



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

Wednesday, August 12, 2020
WELL WORK PLUGGING PERMIT
Vertical Plugging

CORE APPALACHIA OPERATING LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for 804640
47-039-00234-00-00

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.

A handwritten signature in blue ink, appearing to read 'James A. Martin', is positioned above the printed name and title.

James A. Martin
Chief

Operator's Well Number: 804640
Farm Name: MOHLER LUMBER CO.
U.S. WELL NUMBER: 47-039-00234-00-00
Vertical Plugging
Date Issued: 8/12/2020

Promoting a healthy environment.

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.

WW-4B
Rev. 2/01

1) Date July 15, 2020
2) Operator's
Well No. 804640
3) API Well No. 47-c39 - 00234

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 ~~248.45 m~~ 765 ft Watershed Dick's Creek of Little Coal River
District Washington County Kanawha Quadrangle Julian
- 6) Well Operator Core Appalachia, LLC 7) Designated Agent Jeff Mast
Address P.O. Box 6070 Address P.O. Box 6070
Charleston, WV 25362 Charleston, WV 25362
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Terry Urban Name R & J Well Services, Inc.
Address P.O. Box 1207 Address P.O. Box 40
Clendenin, WV 25045 Hueysville, KY 41640-0040

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

SEE ATTACHED SHEET

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Office of Oil and Gas
JUL 22 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

Terry Urban

Date

7-20-20

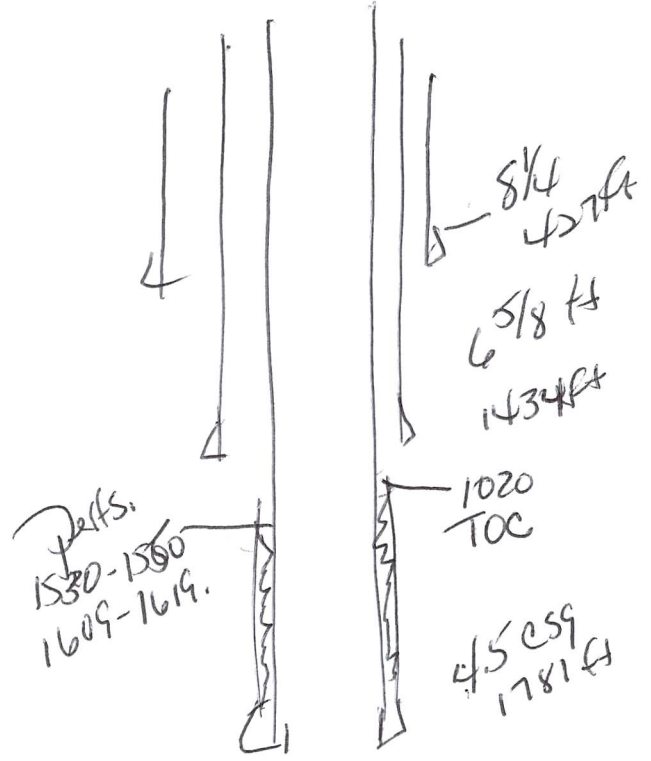
PLUGGING PROGNOSIS

804640
West Virginia, Kanawha County
API# 47-039-00234

Completed by S.T.
Updated 11/8/2019

Casing Schedule

- 10" csg @ 50'
- 8 1/4" csg @ 427'
- 6 5/8" csg @ 1434'
- 4 1/2" csg @ 1781'. Perfs @ 1530'-1550' & 1609'-1619'.
- 4" CIBP @ 1776'
- Historical TD 4308'
- Current TD 1669'
- *5/23/2005 CBL shows 4 1/2" TOC @ 1020'
- 4" Fluid Level 10/18/19 @ surface



- Completion: Well Recomplete in 2005
- Big Lime 1530'-1550' (34H)
 - Big Injun 1609'-1619' (40H)

Fresh Water: 40', 460'
 Gas Shows: 1455', 1538', 1609'
 Coal: 100'-102', 310'-312', 390'-391'
 Elevation: 765'

1. Notify Inspector, Terry Urban @ 304-549-5915, 48 hours prior to commencing operations.
2. Check and record pressures on csg.
3. Check TD w/ wireline
4. TIH w/ tbg 1619'. Load well as needed w/ 6% bentonite gel. Pump 189' C1A cement plug 1619'-1439' (Lime and Injun completion)
5. TOOH w/ tbg to 1430'. Pump 6% bentonite gel from 1430'-765'. TOOH LD tbg
6. Free point 4 1/2" csg. Cut and TOOH. TOC recorded @ 1020'. Set 100' C1A cement plug across csg cut. 50' in/out of cut.
7. Free point 6 5/8" csg. Cut and TOOH. Set 100' C1A cement plug across csg Cut. 50' in/out of cut. Do not omit any plugs listed below. Perforate as needed.
8. TIH w/ tbg to 765'. Pump 100' C1A cement plug from 765'-665' (Elevation).
9. TOOH w/ tbg to 665'. Pump 6% bentonite gel from 665'-510'. TOOH LD tbg.
10. Free Point 8 1/4" csg. Cut and TOOH. Set 100' C1A cement plug across csg Cut. 50' in/out of cut. Do not omit any plugs listed below. Perforate as needed.
11. TIH w/ tbg to 510'. Pump 250' C1A cement plug from 510'-260' (Coal, 8 1/4" csg st, and Fresh Water).
12. TOOH w/ tbg to 260'. Pump 6% bentonite from 260'-150'.
13. TOOH w/ tbg to 150'. Pump 150' C1A cement plug from 150'-surface (Coal and Fresh Water).
14. Erect monument with API#, date plugged, and company name.
15. Reclaim location and road to WV-DEP specifications.

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Signature
 Operator to pull all free casing come all pays coal & water elevation could eliminate
 7-20-20

WR-35

DATE: July 7, 2005

API: 47-3900234

State of West Virginia
 Division of Environmental Protection
 Section of Oil and Gas
 Well Operator's Report of Well Work

Ar

Farm name: Mohler Lumber Co.
 Location Elevation: 809.17'
 District: Washington

Operator Well No. 804640
 Quadrangle: Julian
 County: Kanawha

COLUMBIA NATURAL RESOURCES	Casing & Tubing	Used in drilling	Left in Well	Cement fill up Cu.Ft.
Address: P.O. Box 6070	10 1/4	50	50	Existing
Charleston, WV 25362	8 5/8	428	428	Existing
Agent: Michael A. John	7	1435	1435	Existing
Inspector: Carlos Hively	4 1/2	1781.5	1781.50	81
Date Permit Issued: 4/05/05	3 1/2	2094	35 with	Hookwall Pkr
Date Well work commenced: 5/13/05				
Date Well Work completed: 6/14/05				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Depth (feet):				
Fresh Water Depth (ft):				
Salt Water Depth (ft.):				
Is coal being mined in area (No)				
Coal Depths (ft): N/A				

OPEN FLOW DATA (SEE ATTACHED)

Producing formation: Pay zone depth (ft) from to
 Gas: Initial open flow TSTM MCF/d Oil: Initial open flow Bbl/d
 Final open flow MCF/d Final open flow Bbl/d
 Time of open flow between initial and final tests Hours
 Static rock Pressure psig (surface pressure) after 90 Hours

2nd producing formation: Pay zone depth (ft) from to
 Gas: Initial open flow TSTM Oil: Initial open flow Bbl/d
 Final open flow MCF/d Final open flow Bbl/d
 Time of open flow between initial and final tests Hours
 Static rock Pressure psig (surface pressure) after Hours

3rd producing formation: Pay zone depth (ft) from to; from to
 Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d
 Final open flow MCF/d Final open flow Bbl/d
 Time of open flow between initial and final tests Hours
 Static rock Pressure psig (surface pressure) after Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

WELL OPERATOR: COLUMBIA NATURAL RESOURCES, INC.

By: James Russell, Workover Specialist Date: 7/07/05
 Reviewed by: *R.E. Schindler* Date: 7/07/05
 Robert E. Schindler, Technical Administrator

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KAN 0234

Operator Well No: 804640 Workover

1ST STAGE: Foam Frac of Injun

Date Stimulated: 5/23/05

40 Perforations from 1609' to 1619'
Breakdown @ 2153 PSI,
ATP 1700 PSI,
Total N2 179,000 Scf.

Acid 200 gal. 15% HCL
Avg Rate 20 BPM
Total H2O 176 Bbl., Total Sand 51,800#
Post ISIP 1655 PSI, 5 min 1382 PSI

2nd STAGE: Foamed Acid of Big Lime

Date Stimulated: 5/23/05

34 Perforations from 1530' to 1550'
Breakdown @ 1938 PSI,
ATP 2745 PSI,
Total N2 37,000 Scf.

Acid 250 gal. 28% HCL
Avg Rate 10 BPM
Total H2O 73 Bbl., Total Acid: 1800 gal. 20% HCL
Post ISIP 1958 PSI, 5 min 1309 PSI

Combined FOF: 163 Mcf/d 7 Hours

Combined FRP: 95 PSI 96 Hours

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Columbia Natural Resources LLC
Mohler Lumber 804640
Scott District, Boone County, WV
47-005-00234-F
Ground elevation: 765; KB: 769

Formation	Top	Bottom
Siltstone, sand & shale	0	518
Salt Sand	518	638
Siltstone & shale	638	808
Salt Sand	808	938
Siltstone & shale	938	1088
Salt Sand	1088	1218
Shale	1218	1338
Little Lime	1338	1408
Big Lime	1408	1582
Shale	1582	1601
Injun sand	1601	1624
Pocono shale	1624	1810
LTD	1810	

Depths are electric log data.

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WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. Kan.-234Oil or Gas Well Gas
(Kind)

Company.....	United Fuel Gas Company	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address.....	Box 1256, Charleston, West Virginia	Size			
Farm.....	Mohler Lumber Company	16.....			Kind of Packer.....
Acres.....	3,000	13.....			Hook Wall
Location (waters).....	Dicks Creek	10.....		50	Size of.....
Well No.....	4640	8 1/4.....	427'-7"	427'-7"	3x6-5/8
Elev.....	765	6 5/8.....	1434'-11"	1434'-11"	Depth set.....
District.....	Washington	5 3/16.....			2075
County.....	Kanawha	3.....		2094'-0"	Perf. top..... None
The surface of tract is owned in fee by.....	Mohler Lumber Company	2.....			Perf. bottom.....
Address.....	Charleston, W. Va.	Liners Used.....			Perf. top.....
Mineral rights are owned by.....	Same				Perf. bottom.....
Address.....					
Drilling commenced.....	August 14, 1936				
Drilling completed.....	November 8, 1936				
Date shot.....	November 10, 1936				
Depth of shot.....					
Open Flow /10ths Water in.....					
Inch					
After Shot /10ths Merc. in.....	3				
Inch					
Volume.....	1,314,000				
Cu. Ft.					
Rock Pressure.....	380				
lbs.	48				
hrs.					
Oil.....					
bbls., 1st 24 hrs.					
Fresh water.....	40				
feet	460				
feet					
Salt water.....					
feet					
feet					

CASING CEMENTED..... SIZE..... No. FT..... Date

COAL WAS ENCOUNTERED AT..... 100 FEET..... 24 INCHES

310 FEET..... 24 INCHES..... 390 FEET..... 12 INCHES

..... FEET..... INCHES..... FEET..... INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Gravel			0	35			
Slate Sand			35	100			
Coal			100	102			
Slate Sand			102	310			
Coal			310	312			
Slate Sand			312	390			
Coal			390	391			
Sand			391	425			
Slate Sand			425	463			
Lime			463	475			
Gas Sand			475	636			
Slate			636	693			
Salt Sand			693	924			
Slate & Shell			924	1055			
Salt Sand			1055	1208			
Slate			1208	1216			
Red Rock			1216	1226			
White Slate			1226	1296			
Red Rock			1296	1300			
Lime			1300	1310			
Slate			1310	1333			
Lime			1333	1380			
Pencil Cave			1380	1386			
Big Lime			1386	1585	Gas	1455 & 1538	
Injun Sand			1585	1620			
Slate			1620	1713			
Big Shell			1713	1778			
Slate			1778	2052			
Br. Shale			2052	2059			
Berea Grit			2059	2077	Gas	2059-2063	
Slate & Shells			2077	2195	Gas	2066-2077	
Lime Shell			2195	2205			
Slate & Shells			2205	3235	Gas	2400-2410	
Brown Shale			3235	3277	Gas	3045&3195	
Slate & Shells			3277	3472	Gas	3200&3235	
Brown Shale			3472	3510			
White Slate			3510	3535			
Brown Shale			3535	3698			
White Slate			3698	4100			
Brown Shale			4100	4308			
Corniferous Lime			4308				
TOTAL DEPTH			4308				

(Over)

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4/6/10

19

Well No. 247 (Serial No.) on 11125 Farm

Was shot this date with 3350 # quarts

Number of Shells 50

Length of Shells 5 1/4'

Top of Shot 2683

Bottom of Shot 3207

Top of Slate Shell Sand 2205 feet
(Name of Sand)

Bottom of Slate Shell Sand 3236 feet
(Name of Sand)

Total Depth of Well 4308

Results:

Remarks: k. l. ...

Signed K. W. ... District Supt

NOTE - When a well is shot this form must be filled out and sent to the General Superintendent.

WW-4A
Revised 6-07

1) Date: July 15, 2020
2) Operator's Well Number
804640

3) API Well No.: 47 - 039 - 00234

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>Mohler Timberlands LLC</u>	Name _____
Address <u>135 Corporate Drive - Suite 510</u>	Address _____
<u>Scott Depot, WV 25560</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Mohler Timberlands LLC</u>
_____	Address <u>135 Corporate Drive - Suite 510</u>
_____	<u>Scott Depot, WV 25560</u>
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Terry Urban</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 1207</u>	Name <u>See Attached List</u>
<u>Clendenin, WV 25045</u>	Address _____
Telephone <u>304-549-5915</u>	_____

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

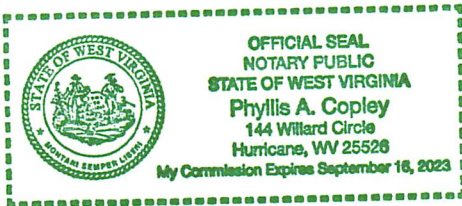
- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

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 registered mail in certain circumstances) on or before the day of mailing or delivery to the Chief.

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JUL 22 2020



Well Operator Core Appalachia, LLC
 By: [Signature] Jeff Mast
 Title: Director of Production
 Address P.O. Box 6070
Charleston, WV 25362
 Telephone 304-543-6988

Subscribed and sworn before me this 15th day of July, 2020
Phyllis Copley Notary Public
 My Commission Expires September 16, 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.

WW-4B

API No. 47-039-00234 P
Farm Name Mohler Lumber Company
Well No. 804640

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JUL 24 2020

WV Department of
Environmental Protection

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

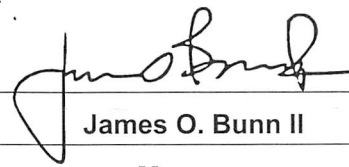
This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: 21-Jul-20


By: James O. Bunn II
Its Manager

COAL RIVER ENERGY

Core Appalachia, LLC
Operator's Well Number: 804640
API: 47-039-00234

COAL LESSEE(S)

Coal River Energy
148 Bristol East Road
Bristol, Virginia 24202

Managing Member:
Joseph G. Bunn, Esq
Steptoe & Johnson PLLC
P.O. Box 1588
Charleston, WV 25362

COAL SUBLESSEE(S)

Lexington Coal Company, LLC
P.O. Box 58370
Charleston, WV 25538-0370

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804640

47-039-00234P

7017 1450 0002 3854 0832

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SCOTT DEPOT, WV 25560

OFFICIAL USE

Certified Mail Fee	\$3.55	0523
\$	\$2.85	03
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	\$1.60	07/16/2020
\$		
Total Postage	\$8.00	
\$		
Sent To	804640 P&A	
Street and	Mohler Timberlands LLC	
City, State	135 Corporate Drive, Suite 510	
	Scott Depot, WV 25560	

PS Form 3800, See reverse for instructions

7017 1450 0002 3854 0771

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CHARLESTON, WV 25358

OFFICIAL USE

Certified Mail Fee	\$3.55	0523
\$	\$2.85	03
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	\$1.40	07/16/2020
\$		
Total Postage	\$7.80	
\$		
Sent To	804640 P&A	
Street and	Lexington Coal Company, LLC	
City, State	P.O. Box 58370	
	Charleston, WV 25358-0370	

PS Form 3800, See reverse for instructions

7017 1450 0002 3854 0788

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CHARLESTON, WV 25326

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Certified Mail Fee	\$3.55	0523
\$	\$2.85	03
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	\$1.40	07/16/2020
\$		
Total Postage	\$8.00	
\$		
Sent To	804640 P&A	
Street and	Joseph G. Bunn, Esq	
City, State	Coal River Energy – Managing Member	
	Step toe & Johnson PLLC	
	P.O. Box 1588	
	Charleston, WV 25362-2526	

PS Form 3800, See reverse for instructions

7017 1450 0002 3854 0825

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\$	\$2.85	03
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	\$1.40	07/16/2020
\$		
Total Postage	\$7.80	
\$		
Sent To	804640 P&A	
Street and	Coal River Energy	
City, State	148 Bristol East Road	
	Bristol, Virginia 24202	

PS Form 3800, See reverse for instructions

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JUL 17 2020
WV Department of
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47-039-00234P

WW-9
(5/16)

API Number 47 - 039-00234
Operator's Well No. 804640

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Core Appalachia, LLC OP Code 494518671

Watershed (HUC 10) Dicks Creek of Little Coal River (050500090503) Quadrangle Julian

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: Plugging returns/Cement

Will a synthetic liner be used in the pit? Yes No If so, what ml.? 20

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain Any fluid recovered will be hauled and disposed of properly)

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

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

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

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Office of Oil and Gas

JUL 22 2020

Additives to be used in drilling medium? _____

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

WV Department of
Environmental Protection

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

-Landfill or offsite name/permit number? _____

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 [Signature]

Company Official (Typed Name) Jeff Mast

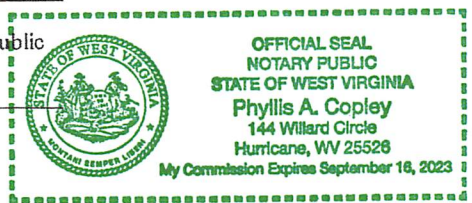
Company Official Title Director of Production

Subscribed and sworn before me this 15th day of July, 2020

Phyllis A. Copley

Notary Public

My commission expires September 16, 2023



+/-

Proposed Revegetation Treatment: Acres Disturbed _____ Prevegetation pH _____
 Lime 3 Tons/acre or to correct to pH 6.5
 Fertilizer type 10-20-20 or equivalent
 Fertilizer amount _____ lbs/acre
 Mulch 2 Tons/acre

Seed Mixtures

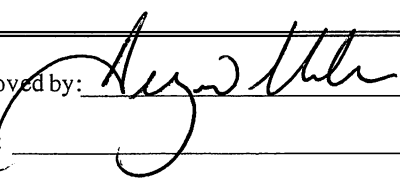
Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike	5	Alsike Clover	5
Annual Rye	15		

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.

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Office of Oil and Gas

JUL 22 2020

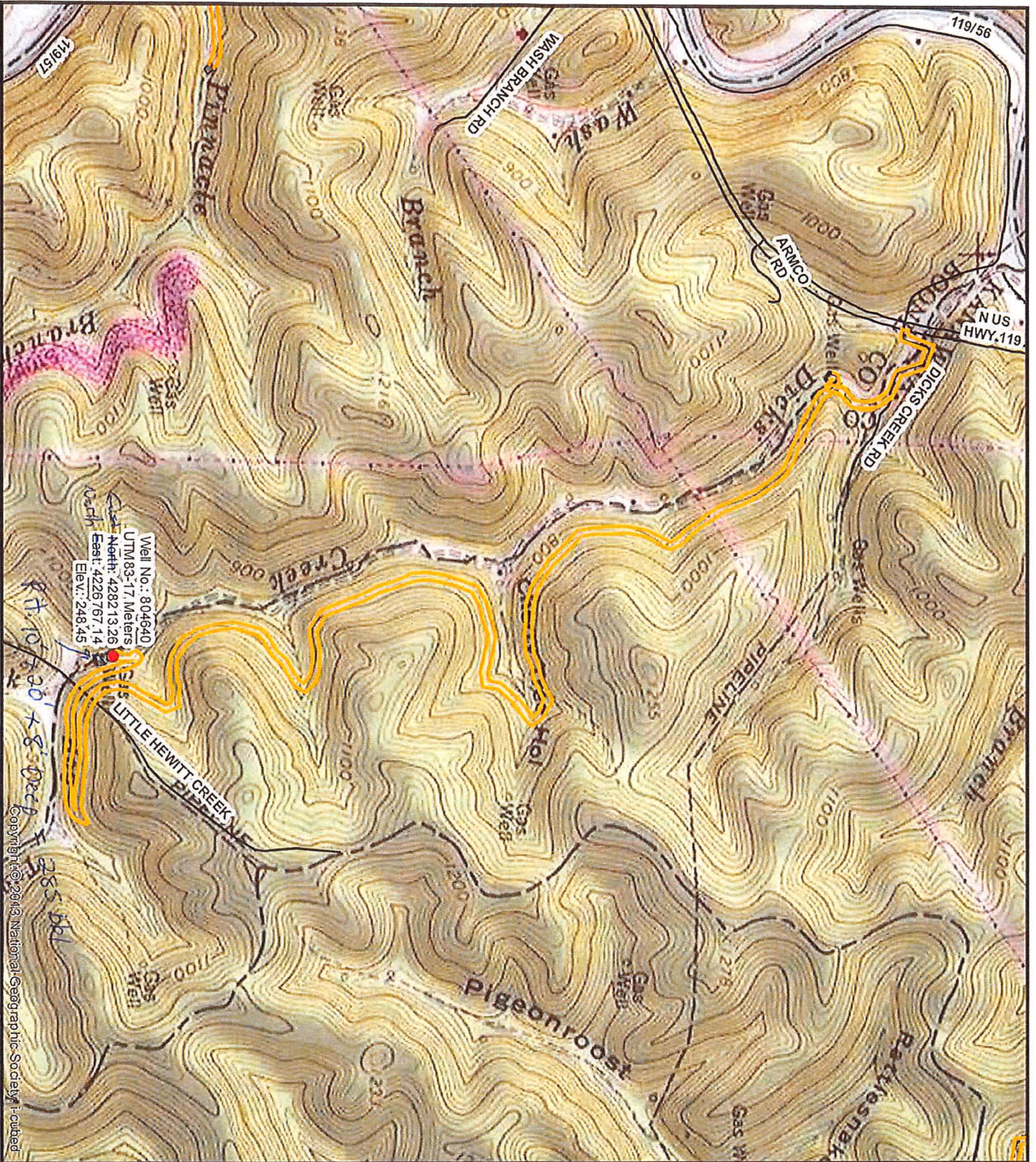
Plan Approved by: 

Comments: _____

WV Department of
Environmental Protection

Title: Inspector DeLoos Date: 7-20-20

Field Reviewed? () Yes () No



Well No.: 804640
 UTM 83-17 Meters
 East: 428213.26
 North: 4226767.14
 Elev.: 248.45

RT. 107.30' x 8.00' Dec 17
 285.64'

Copyright © 2013 National Geographic Society. Included



Diversified Gas & Oil Corporation
 100 Diversified Way
 Pileville KY, 41051

804640

Plugging Map

47-639-00234

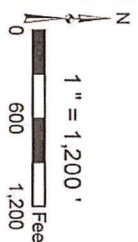
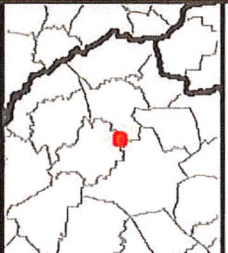
Legend

● Well

— Access Road

— Plugging

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 Office of Oil and Gas
 JUL 7 2020
 Public Records
 WV Department of Environmental Protection



WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-039-00234 WELL NO.: 804640

FARM NAME: Mohler Lumber Company

RESPONSIBLE PARTY NAME: Core Appalachia Operating, LLC

COUNTY: Kanawha DISTRICT: Washington

QUADRANGLE: Julian

SURFACE OWNER: Mohler Timberlands, LLC

ROYALTY OWNER: Mohler Mineral, LLC

UTM GPS NORTHING: 4,226,767.14

UTM GPS EASTING: 428,213.26 GPS ELEVATION: 248.45 m ^{815'}

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.

[Signature]
Signature

Director Production
Title

7-14-2020
Date

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WV Department of
Environmental Protection