



west virginia department of environmental protection

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

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

Friday, May 29, 2020

WELL WORK PLUGGING PERMIT
Vertical Plugging

NNE RESOURCES LLC
707 VIRGINIA STREET EAST, SUITE 1200

CHARLESTON, WV 25301

Re: Permit approval for 14
47-061-00443-00-00

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: 14
Farm Name: WRIGHT, J. W.
U.S. WELL NUMBER: 47-061-00443-00-00
Vertical Plugging
Date Issued: 5/29/2020

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.

CONDITIONS

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

WW-4B
Rev. 2/01

1) Date _____, 20____
2) Operator's
Well No. JW Wright 14
3) API Well No. 47-061 - 00443 P

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 1,253' Watershed Dunkard Creek
District Clay County Monongalia Quadrangle Blacksville

6) Well Operator NNE Resources LLC 7) Designated Agent Hollie Medley, Regulatory Manager
Address 707 Virginia St. E., Suite 1200 Address 48 Donley St., Suite 601
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:

Please see attached Plugging Procedure

WELL RECORD INFO. : TD @ 3262 on MAY 31, 1923. GAS 3164 (BAYARD SAND)

<u>USE STEEL LINE MEASUREMENT.</u>	<u>10" = 760' STEEL LINE MEASUREMENT</u>	<u>766' TALLIED</u>
	<u>8 1/4" 1581' SLM</u>	<u>1591' TALLIED</u>
	<u>6 5/8" 1969' SLM</u>	<u>2001' TALLIED</u>
	<u>5 3/16" 2949' SLM</u>	<u>2971' TALLIED</u>
	<u>4 1/2" 3164'</u>	<u>167' TALLIED</u>

SHOT HOLE IN BAYARD
w/ 20 OR 6/14/1923 @ 3164'

GNM

RECEIVED
Office of Oil and Gas
APR 06 2020
WV Department of
Environmental Protection

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

Work order approved by inspector Gayne Knitowski Date 4/1/2020
Digitally signed by Gayne Knitowski
Date: 2020.04.01 14:16:44 -0400



JW Wright 14
Monongalia County, WV
API Number: 4706100443
AFE Number: TBD
Plugging Procedure

March 18, 2020

Discussion

Approval is requested to perform the initial plugging on the JW Wright 14 Well. The JW Wright 14 is a vertical well located in Monongalia County, WV. The JW Wright 14 was drilled to a depth of 3,262' on May 31, 1923. Production from this well has been very low for numerous years. The JW Wright 14 is recommended to be plugged and abandoned.

Well Data

See attached wellbore diagram.

Procedure

See attached procedure.

WELL DATA

WELL DATA

Location (Surface)	Lat. 39.6667 Long. -80.13'
TD*	3,262'
PBTD	NA
Packer	NA
Marker Joint	NA

CASING AND TUBULAR DATA

STRING	SIZE	WEIGHT/GRADE	DEPTH*	THREAD	TOC
Surface	10"	N/A	760'	N/A	N/A
Intermediate	8 1/4"	N/A	1581'	N/A	N/A
2 nd String Intermediate	6-5/8"	N/A	1,969'	N/A	N/A
Production	5-3/16"	N/A	2949'	N/A	N/A
Possible 4-1/2"	4-1/2"	N/A	Unknown (167') possible	N/A	N/A

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

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

Travel down Route 7 for approximately 5 miles

Pass the small town of Core and turn left on Pedlar Run

Stay left on that road

At the bottom of Behler Hill there is a tank on the left

Go down that way and there is a meadow on the left

Well can be found by cut off pipe in the meadow

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 3,262'.
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, etc.
- 3) MIRU service rig & needed BOP equipment
- 4) TOOH strapping rods and tubing (possible 4-1/2")
- 5) TIH strapping tubing to ~3,164' right above Bayard Sand where Gas show was present.
- 6) Pump Gel before pumping cement.
- 7) Pump 27 sks of Class A cement (200' cement plug), displace cement plug
- 8) TOOH with tubing
- 9) RIH with mechanical ripper or casing cutter to 2,949-2,967' and attempt to rip and retrieve 5 3/16" casing.
- 10) Attempt to pull 1-1/2 times casing string weight to establish free point
- 11) TOOH with casing and tally out
- 12) Set cement plug from 2949'-1969' *BOTTOM OF 6 5/8"*.
- 13) RIH and cut intermediate casing (6-5/8") and attempt to pull out of hole.
- 14) Set cement plug from 1969'-1581' *BOTTOM OF 8 1/4"*
- 15) RIH with mechanical ripper or casing cutter to cut and attempt to pull intermediate casing (8-1/4")
- 16) TIH with tubing
- 17) Pump cement from 1581'-760' *BOTTOM OF 10"*
- 18) TOOH with tubing
- 19) Try to cut and retrieve surface casing.
- 20) TOOH with surface casing
- 21) RIH with tubing
- 22) Cement to surface
- 23) Cut all casing 36 inches below GL. Install a monument to WV state requirements
- 24) RDMO all service equipment providers and reclaim location to WV State requirements

PERSONNEL / PHONE LIST

VP, Operations	Diane Corwin	Office: (304) 212-0437 Mobile (304) 216-9959
Production Manager	John Landis	Office: (304) 212-0434 Mobile: (304) 216-6854
Land Man	Justin Moroose	Office: 304-212-0429 Mobile: 304-657-4335
WV State Inspector	Gayne Knitowski	Office: (304) 241-7112

47-061-044

Well No. 14 John W. Wagon
 Lease No. 10
 District Wagon
 County Wagon
 State W.D.C.
 Drilling Commenced March 12, 1923
 Drilling Completed May 31, 1923
 N. 14 E. 26-77 W.

ROCK FORMATION	TOP	BOTTOM	REMARKS	Elev
Conductor	14	397		8117.400
Favosites Coral	394	638		8117.200
Millettia Coral	634	734		
Gilchristia Coral	734	743		
10" Gravel				
1 1/2" Blue sand	1080	1100		
Big Blue sand	1240	1318		
White sand	1510	1566		
Red sand	1579	1584		
8 1/2" Gravel				
2nd shell sand	1594	1740		
1st shell sand	1675	1675		
1st Shell Water	1940	1450		
Double grain	1950	1954		
Coarse sand	1954	2037		
Blue sand				
6 1/2" Gravel	2037	2210		
Big Shell sand	2199	2144		
Blue sand	2280	2340		
White sand	2105	2690		
Big Shell sand	2650	2690		
Golden grey shell	2950	2950		

REMARKS: 10" SHOW OF 1 1/2" O.L. C.M.

Lease No. 0
 District 192
 County W.
 State 192
 Drilling Commenced N.
 Drilling Completed E.

ROCK FORMATION	TOP	BOTTOM	REMARKS
5 3/4" Gravel	2959	2997	
Golden shell	2987	3057	
Gravel sand	3040	3080	
1st shell sand	3124	3148	
2nd shell sand	3158	3175	
Blue sand	3164	3262	
Golden grey shell		3262	

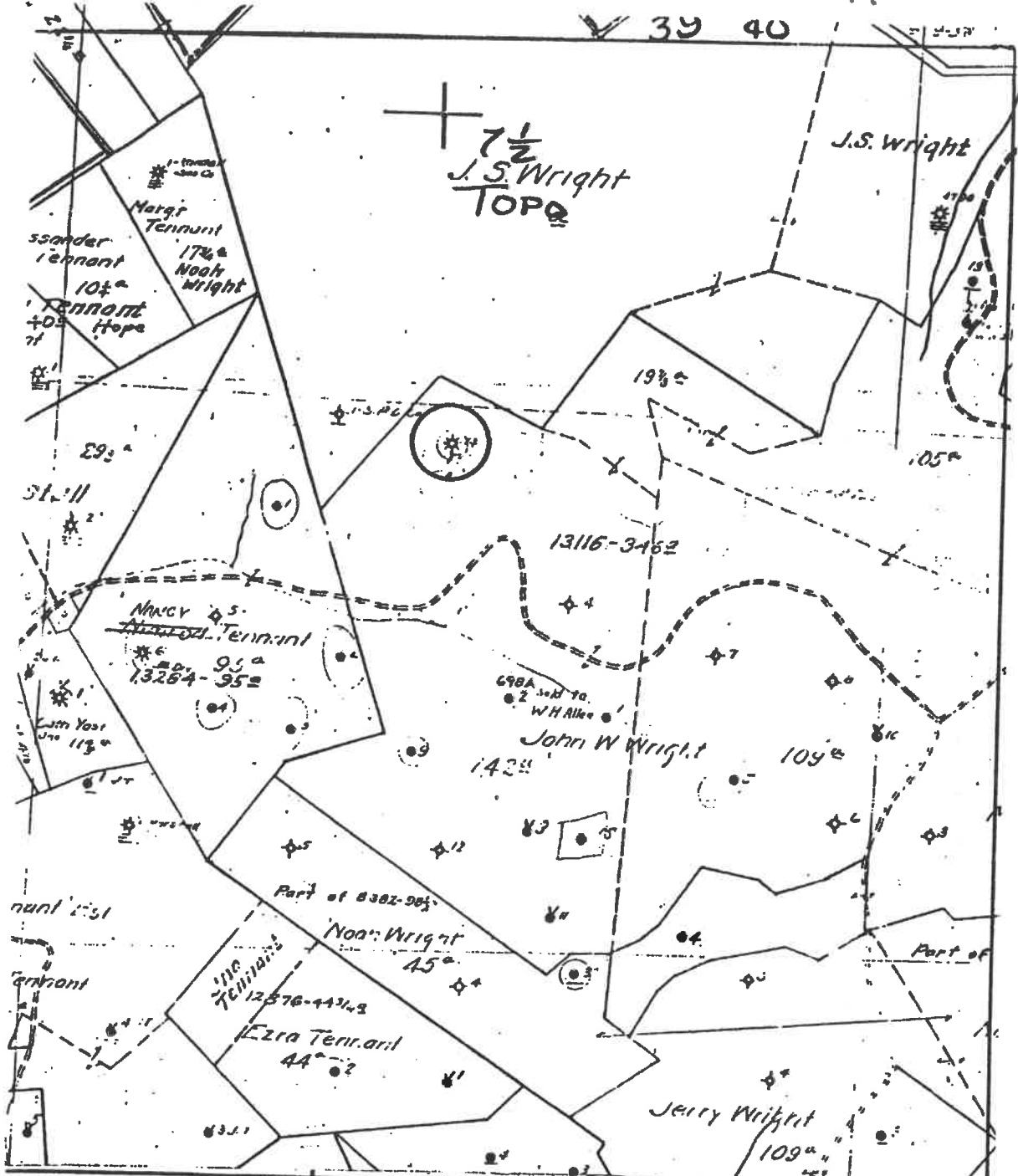
REMARKS: 1st shell sand, 2nd shell sand, Blue sand, Golden grey shell.

WELL	WELL IN	PULPED OUT	LEFT IN WELL	Shot Date
SIZE	FEET	FEET	FEET	Amount
10"	766		766	6/19/23
8 1/2"	1591		1591	20 Qts
6 1/2"	2001		2001	Barford
5 3/4"	2971		2971	
4 1/2"	167		167	

Shot Date: 6/19/23
 Amount: 20 Qts
 Barford

CASING RECORD AS TALLIED, NOT STEEL LINE MEASUREMENT

CASING RECORD AS TALLIED, NOT STEEL LINE MEASUREMENT



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



DATE NOV 30, 1978
 OPERATOR'S WELL NO. 14
 API WELL NO. 47-061-0443
 STATE COUNTY PERMIT

N72E N4E26

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 SHED STATLER RUN
 DISTRICT CLAY COUNTY MONONGAHLIA
 QUADRANGLE BLACKSVILLE

SURFACE OWNER _____ ACREAGE 346
 OIL & GAS ROYALTY OWNER _____ LEASE NO. 13716 LEASE ACREAGE _____

PROPOSED 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
 TARGET FORMATION _____ ESTIMATED DEPTH _____
 WELL OPERATOR Pennzoil Company DESIGNATED AGENT James A. Grews
 ADDRESS P. O. Box 1588 ADDRESS P. O. Box 1588
Parkersburg, WV 26101 Parkersburg, WV 26101

LATITUDE 39° 40' 00"



LONGITUDE 80° 07' 30"

7'5 OGIS topo location

7.5' loc 0.195 15' loc _____
 1.70W (calc.) _____

Company _____

Farm _____

Quad BLACKSVILLE 7 1/2'

County MONONGALIA

District CLAY

WELL LOCATION MAP

File No. 061-0443



Select County: (061) Monongalia (Check All)

Enter Permit #: 00443

Get Data Reset

Location Production Plugging

Owner/Completion Stratigraphy Sample

Pay/Show/Water Logs Btm Hole Loc

[Table Descriptions](#)
[County Code Translations](#)
[Permit-Numbering Series](#)
[Usage Notes](#)
[Contact Information](#)
[Disclaimer](#)
[WVGES Main](#)
[Pipeline-Plus New](#)

WV Geological & Economic Survey: Well: County = 61 Permit = 00443 Report Time: Wednesday, May 27, 2020 2:56:45 PM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4706100443	Monongalia	443	Clay	Blacksville	Blacksville	39.653992	-80.156687	572337	4390804.5

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR
4706100443	5/31/1923	Original Loc	Completed	John W Wright	14					Pennzoil Company			

Completion Information:

API	CMP_DT	SPUD_DT	ELEV DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEF
4706100443	5/31/1923	3/12/1923	1272 Ground Level	Fry-Str R-M Mts	Greenland Gap	Bayard	unclassified	unclassified	Gas w/ Oil Show	unknown	Shot	3262		3252		0

Pay/Show/Water Information:

API	CMP_DT	ACTIVITY	PRODUCT	SECTION	DEPTH_TOP	FM_TOP	DEPTH_BOT	FM_BOT	G_BEF	G_AFT	O_BEF	O_AFT	WATER_QNTY
4706100443	5/31/1923	Show	Oil & Gas	Vertical	2139	Big Injun (Price&eq)	2144	Big Injun (Price&eq)	0	0	0	0	
4706100443	5/31/1923	Pay	Gas	Vertical			3164	Bayard	0	0	0	0	

Production Gas Information: (Volumes in Mcf) * 2019 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4706100443	Pennzoil Company	1981	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Pennzoil Company	1982	34	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Pennzoil Company	1983	134	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Pennzoil Company	1984	82	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Pennzoil Products Company	1989	936	234	234	234	234	0	0	0	0	0	0	0	0
4706100443	Pennzoil Products Company	1990	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Pennzoil Products Company	1991	1,200	0	0	120	120	120	120	120	120	120	120	120	120
4706100443	Eddy Mark & Harry	1992	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Eddy Mark & Harry	1993	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Eddy Mark & Harry	1994	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Eddy Mark & Harry	1998	168	14	14	14	14	14	14	14	14	14	14	14	14
4706100443	Eddy Mark & Harry	2004	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Eddy Mark & Harry	2005	36	3	3	3	3	3	3	3	3	3	3	3	3
4706100443	Eddy Mark & Harry	2006	48	4	4	4	4	4	4	4	4	4	4	4	4
4706100443	Eddy Mark & Harry	2007	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Eddy Mark & Harry	2008	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Eddy Mark & Harry	2009	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Eddy Mark & Harry	2011	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Eddy Mark & Harry	2012	60	5	5	5	5	5	5	5	5	5	5	5	5
4706100443	Eddy Mark & Harry	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Eddy Mark & Harry	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	NNE Resources, LLC	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	NNE Resources, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	NNE Resources, LLC	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	NNE Resources, LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Oil Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil * 2019 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4706100443	Pennzoil Company	1981	59	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Pennzoil Company	1982	29	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Pennzoil Company	1983	40	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Pennzoil Company	1984	499	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Pennzoil Products Company	1989	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Pennzoil Products Company	1990	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Pennzoil Products Company	1991	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Eddy Mark & Harry	1992	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Eddy Mark & Harry	1993	72	5	5	5	5	5	5	5	5	5	5	5	5
4706100443	Eddy Mark & Harry	1994	60	5	5	5	5	5	5	5	5	5	5	5	5
4706100443	Eddy Mark & Harry	1998	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Eddy Mark & Harry	2004	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Eddy Mark & Harry	2005	24	2	2	2	2	2	2	2	2	2	2	2	2
4706100443	Eddy Mark & Harry	2006	60	5	5	5	5	5	5	5	5	5	5	5	5
4706100443	Eddy Mark & Harry	2007	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Eddy Mark & Harry	2008	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Eddy Mark & Harry	2009	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Eddy Mark & Harry	2011	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Eddy Mark & Harry	2012	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	Eddy Mark & Harry	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	NNE Resources, LLC	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	NNE Resources, LLC	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	NNE Resources, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	NNE Resources, LLC	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	NNE Resources, LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0

Production NGL Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil * 2019 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_NGL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4706100443	Eddy Mark & Harry	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	NNE Resources, LLC	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	NNE Resources, LLC	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	NNE Resources, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	NNE Resources, LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Water Information: (Volumes in Gallons) * 2019 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_WTR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4706100443	NNE Resources, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4706100443	NNE Resources, LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0

There is no Stratigraphy data for this well

There is no Wireline (E-Log) data for this well

There is no Plugging data for this well

There is no Sample data for this well

WW-4A
Revised 6-07

1) Date: April 3, 2020
2) Operator's Well Number
JW Wright 14

3) API Well No.: 47 - 061 - 00443

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

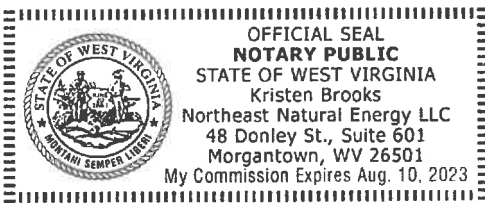
4) Surface Owner(s) to be served:	5) (a) Coal Owner:
(a) Name <u>MEPCO, LLC</u>	Name <u>Consol Mining Company LLC</u>
Address <u>103 Corporate Dr.</u>	Address <u>1000 Consol Energy Drive</u>
<u>Morgantown, WV 26501</u>	<u>Canonsburg, PA 15317</u>
(b) Name _____	(b) Coal Owner
Address _____	Name <u>Murray Energy Corporation</u>
	Address <u>46226 National Road</u>
	<u>St. Clairsville, OH 43950</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Gayne Knitowski</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 108</u>	Name _____
<u>Gormanian, WV 26720</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: Hollie Medley
 Its: Regulatory Manager
 Address 48 Donley St., 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

RECEIVED
 Office of Oil and Gas
 APR 06 2020
 WV Department of
 Environmental Protection

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and 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.

47-061-00443P

7017 1450 0001 6438 7709

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

For delivery information, visit our website at www.usps.com®.

MORGANTOWN, WV 26501

Certified Mail Fee \$3.55

Extra Services & Fees (check box, add fee if 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 \$1.40

Total Postage and Fees \$7.80

Sent To
 Street and Apt. No. MEPCO, LLC
 103 Corporate Drive
 Morgantown, WV 26501

City, State, ZIP+4

PS Form 3800, April 2019 PSN 7530-02-000-9047 See Reverse for Instructions

Official Use
 APR 03 2020
 04/03/2020
 USPS

7017 1450 0001 6438 7705

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

For delivery information, visit our website at www.usps.com®.

SAINT CLAIRSVILLE, OH 43950

Certified Mail Fee \$3.55

Extra Services & Fees (check box, add fee if 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 \$1.80

Total Postage and Fees \$8.20

Sent To
 Street and Apt. No. Murray Energy Corporation
 46226 National Road
 St. Clairsville, OH 43950

City, State, ZIP+4

PS Form 3800, April 2019 PSN 7530-02-000-9047 See Reverse for Instructions

Official Use
 APR 03 2020
 04/03/2020
 USPS

7017 1450 0001 6438 7778

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

For delivery information, visit our website at www.usps.com®.

CANONSBURG, PA 15317

Certified Mail Fee \$3.55

Extra Services & Fees (check box, add fee if 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 \$1.60

Total Postage and Fees \$8.00

Sent To
 Street and Apt. No. Consol Mining Company LLC
 1000 Consol Energy Drive
 Canonsburg, PA 15317

City, State, ZIP+4

PS Form 3800, April 2019 PSN 7530-02-000-9047 See Reverse for Instructions

Official Use
 APR 03 2020
 04/03/2020
 USPS

RECEIVED
 Office of Oil and Gas
 APR 06 2020
 WV Department of
 Environmental Protection

WW-9
(5/16)

API Number 47 - 061 - 00443
Operator's Well No. JW Wright 14

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

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.? _____

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 See Attached)
- 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. Fresh water/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

RECEIVED
Office of Oil and Gas
APR 06 2020
WV Department of Environmental Protection

Subscribed and sworn before me this 3rd day of April, 2020, 20
Kristen Brooks
My commission expires August 10, 2023

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

Form WW-9

Operator's Well No. _____

Proposed Revegetation Treatment: Acres Disturbed 0.96 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 229490 Approved by Gayne Knitowski Date: 2020/04/01 14:54:00 -0500

Comments: _____

Relcaim site ASAP

Title: Inspector

Date: 4-1-2020

Field Reviewed? Yes

No

RECEIVED
Office of Oil and Gas

APR 06 2020

WV Department of
Environmental Protection

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

RECEIVED
Office of Oil and Gas

APR 06 2020

WV Department of
Environmental Protection

N/A

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

Operator Name: NNE Resources LLC
Watershed (HUC 10): Dunkard Creek Quad: Blacksville
Farm Name: JW Wright 14

- 1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

NA

- 2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

- 3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

- 4. Summarize all activities at your facility that are already regulated for groundwater protection.

RECEIVED
Office of Oil and Gas
APR 06 2020
WV Department of Environmental Protection

- 5. Discuss any existing groundwater quality data for your facility or an adjacent property.

N/A

WW-9- GPP
Rev. 5/16

Page 2 of 2
API Number 47 - 061 - 00443
Operator's Well No. _____

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

8. Provide provisions and frequency for inspections of all GPP elements and equipment.

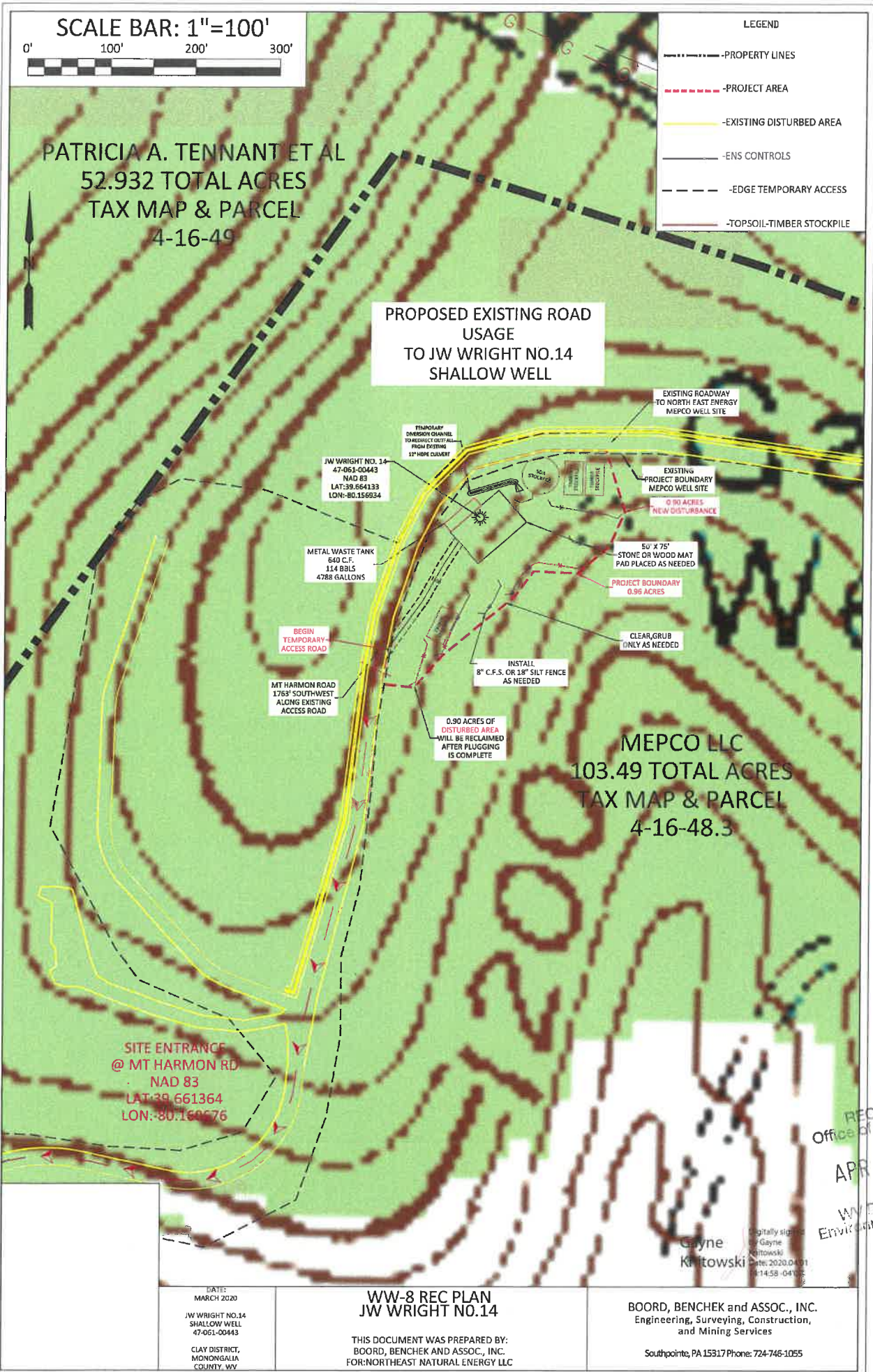
RECEIVED
Office of Oil and Gas

APR 06 2020

WV Department of
Environmental Protection

Signature: Hollis Mealy

Date: 4-3-20



SCALE BAR: 1"=100'
 0' 100' 200' 300'

- LEGEND
- PROPERTY LINES
 - PROJECT AREA
 - EXISTING DISTURBED AREA
 - ENS CONTROLS
 - EDGE TEMPORARY ACCESS
 - TOPSOIL-TIMBER STOCKPILE

PATRICIA A. TENNANT ET AL
 52.932 TOTAL ACRES
 TAX MAP & PARCEL
 4-16-49

PROPOSED EXISTING ROAD
 USAGE
 TO JW WRIGHT NO.14
 SHALLOW WELL

JW WRIGHT NO. 14
 47-061-00443
 NAD 83
 LAT:39.664133
 LON:-80.156934

METAL WASTE TANK
 640 C.F.
 114 BBLs
 4788 GALLONS

BEGIN
 TEMPORARY
 ACCESS ROAD

MT HARMON ROAD
 1783' SOUTHWEST
 ALONG EXISTING
 ACCESS ROAD

INSTALL
 8" C.F.S. OR 18" SILT FENCE
 AS NEEDED

0.90 ACRES OF
 DISTURBED AREA
 WILL BE RECLAIMED
 AFTER PLUGGING
 IS COMPLETE

EXISTING ROADWAY
 TO NORTH EAST ENERGY
 MEPCO WELL SITE

EXISTING
 PROJECT BOUNDARY
 MEPCO WELL SITE

0.90 ACRES
 NEW DISTURBANCE

50' X 75'
 STONE OR WOOD MAT
 PAD PLACED AS NEEDED

PROJECT BOUNDARY
 0.96 ACRES

CLEAR,GRUB
 ONLY AS NEEDED

MEPCO LLC
 103.49 TOTAL ACRES
 TAX MAP & PARCEL
 4-16-48.3

SITE ENTRANCE
 @ MT HARMON RD
 NAD 83
 LAT:39.661364
 LON:-80.160676

RECEIVED
 Office of Oil and Gas
 APR 06 2020
 WV Department of
 Environmental Protection

Digitally signed by
 Gayne
 Koltowski
 Date: 2020.04.01
 11:45:04 -0400

DATES
 MARCH 2020
 JW WRIGHT NO.14
 SHALLOW WELL
 47-061-00443
 CLAY DISTRICT,
 MONONGALIA
 COUNTY, WV

WW-8 REC PLAN
 JW WRIGHT NO.14
 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: 47-061-00443 WELL NO.: 14

FARM NAME: JW Wright

RESPONSIBLE PARTY NAME: NNE Resources LLC

COUNTY: Monongalia DISTRICT: Clay

QUADRANGLE: Blacksville

SURFACE OWNER: Herbert Lynn Fletcher, et al

ROYALTY OWNER: Bruce Allen Chisler

UTM GPS NORTHING: 4390795.43

UTM GPS EASTING: 572315.43 GPS ELEVATION: 1,253'

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.

Hall Medley
Signature

Regulatory Manager
Title

4-3-20
Date

RECEIVED
Office of Oil and Gas
APR 06 2020
WV Department of
Environmental Protection

McLaughlin, Jeffrey W

From: John Landis <jlandis@nne-llc.com>
Sent: Thursday, May 28, 2020 10:51 AM
To: McLaughlin, Jeffrey W
Subject: RE: JW Wright 14 well construction
Attachments: JW Wright 14 Plugging Procedure.doc

Jeff,

Here is the JW Wright procedure updated with actual casing depths. I adjusted the procedure somewhat. I have each casing string being cut and then plugged. This may not happen, because the 5" and 6" may come out together, but better to have it in there than not. Anyway, if you see anything that I missed or that you would want more detail, just give me a call. Thanks for the records again!

Thanks,

John L. Landis III

Production Manager
Northeast Natural Energy LLC
48 Donley Street, Suite 601
Morgantown, WV 26501
Office: 304.212.0434
Cell: 304.216.6854



From: McLaughlin, Jeffrey W <Jeffrey.W.McLaughlin@wv.gov>
Sent: Thursday, May 28, 2020 8:53 AM
To: John Landis <jlandis@nne-llc.com>
Subject: JW Wright 14 well construction

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

RECEIVED
Office of Oil and Gas

APR 06 2020

WV Department of
Environmental Protection