>                        |   |

**TO THE PERSONS NAMED ABOVE:** You should have received this Form and the following documents:


- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.



Well Operator NNE Resources LLC

By: Zack Arnold 

Its: General Manager-Operations

Address 707 Virginia Street East, Suite 1200

Charleston, WV 25301

Telephone 304-212-0437

RECEIVED  
Office of Oil and Gas

JUL 21 2016

Subscribed and sworn before me this 18<sup>th</sup> day of July 2016

Seth Jarvis Notary Public

My Commission Expires Oct 12, 2021

**Oil and Gas Privacy Notice**

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a 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 of your personal information, please contact DEP's Chief Privacy Officer at [depprivacyoffier@wv.gov](mailto:depprivacyoffier@wv.gov).

12/16/2016

6100505P

WW-9  
(2/15)

API Number 47 - 061 - 00505  
Operator's Well No. Moore Eddy No. 3

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name NNE Resources LLC OP Code 494511469

Watershed (HUC 10) Dunkard Creek Quadrangle Blacksville 7.5'

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: \_\_\_\_\_

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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection ( UIC Permit Number See attachment )
- Reuse (at API Number See attachment )
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

Will closed loop system be used? If so, describe: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Freshwater/gel

-If oil based, what type? Synthetic, petroleum, etc. N/A

Additives to be used in drilling medium? Bentonite

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Remove offsite

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

-Landfill or offsite name/permit number? see attachment

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 [Signature]  
Company Official (Typed Name) Zack Arnold  
Company Official Title General Manager-Operations



RECEIVED  
Office of Oil and Gas

Subscribed and sworn before me this 18<sup>th</sup> day of July, 20 16

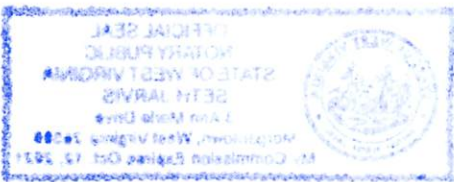
[Signature]

Notary Public  
WV Department of Environmental Protection

My commission expires Oct 12, 2021

12/16/2016

9-20-2016



12/16/2016

**NNE Resources LLC**

Proposed Revegetation Treatment: Acres Disturbed 0.90+- Prevegetation pH TBD

Lime 2 Tons/acre or to correct to pH 7

Fertilizer type 19-19-19

Fertilizer amount 200 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

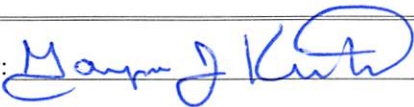
| Temporary                 |          | Permanent                 |          |
|---------------------------|----------|---------------------------|----------|
| Seed Type                 | lbs/acre | Seed Type                 | lbs/acre |
| Orchard Grass             | 46       | Orchard Grass             | 46       |
| Red Clover                | 8        | Red Clover                | 8        |
| Tertraploid Perennial Rye | 16       | Tertraploid Perennial Rye | 16       |
| Timothy                   | 15       | Timothy                   | 15       |
| Annual Rye                | 15       | Annual Rye                | 15       |

Attach:

Drawing(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided)

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by:



Comments:

Title: Inspector

Date: 7/18/2016

Field Reviewed? (  ) Yes (  ) No

RECEIVED  
Office of Oil and Gas

JUL 21 2016

Attachment A to WW-9

Northeast Natural Energy LLC ("NNE") plans to utilize a closed loop process for the plugging of the Moore Eddy No. 3 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.

Moore Eddy No. 3 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 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) and Gas
- Appalachian Oil Purchaser BW#4 Disposal Well (Permit # 2D0732523)

RECEIVED  
JUL 21 2016

# WW-9 REC PLAN MOORE EDDY 3-4 061-00505



8-16-72.2

EXISTING ROAD TO  
JS WALKER 2

STONE OR WOOD MATS PLACED ON PAD AS NEEDED  
PAD SIZE = 50' BY 80'

8-16-39

20, BY 4' BY 8' METAL WASTE TANK  
CAPACITY  
640 CF  
114 BARRELS  
4,788 GALLONS

20% EXISTING GRADE

SILT FENCE TO BE INSTALLED

15% EXISTING GRADE

20% EXISTING GRADE

EXISTING FARM FENCE  
WITH GATE

EXISTING 12' WIDE STONE BASE WELL/FARM ROAD  
PLACE STONE AS NEEDED

NOTE: DRAWING NOT TO  
SCALE

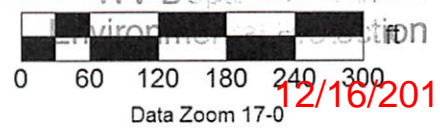
RECEIVED  
Office of Oil and Gas

APPROXIMATE DISTURBANCE = 0.90 ACRES BETWEEN MOORE EDDY 3 AND STATE ROUTE 33  
ALL DISTURBED AREAS WILL BE SEEDED AND MULCHED UNLESS OTHERWISE REQUESTED BY THE SURFACE OWNER.

Data use subject to license.

© DeLorme. XMap® 7.

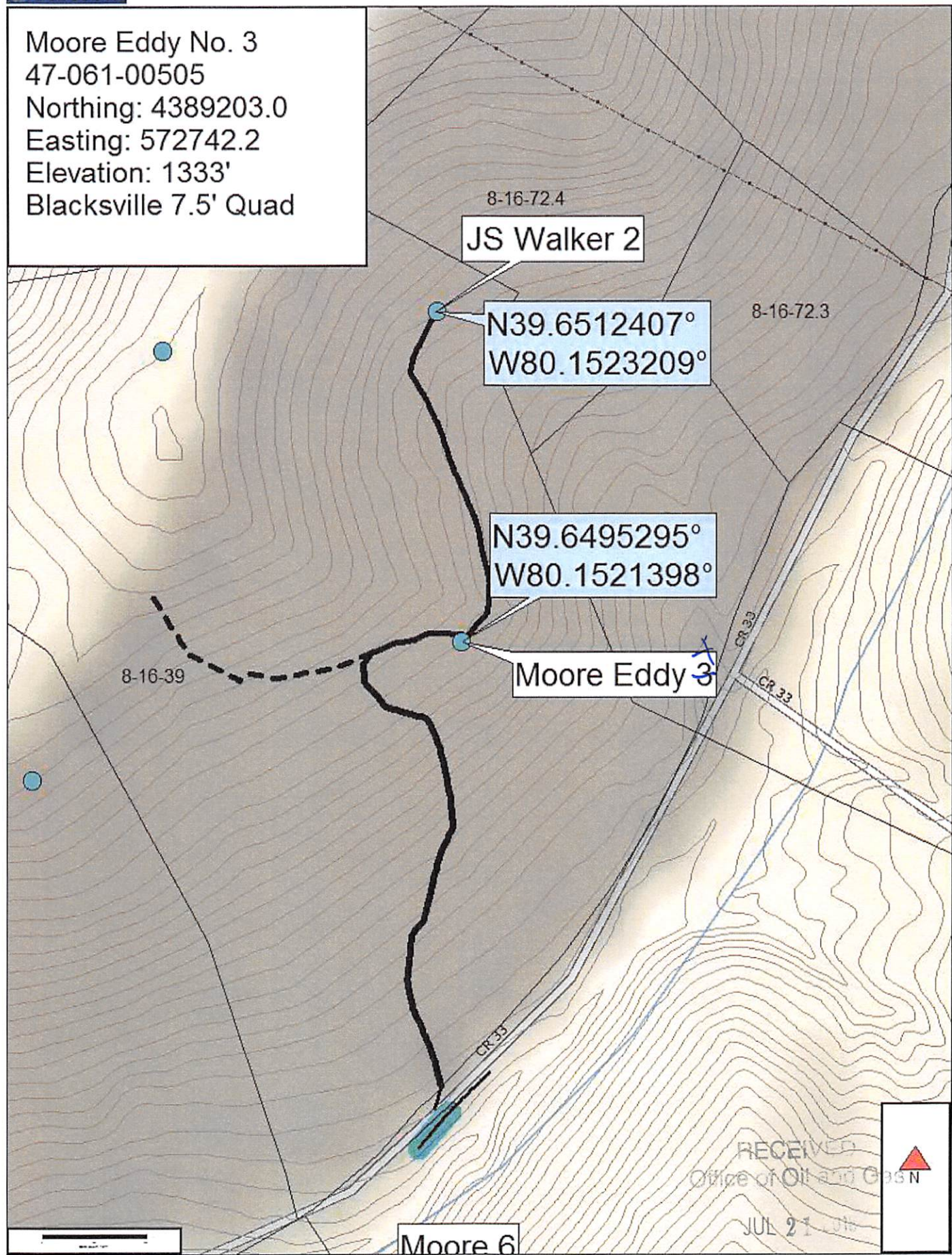
www.delorme.com



12/16/2016

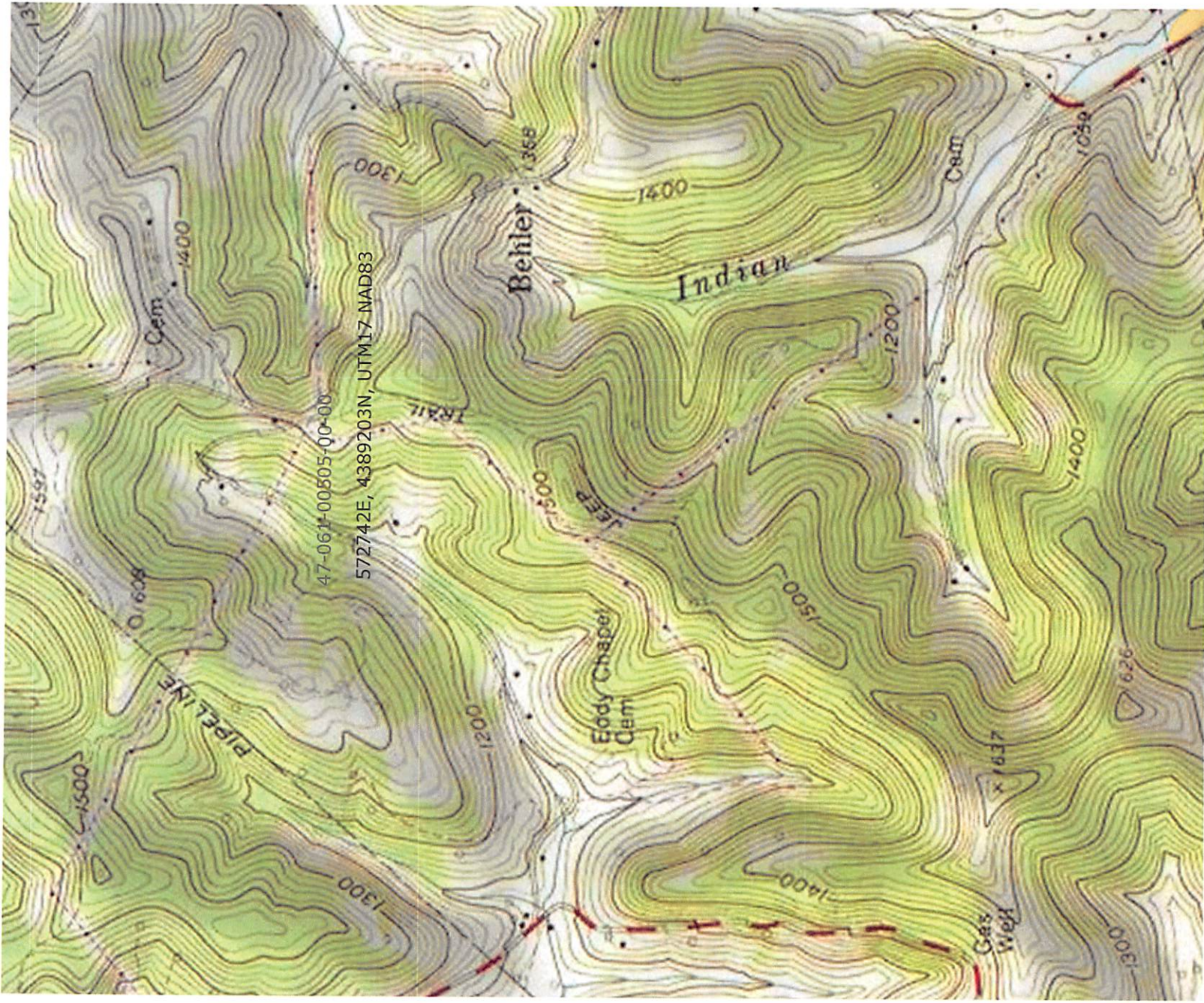
61005050  
XMap® 7

Moore Eddy No. 3  
47-061-00505  
Northing: 4389203.0  
Easting: 572742.2  
Elevation: 1333'  
Blacksville 7.5' Quad





6100505A



61 00505P

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS**

API: 47-061-00505 WELL NO.: 3 4

FARM NAME: Moore Eddy

RESPONSIBLE PARTY NAME: NNE Resources LLC

COUNTY: Monongalia DISTRICT: Clay-3

QUADRANGLE: Blacksville 7.5'-256

SURFACE OWNER: David P. Walker, et al

ROYALTY OWNER: Linda Kay Tennant, et al

UTM GPS NORTHING: 4389203.0

UTM GPS EASTING: 572742.2 GPS ELEVATION: 1333'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:

Survey grade GPS  : Post Processed Differential   
Real-Time Differential

Mapping Grade GPS  : Post Processed Differential   
Real-Time Differential

- Letter size copy of the topography map showing the well location.**

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

  
Signature

General Manager - Operations  
Title

RECEIVED  
Office of Oil and Gas  
JUL 21 2016  
18 30 16  
Date  
WV Department of Environmental Protection

12/16/2016

WV Department of  
Environmental Protection

JUL 21 2016

Office of Oil and Gas

RECEIVED

U.S. Postal Service  
CERTIFIED MAIL® RECEIPT  
Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®

FAIRVIEW, WV 26570

Certified Mail Fee \$3.30

Extra Services & Fees (check box, add fee as appropriate)

|                          |                                     |         |
|--------------------------|-------------------------------------|---------|
| <input type="checkbox"/> | Return Receipt (hardcopy)           | \$11.00 |
| <input type="checkbox"/> | Return Receipt (electronic)         | \$0.00  |
| <input type="checkbox"/> | Certified Mail Restricted Delivery  | \$0.00  |
| <input type="checkbox"/> | Adult Signature Required            | \$0.00  |
| <input type="checkbox"/> | Adult Signature Restricted Delivery | \$0.00  |

Postage \$1.36

Total Postage and Fees \$7.36

MR. DAVID P. WALKER AND  
MS. NANCY FACEMIRE  
431 STATLER RUN ROAD  
FAIRVIEW, WV 26570

PS Form 3800, April 2015 PSN 7530-02-000-9047  
See Reverse for Instructions

07/20/2016  
M037  
9102  
Postmark  
Here  
M037  
9102  
FAIRVIEW WV 26570  
USPS

7015 1520 0000 7813 0897

Moore Eddy 3 - Notice to Plug

6100505 p

12/16/2016



WV Department of  
Environmental Protection

JUL 21 2016

RECEIVED  
Office of Oil and Gas

U.S. Postal Service  
CERTIFIED MAIL® RECEIPT  
Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)

FULLERTON, CA 92832

0337 13

9167 Postmark Here  
JUL 20 2016  
MORGANVILLE, WV

|  |         |
|--|---------|
| Certified Mail Fee   | \$3.30  |
| Extra Services & Fees (check box, add fee as appropriate)    | \$11.00 |
| <input type="checkbox"/> Return Receipt (hardcopy)           | \$0.00  |
| <input type="checkbox"/> Return Receipt (electronic)         | \$0.00  |
| <input type="checkbox"/> Certified Mail Restricted Delivery  | \$0.00  |
| <input type="checkbox"/> Adult Signature Required            | \$0.00  |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$0.00  |
| Postage  | \$1.15  |
| Total Postage and Fees                                       | \$7.15  |

MS. MARY H. WALKER  
1611 SOUTH PAMONA D-11  
FULLERTON, CA 92832

See Reverse for Instructions

PS Form 3800, April 2015 PSN 7530-02-000 9047

7015 1520 0000 7813 0866

Moore Eddy 3 - Notice to Plug

61 00505P

12/16/2016

WV Department of Environmental Protection

JUL 21 2016

RECEIVED  
Office of Oil and Gas

U.S. Postal Service<sup>TM</sup>  
**CERTIFIED MAIL® RECEIPT**  
 Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)<sup>®</sup>

CANONSBURG, PA 15017

Certified Mail Fee \$3.30

Extra Services & Fees (check box, add fee as appropriate)

|                          |                                     |        |
|--------------------------|-------------------------------------|--------|
| <input type="checkbox"/> | Return Receipt (hardcopy)           | \$0.00 |
| <input type="checkbox"/> | Return Receipt (electronic)         | \$0.00 |
| <input type="checkbox"/> | Certified Mail Restricted Delivery  | \$0.00 |
| <input type="checkbox"/> | Adult Signature Required            | \$0.00 |
| <input type="checkbox"/> | Adult Signature Restricted Delivery | \$0.00 |

Postage \$1.15

Total Postage and Fees \$7.15

07/20/2016

MORGANTOWN WV 26505  
 Postmark  
 02  
 9102 13  
 11337

CONSOL MINING COMPANY LLC  
 ENGINEERING & OPERATIONS SUPPORT - COAL  
 ATT: ANALYST  
 1000 CONSOL ENERGY DRIVE  
 CANONSBURG, PA 15317-6506

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7015 1520 0000 7813 0910

Moore Eddy 3 - Notice to Plug

12/16/2016

61 00505

6100505P

Moore Eddy 3 - Notice to Plug

7015 1520 0000 7813 0903

**U.S. Postal Service™**  
**CERTIFIED MAIL® RECEIPT**  
*Domestic Mail Only*

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

**SAINT CLAIRSVILLE, OH 43950**

|  |               |
|--|---------------|
| Certified Mail Fee   | \$3.30        |
| Extra Services & Fees (check box, add fee as appropriate)    | \$2.70        |
| <input type="checkbox"/> Return Receipt (hardcopy)           | \$0.00        |
| <input type="checkbox"/> Return Receipt (electronic)         | \$0.00        |
| <input type="checkbox"/> Certified Mail Restricted Delivery  | \$0.00        |
| <input type="checkbox"/> Adult Signature Required            | \$0.00        |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$0.00        |
| Postage  | \$1.36        |
| <b>Total Postage and Fees</b>                                | <b>\$7.36</b> |

Postmark: 07/20/2016

MURRAY ENERGY CORPORATION  
 ATTN: ALEX P. O'NEILL COAL, OIL & GAS RELATIONS MANAGER  
 46226 NATIONAL ROAD  
 ST. CLAIRSVILLE, OH 53950 43950

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



RECEIVED  
 Office of Oil and Gas  
 JUL 21 2016  
 WV Department of  
 Environmental Protection

12/16/2016