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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

Austin Caperton, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Monday, November 9, 2020  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

NNE RESOURCES LLC  
707 VIRGINIA STREET EAST, SUITE 1200  
CHARLESTON, WV 25301

Re: Permit approval for JS WALKER 4  
47-061-00450-00-00

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

Operator's Well Number: JS WALKER 4  
Farm Name: MARY H. WALKER, JOYCE BI  
U.S. WELL NUMBER: 47-061-00450-00-00  
Vertical Plugging  
Date Issued: 11/9/2020

# 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.

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## CONDITIONS

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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.

WW-4B  
Rev. 2/01

1) Date \_\_\_\_\_, 20\_\_\_\_  
2) Operator's  
Well No. JS Walker 4  
3) API Well No. 47-081 - 450

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 1,470' Watershed Dunkard Creek  
District Clay County Monongalia Quadrangle Blacksville, WV

6) Well Operator NNE Resources 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 9) Plugging Contractor  
Name Gayne Knitowski Name TBD  
Address P.O. Box 108 Address \_\_\_\_\_  
Gorman, WV 26720

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

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 Digitally signed by Gayne Knitowski  
DN: cn=Gayne Knitowski, o=DEPT OF ENVIRONMENTAL PROTECTION, ou=OFFICE OF OIL AND GAS, email=Gayne.Knitowski@dep.wv.gov Date 4-1-2020



# northeast

## NATURAL ENERGY

**JS Walker-4**  
**Monongalia County, WV**  
**API Number: 4706100450**  
**Plugging Procedure**

### **Discussion**

Approval is requested to perform the initial plugging on the JS Walker 4 Well. The JS Walker 4 is a vertical well located in Monongalia County, WV. The JS Walker 4 was drilled to a depth of 3,242' beginning on March 26<sup>th</sup>, 1925 and completed on May 11<sup>th</sup>, 1925. Production from this well has been very low for numerous years. The JS Walker 4 is recommended to be plugged and abandoned.

### **Procedure**

See attached procedure.

**DRIVING DIRECTIONS****From Morgantown:**

Travel on US-19 N to Star City  
 Continue on US-19 N for 3-4 miles  
 Turn Left onto Route 7

**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 1 1/2" tubing to estimated TD of 3,242'.
4. Pump cement and gel plugs per state requirements.
5. Bury and plat a well monument with WV State API number.

**PROCEDURE**

Safety is the number one priority. Well site safety meetings will be held before each major operation

- 1) MIRU construction equipment and remove any tanks, separators, well lines, meter runs, etc.
- 2) MIRU service rig & needed BOP equipment
- 3) TOOH strapping rods and or tubing (possible 4-1/2")
- 4) TIH strapping tubing to 3,242'
- 5) Set cement plug up to bottom of 5-3/16" if accurate measurements: If accurate 5-3/16" is TD at 2120' which would be 1122' above TD of well and 962' higher than what 4-1/2" would be TD. We will need to log to check depths
- 6) Set BHP ~ 80 sks of Class A cement (800-1000' cement plug); displace cement
- 7) TOOH with tubing/WOC
- 8) Log TOC
- 9) RIH with cutting tool and cut 5-3/16" (TD 2120') casing and pull 1.5 times weight
- 10) Pull all casing strapping and laying down
- 11) TIH w/tubing to set cement plug top of cement to bottom of 6-5/8" (TD 1860")
- 12) Set cement plug (~30-32 sks 260')
- 13) Run log to find TOC
- 14) RIH with cutting tool and cut 6-5/8" (1860') casing and pull 1.5 times weight
- 15) Pull all casing strapping and laying down
- 16) TIH with tubing to set cement plug top of cement to bottom of 8-1/4" (806')
- 17) Set cement plug (~80-100 sks ~1000')
- 18) Run log to find TOC
- 19) RIH with cutting tool and cut 8-1/4" (TD 806') and retrieve all casing pulling 1.5 times weight
- 20) TIH w/tubing
- 21) Cement to surface
- 22) Cut all casing 36 inches below GL. Install a monument to WV state requirements
- 23) RDMO all service equipment providers and reclaim location to WV State requirements

**WELL DATA**

Location (Surface)	39.6510487,-80.1541870
TD*	3,242'
PBTD	NA
Packer	NA
Marker Joint	NA

**CASING AND TUBULAR DATA**

STRING	SIZE	WEIGHT/GRADE	DEPTH	THREAD	TOC
Conductor	8-1/4"	N/A	806'	N/A	N/A
Surface	6-5/8"	N/A	1860'	N/A	N/A
Intermediate	5-3/16"	N/A	2120'	N/A	N/A
Production	4-1/2"	N/A	3082'	N/A	N/A

\*possible packer: 4-1/2" set at 884'

**CAPACITIES**

SIZE	WEIGHT	CAPACITY (GAL/FT.)	CAPACITY (BBL/FT.)
10**	N/A	4.192	0.0998
8 1/4**	N/A	2.738	0.0652
6 5/8"	N/A	1.536	0.0365
5 3/16**	N/A	1.038	0.0247
2 3/8"	4.7#	0.16239	0.00387

SIZE	WEIGHT	CAPACITY (CU FT/FT.)	CAPACITY (BBL/FT.)
10**	N/A	0.5603	0.0998
8 1/4**	N/A	0.3659	0.0652
6 5/8"	N/A	0.2052	0.0365
5 3/16**	N/A	0.1387	0.0247
2 3/8"	4.7#	0.02171	0.00387

\* 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 3/4" casing was used. For the 8 1/4" casing capacities a 20#/ft 8 5/8" casing was used. For the 5 3/16" casing capacities a 13#/ft 5 1/2" casing was used.

**WELLHEAD EQUIPMENT**

COMPONENT	SIZE & RATING
Manufacturer	N/A
Tubing Spool	N/A
Casing Spool	N/A
Bradenhead	N/A

**PERSONNEL / PHONE LIST**

Production Manager	John Landis	(304) 212-0434
WV State Inspector	Gayne Knitowski	(304) 546-8171

Well No. 2 W.D. Milt Wilson Farm Acres  
 Lease No. Clay Township Monmouth County W. Va. State  
 Drilling Commenced Mar. 26, 1925 Contractor Blasing Drilling Completed May 11, 1925  
 N.12 S. E. 23

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Pittsburgh Coal	850			
Big Injun Sand	2130	2294		
Commenced drilling			2261	
Squaw Sand	2365	2578		
Sandy Sand	2402	2438		
Fifty Foot Sand	2707	2731		
Thirty Foot Sand	2842	2860		
Sand	2950	2969		
Sand	3047	3064		
Fourth Sand	3081	3093		
Fifth Sand	3232	3250	3232	
Show Gas	3235		3235	
Show Oil	3238		3238	
Bayard Sand	3258	3270	3258	
Total Depth		3242	3242	

Filling up to pump from Big Injun Sand.  
 Refer to Book 1 for first drilling record.

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount	Sand Result
	Feet	In.	Feet	In.	Feet	In.			
8 1/2"	806				8 1/2"		May 12, 1925	5-27-2	
6 3/8"	1860							10 ft.	30 ft.
5 7/8"	2120							Bayard	B. Eng's
4 1/2"	884								
4 1/2" liner set at 3083									
								Packer Size	
								Depth Set	

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test 3/10 Water-1"  
 Approved by J. M. Weaver Superintendent  
 Approved by J. H. Weaver Superintendent



IPANTS:

DATE: JAN 28 1987

~~47-061-00450P~~

OPERATOR:

Pennzoil Company

014730

T PURCHASER:

Not Dedicated

R:

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

2-08-27-108-061-0450

*Qualifies J.E. Huggins*

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

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

NO.

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?

10. IV Form 51 - 52 - 53 - 54 - 55 - (56) - 57 - 58 Complete?  Affidavit Signed

11. Other: Survey \_\_\_\_\_ Logs \_\_\_\_\_ Geological Charts \_\_\_\_\_

Structure Map \_\_\_\_\_ 1: 4000 Map \_\_\_\_\_ Well Tabulations \_\_\_\_\_

Gas Analyses \_\_\_\_\_

12. Date commenced: 3-27-1893 Date completed 5-29-1893 Deepened \_\_\_\_\_

13. Production Depth: 2130 - 2225

14. Production Formation: Big Injun

15. Final Open Flow: NA

16. After Frac. R. P. NA

17. Other Gas Test: \_\_\_\_\_

18. Avg. Daily Gas from Annual Production:  $\frac{2629}{365} = 7.2 \text{ mcf}$ ,  $\frac{117}{365} = 0.3 \text{ BBL}$

19. Avg. Daily Gas from 90-day ending w/1-120 days  $\frac{619}{91} = 6.8 \text{ mcf}$  oil  $\frac{22}{91} = 0.2 \text{ BBL}$

20. Line Pressure: NA PSIG from Daily Report \_\_\_\_\_

21. Oil Production: NO From Completion Report \_\_\_\_\_

22. Does lease inventory indicate enhanced recovery being done NO

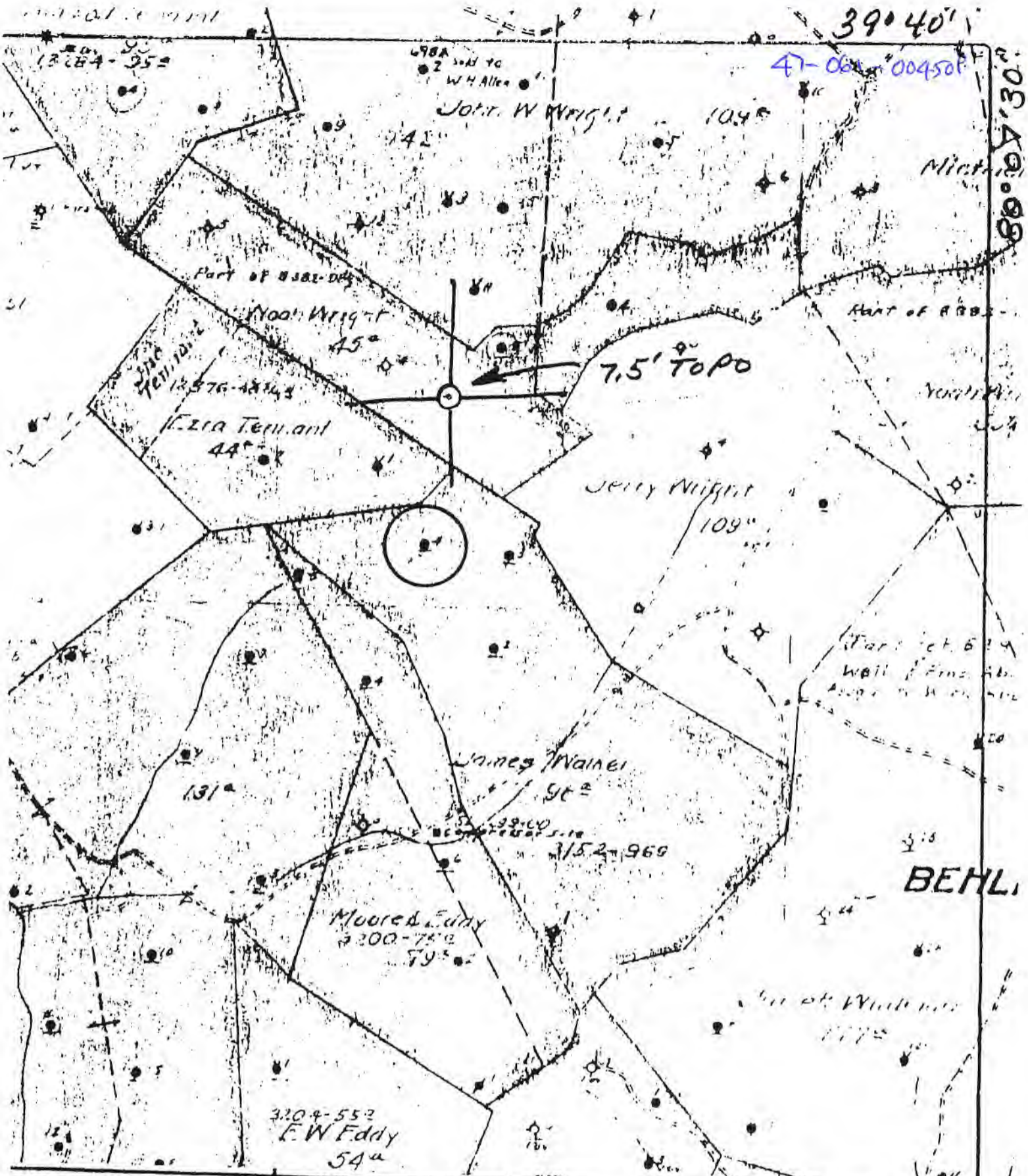
23. Is affidavit signed?  Notarized?

24. Does official well record with the Department confirm the submitted information? NO

25. Does additional information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_

26. Determination Objected to \_\_\_\_\_ By Whom? \_\_\_\_\_

*OTG*



NOTES LOCATION OF  
 L ON UNITED STATES  
 GRAPHIC MAPS  
 M IV-6  
 78  
 72E N13E26



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

DATE 1-24, 1979  
 OPERATOR'S WELL NO 4  
 API WELL NO.  
47-061-0450  
 STATE COUNTY PERMIT

TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS", PRODUCTION  STORAGE  DEEP  SHALLOW   
 TION: ELEVATION \_\_\_\_\_ WATER SHED JAKES RUN  
 DISTRICT CLAY COUNTY MANCHESTER  
 QUADRANGLE BLACKSVILLE 7.5'  
 ACE OWNER \_\_\_\_\_ ACREAGE \_\_\_\_\_  
 B GAS ROYALTY OWNER \_\_\_\_\_ LEASE NO. \_\_\_\_\_ LEASE ACREAGE \_\_\_\_\_  
 OSED. WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR  
 STIMULATE  PLUS OFF OLD FORMATION  PERFORATE NEW  
 FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUS AND ABANDON  CLEAN OUT AND REPLUG   
 ET FORMATION \_\_\_\_\_ ESTIMATED DEPTH \_\_\_\_\_  
 OPERATOR Pennzoil Company DESIGNATED AGENT James A. Crews  
 P. O. Box 1588  
 ADDRESS Parkersburg, WV 26101

3. WALKER - 4

SOUTH PENN OIL COMPANY—COMPLETION

SERIAL NO. \_\_\_\_\_ FARM Walker J. S. WELL NO. 4  
 ELEVATION \_\_\_\_\_ N. 13-14 E. 26 W. \_\_\_\_\_  
 LEASE NO. \_\_\_\_\_ ACRES 96  
 WATERS OF Jakes Run  
 DISTRICT Clay COUNTY Monongalia STATE W. Va.  
 DRILLING COMMENCED 7/2/1896 COMPLETED 8/28/1896 DEPTH 2347

SANDS	TOP	BOTTOM	ELEV. TOP	CASING Used.
POH. COAL OR BIG LIME	221			10" 945
<u>Big Injun</u>	<u>2221</u>			<u>34" 1773</u>
<u>1st. pay</u>	<u>2322</u>			<u>6.5/8, 1941</u>
				<u>5.3/16, 2236</u>
PACKERS AND DEPTH SET				

INITIAL PROD. no record SAND Big Injun DEPTH 2322  
 GAS TEST. no  
 SHOT 8 QUARTS 4 to 50  
 REMARKS (not drilled through Big Injun)

REPORTED BY [Signature] ABANDONED  
 P. O. 824-2M-10

47-061-0450

WW-4A  
Revised 6-07

1) Date: April 3, 2020  
2) Operator's Well Number  
JS Walker 4

3) API Well No.: 47 - 061 - 00450

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

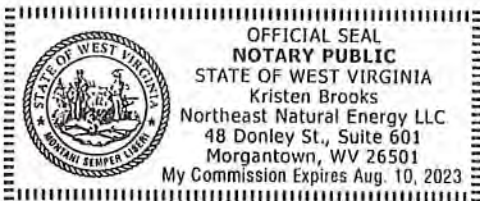
4) Surface Owner(s) to be served:	5) (a) Coal Owner:
(a) Name <u>Mary H. Walker</u>	Name <u>Murray Energy Corporation</u>
Address <u>1611 S. Pomona D-11</u>	Address <u>46226 National Road</u>
<u>Fullerton, CA 92832</u>	<u>St. Clairsville, OH 43950</u>
(b) Name <u>David P. Walker</u>	(b) Coal Owner(s) with Declaration
Address <u>811 Vermont Ave.,</u>	Name _____
<u>Fairmont, WV 26554</u>	Address _____
(c) Name <u>Nancy E. Facemire</u> (d) <u>Joyce Bennett</u>	Name _____
Address <u>920 Coleman Ave.</u> <u>1790 Jakes Run Rd.</u>	Address _____
<u>Fairmont, WV 26554</u> <u>Fairview, WV 26570</u>	(c) Coal Lessee with Declaration
6) Inspector <u>Gayne Knitowski</u>	Name _____
Address <u>P.O. Box 108</u>	Address _____
<u>Gorman, WV 26720</u>	
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: Hollie Medley *Hollie Medley*  
 Its: Regulatory Manager  
 Address: 48 Donley Street, Suite 601  
Morgantown, WV 26501  
 Telephone: 304.212.0422

Subscribed and sworn before me this 3rd day of April, 2020  
Kristen Brooks Notary Public  
 My Commission Expires August 10, 2023

**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 [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

7017 1450 0001 6438 7761

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**FAIRVIEW, WV 26570**

**OFFICIAL USE**

Certified Mail Fee	\$3.55
Extra Services & Fees (check box, add fee as appropriate)	\$2.85
<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	\$1.40
<b>Total Postage and Fee</b>	<b>\$7.80</b>

Postmark Here: APR 03 2020

Sent To: Ms. Joyce Bennett  
Street and Apt.: 1790 Jakes Run Road  
City, State, ZIP: Fairview, WV 26570

PS Form 3800, April 2015 PSN 7530-02-000-9147 See Reverse for Instructions

7017 1450 0001 6438 7754

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**FULLERTON, CA 92832**

**OFFICIAL USE**

Certified Mail Fee	\$3.55
Extra Services & Fees (check box, add fee as appropriate)	\$2.85
<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	\$1.40
<b>Total Postage and Fee</b>	<b>\$7.80</b>

Postmark Here: APR 03 2020

Sent To: Ms. Mary H. Walker  
Street and Apt. No.: 1611 S. Pomona D-11  
City, State, ZIP+4®: Fullerton, CA 92832

PS Form 3800, April 2015 PSN 7530-02-000-9147 See Reverse for Instructions

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**FAIRMONT, WV 26554**

**OFFICIAL USE**

Certified Mail Fee	\$3.55
Extra Services & Fees (check box, add fee as appropriate)	\$2.85
<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	\$1.40
<b>Total Postage and Fee</b>	<b>\$7.80</b>

Postmark Here: APR 03 2020

Sent To: Ms. Nancy E. Facemire  
Street and Apt.: 920 Coleman Ave.  
City, State, ZIP: Fairmont, WV 26554

PS Form 3800, April 2015 PSN 7530-02-000-9147 See Reverse for Instructions

7017 1450 0001 6438 7747

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**FAIRMONT, WV 26554**

**OFFICIAL USE**

Certified Mail Fee	\$3.55
Extra Services & Fees (check box, add fee as appropriate)	\$2.85
<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	\$1.40
<b>Total Postage and Fee</b>	<b>\$7.80</b>

Postmark Here: APR 03 2020

Sent To: Mr. David P. Walker  
Street and Apt. No.: 811 Vermont Ave  
City, State, ZIP+4®: Fairmont, WV 26554

PS Form 3800, April 2015 PSN 7530-02-000-9147 See Reverse for Instructions

7017 1450 0001 6438 7785

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**SAINT CLAIRSVILLE, OH 43950**

**OFFICIAL USE**

Certified Mail Fee	\$3.55
Extra Services & Fees (check box, add fee as appropriate)	\$2.85
<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	\$1.80
<b>Total Postage and Fee</b>	<b>\$8.20</b>

Postmark Here: APR 03 2020

Sent To: Murray Energy Corporation  
Street and Apt.: 46226 National Road  
City, State, ZIP: St. Clairsville, OH 43950

PS Form 3800, April 2015 PSN 7530-02-000-9147 See Reverse for Instructions

WW-4A  
Revised 6-07

1) Date: April 3, 2020  
2) Operator's Well Number: JS Walker 4

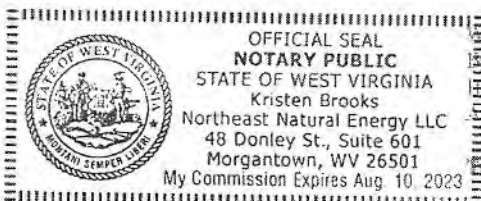
3) API Well No.: 17 - 061 - 00450

**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 Owner</b>
(a) Name: <u>Mary H. Walker</u>	Name: <u>Murray Energy Corporation</u>
Address: <u>1611 S. Fremont D-11</u>	Address: <u>4826 National Road</u>
<u>Folsom, CA 92537</u>	<u>St. Clairsville, OH 43860</u>
(b) Name: <u>Dave P. Walker</u>	(b) Coal Owner(s)
Address: <u>814 Vermont Ave.</u>	Name: <u>Concorde Corporation</u>
<u>Fairmont, WV 26554</u>	Address: <u>3748 Durts Man Blvd Ste A</u>
	<u>Morgantown, WV 26501</u>
(c) Name: <u>Nancy E. Fairview</u>	(c) Coal Lessee with Declaration
Address: <u>920 Central Ave</u>	Name: _____
<u>Fairmont, WV 26554</u>	Address: _____
(d) <u>Joyce Bennett</u>	
Address: <u>1793 James R Ln Rd</u>	
<u>Fairview, WV 26573</u>	
<b>6) Inspector</b>	
Name: <u>Gabrie Krylowski</u>	
Address: <u>P.O. Box 108</u>	
<u>Gorman, WV 26120</u>	
Telephone: <u>304-566-8171</u>	

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

- 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 and the plugging work order; and
  - The plot (surveyor's map) showing the well location on Form WW-4.
- The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverse 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-4. Copies of this Notice, the Application, and the plot have been mailed by registered or certified mail or delivered by hand to the person(s) named above for publication in certain circumstances or before the gas is plugged or delivery to the Chief.



Well Operator: NNE Business LLC  
 Name: Halle Medley  
 Regulatory Manager  
 Address: 48 Donley Street, Suite 601  
Morgantown, WV 26501  
 Telephone: 304-212-0422

Subscribed and sworn before me this 15th day of May, 2020  
Kristen Brooks Notary Public  
 My Commission Expires August 10, 2023

**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 [depprivacy@office.wv.gov](mailto:depprivacy@office.wv.gov).

U.S. Postal Service  
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47-061-00450f

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<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$
Total Postage	\$

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Here

Sent To	Concorde Corporation	
Street	3748 Dents Run Blvd., Suite A	
City, St.	Morgantown, WV 26501	

PS Form 3800, June 2009 Instructions

47-061-00450 P

WW-9  
(5/16)

API Number 47 - 061 - 00450  
Operator's Well No. JS Walker 4

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, WV

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  *ANY WELL EFFLUENT MUST BE CONTAINED IN TANKS BEFORE DISPOSING OFF-SITE. gwm*

If so, please describe anticipated pit waste: \_\_\_\_\_

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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection ( UIC Permit Number see attached )
- Reuse (at API Number \_\_\_\_\_ )
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

Will closed loop system be used? If so, describe: NA

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

-If oil based, what type? Synthetic, petroleum, etc. NA

Additives to be used in drilling medium? Bentonite

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

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

-Landfill or offsite name/permit number? see attached

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 April 1, 2016, 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.

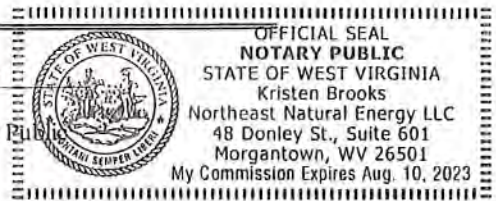
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is 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 3rd day of April, 2020, 20

Kristen Brooks Notary Public

My commission expires August 10, 2023





Form WW-9

Operator's Well No. \_\_\_\_\_

Proposed Revegetation Treatment: Acres Disturbed 1.6 Prevegetation pH TBD

Lime 2 Tons/acre or to correct to pH 7

Fertilizer type 19-19-19

Fertilizer amount 500 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:

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, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Gayne Knitowski Digitally signed by Gayne Knitowski  
Date: 2020.04.01 17:02:25 -0400

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

Reclaim site ASAP

Title: Inspector Date: 4-1-2020

Field Reviewed? () Yes () No

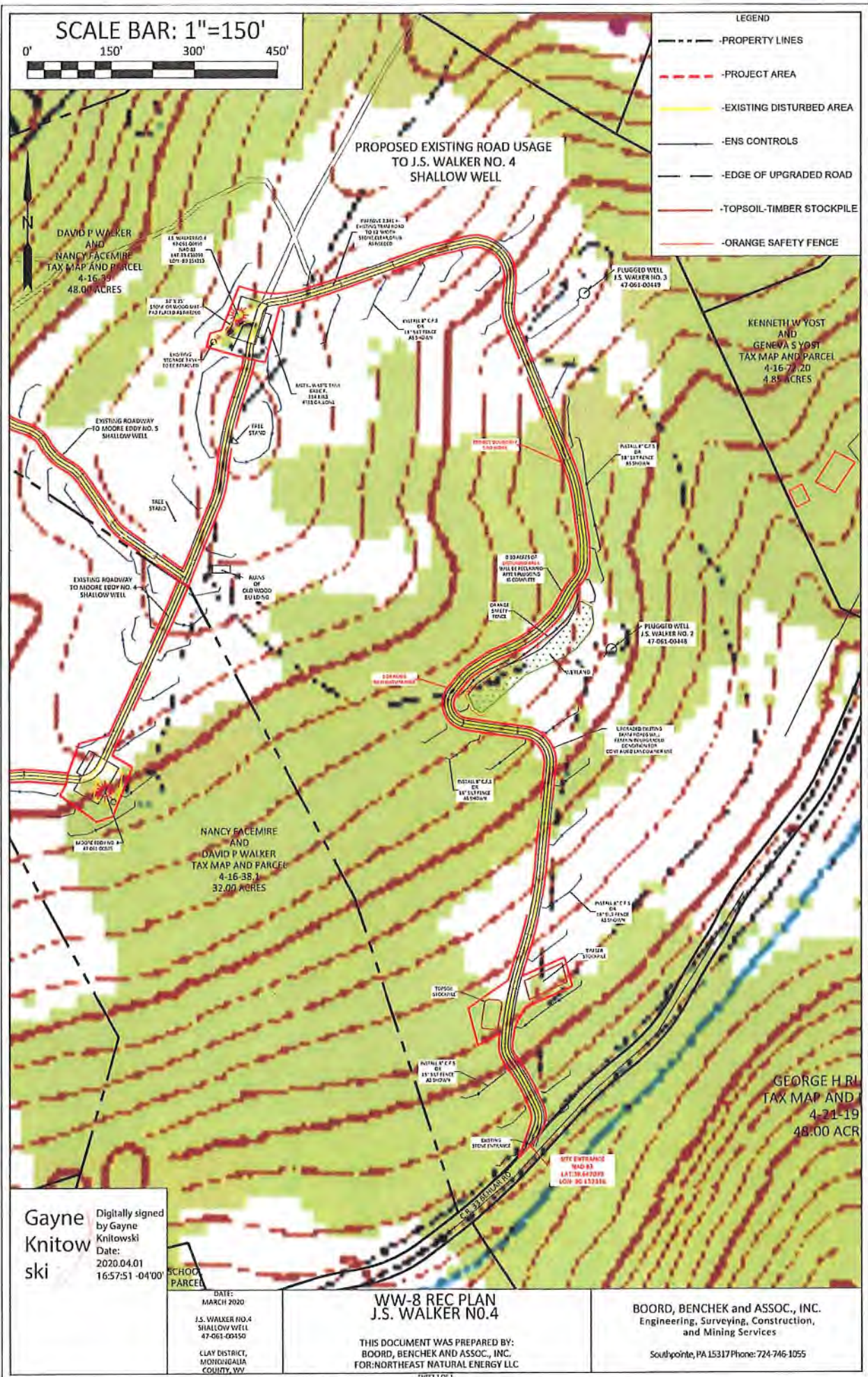
## Attachment "B"

## Section V - Planned Disposal Method

The below listed UIC wells are all possibilities where flowback/produced water can be disposed:

UIC Well Name	Permit/API#	Operator	Latitude & Longitudes	County & State
K & H	4706101689	Central Environmental Services	39.235897, -81.757944	Athens County, OH
Dennison	3415725507	Dennison Disposal	40.407991, -81.311866	Tuscarawas County, OH
Nichols	3416723862	Nuverra Environmental Solutions	39.346783, -81.587640	Washington County, OH
Goff	3411928776	Nuverra Environmental Solutions	39.978168, -81.812152	Muskingum County, OH
Clearwater 3	3405923986	Nuverra Environmental Solutions	40.027672, -81.510341	Guernsey County, OH
Bo	3405924473	Nuverra Environmental Solutions	40.027672, -81.510342	Guernsey County, OH
Shields	3405924445	Nuverra Environmental Solutions	40.027171, -81.449562	Guernsey County, OH
Redbird #2	3416729731	Redbird Development, LLC	39.337326, -81.674314	Washington County, OH
Redbird #4	3416729767	Redbird Development, LLC	39.337326, -81.674314	Washington County, OH
Mills	3410523619	Omega Drilling/FQ Energy	38.936647, -81.781831	Meigs County, OH
Dexter City	3412124037	Omega Drilling/FQ Energy	39.653903, -81.476031	Noble County, OH
Ritchie	4708509721	Omega Drilling/FQ Energy	39.258578, -81.099936	Ritchie County, WV

NPDES (Treatment Plant)	Permit/API#	Operator	Latitude & Longitudes	County & State
Greene County Water Treatment	WMGR 123SW010	Greene County Water Treatment, Inc.	39.908575, -81.140846	Waynesburg, PA
Fairmont Brine	WVR 00521948	Fairmont Brine Processing	39.507327, -80.126389	Fairmont, WV
Appalachian Water Service	WMGR 123001	Nuverra Environmental Solutions	39.852370, -79.925116	Masontown, PA
Penneco	2D09300103002	Penneco	39.013264, -79.810137	Randolph, WV



SCALE BAR: 1"=150'  
 0' 150' 300' 450'

- LEGEND
- PROPERTY LINES
  - - - PROJECT AREA
  - EXISTING DISTURBED AREA
  - ENS CONTROLS
  - EDGE OF UPGRADED ROAD
  - TOPSOIL-TIMBER STOCKPILE
  - ORANGE SAFETY FENCE

PROPOSED EXISTING ROAD USAGE  
 TO J.S. WALKER NO. 4  
 SHALLOW WELL

DAVID P WALKER  
 AND  
 NANCY FACEMIRE  
 TAX MAP AND PARCEL  
 4-16-39  
 48.00 ACRES

KENNETH W YOST  
 AND  
 GENEA S YOST  
 TAX MAP AND PARCEL  
 4-16-77-20  
 4.85 ACRES

NANCY FACEMIRE  
 AND  
 DAVID P WALKER  
 TAX MAP AND PARCEL  
 4-16-38-1  
 32.00 ACRES

GEORGE H RL  
 TAX MAP AND  
 4-21-19  
 48.00 ACR

Digitally signed  
 by Gayne  
 Knitowski  
 Date:  
 2020.04.01  
 16:57:51 -04'00'

DATE:  
 MARCH 2020  
 J.S. WALKER NO.4  
 SHALLOW WELL  
 47-061-00450  
 CLAY DISTRICT,  
 MONONGALIA  
 COUNTY, WV

WW-8 REC PLAN  
 J.S. WALKER NO.4

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

BOORD, BENCHEK and ASSOC., INC.  
 Engineering, Surveying, Construction,  
 and Mining Services  
 Southpointe, PA 15317 Phone: 724-746-1055

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS**

API: 47-061-00450 WELL NO.: 4

FARM NAME: JS Walker

RESPONSIBLE PARTY NAME: NNE Resources LLC

COUNTY: Monongalia DISTRICT: Clay

QUADRANGLE: Blacksville

SURFACE OWNER: Mary H. Walker, Joyce Bennett, David P. Walker and Nancy E. Facemire

ROYALTY OWNER: Linda Kay Tennant

UTM GPS NORTHING: 4389370.0

UTM GPS EASTING: 572565.0 GPS ELEVATION: 1,468'

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 ; Post Processed Differential

Real-Time Differential

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.

Hall-Meady  
Signature

Regulatory Manager  
Title

4-3-20  
Date

11/10/2016

## PLUGGING PERMIT CHECKLIST

## Plugging Permit

- WW-4B
- WW-4B signed by inspector
- WW-4A
  
- SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
  
- COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- WW-9 PAGE 1 (NOTARIZED)
- WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
- WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
- RECENT MYLAR PLAT OR WW-7
- WELL RECORDS/COMPLETION REPORT ✓
- TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
- MUST HAVE VALID BOND IN OPERATOR'S NAME
- CHECK FOR \$100 IF PIT IS USED