



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

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Monday, March 29, 2021
WELL WORK PLUGGING PERMIT
Vertical Plugging

LITTLE KANAWHA SOIL CONSERVATION DISTRICT
91 BOYLES LANE
PARKERSBURG, WV 26104

Re: Permit approval for 1A
47-085-05813-00-00

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: 1A
Farm Name: COKELEY, GEORGE
U.S. WELL NUMBER: 47-085-05813-00-00
Vertical Plugging
Date Issued: 3/29/2021

Promoting a healthy environment.

04/02/2021

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 November 9th, 2020
2) Operator's
Well No. COKELEY 1-A
3) APT Well No. 47-085-05813P

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 _____

5) Location: Elevation 835 Watershed NORTH FORK OF HUGHES RIVER
District GRANT County RITCHIE Quadrangle HARRISVILLE 7.5'

6) Well Operator LITTLE KANAWHA CONSERVATION DISTRICT 7) Designated Agent BOB BUCHANAN
Address 91 BOYLES LANE Address 91 BOYLES LANE
PARKERSBURG, WV 26104 PARKERSBURG, WV 26104

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name MICHAEL GOFF Name PATCHWORK OIL & GAS, LLC
Address 723 AUBURN RD Address PO BOX 168
PULLMAN, WV 26421 DAVISVILLE, WV 26142

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

WORK ORDER ATTACHED.

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Office of Oil and Gas

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

Work order approved by inspector Derek M. Haught Date 12/3/20

4708505813P

Cokeley #1-A
47-085-05813

Run bond logs when necessary to find cement top. **Gel spacers in between all cement plugs. Use Class A cement with no more than 3% CaCl₂ and no other additives on all plugs.**

1. Prepare plugging permit application.
2. Certify to surface and coal owners as necessary.
3. Certify and/or email to designated State Inspector for signature.
4. Once all signatures are obtained, copy for records and certify to state level for approval.
5. Receive plugging permit; good for 2 years.
6. Notify designated State Inspector 24 hours prior to commencing operations.
7. Move rig and equipment to location.
8. Attempt to clean out well bore, pull rods and tubing. If necessary.
9. Verify total depth of 4600'.
10. Run tubing to 50' below the first set of perforations (3650-3640) to 50' above the second set of perforations. (3510-3500). Total plug set from 3700-3450; bottom plug.
11. Pull tubing back and wait for cement to set.
12. Run in, tag plug, add additional cement, if necessary.
13. Run 6% Bentonite gel.
14. Look for free point = 2600ish'
15. Cut 4 ½ and remove salvage, if any.
16. Place second plug 50' below to 50' above the 4 ½ casing cut. (100' minimum)
17. Pull tubing back and wait for cement to set.
18. Run in, tag plug, add additional cement, if necessary.
19. Place third plug across the 8 5/8. Total plug set from 1688-1588. (100' minimum)
20. Pull tubing back and wait for cement to set.
21. Run in, tag plug, add additional cement, if necessary.
22. Pull tubing back to 100' and place surface plug to surface.
23. Pull tubing out.
24. Set 3' high x 6" casing with concrete; add API for identification.
25. Rig down and move out.
26. Reclaim location.
27. Prepare WR-34 & WR-38 for permit release.

DMDH 12/3/20

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04/02/2021

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OIL AND GAS DIVISION WV DEPARTMENT OF MINES



State of West Virginia
Department of Mines
Oil and Gas Division
Operator's Well No. Cokeley 1-A
Farm George Cokeley
API No. 47 - 085 - 5813
Date October 6, 1982

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal / (if "Gas" production / Deep / Shallow /)
LOCATION: Elevation: 835' Watershed North Fork of Hughes River District: Grant County Ritchie Quadrangle Harristville 7.5

COMPANY: United Operating Company

ADDRESS 930 Commerce Sq., Charleston, WV 25301
DESIGNATED AGENT J. L. Tittipo/Lyle T. Coffman
ADDRESS 930 Commerce Sq., Charleston, WV 25301

SURFACE OWNER George Cokeley
ADDRESS Rt. 1, Harristville, WV 26362
MINERAL RIGHTS OWNER George Cokeley
ADDRESS Rt. 1, Harristville, WV 26362

OIL AND GAS INSPECTOR FOR THIS WORK Sam Hersman
ADDRESS Smithville, WV
PERMIT ISSUED August, 1982
DRILLING COMMENCED 9-8-82
DRILLING COMPLETED 9-13-82

IF APPLICABLE: PLUGGING OF DRY HOLE OR CONTINUOUS PROGRESSION FROM DRILLING OR REMORING. VERBAL PERMISSION OBTAINED ON

Size	Used in	Left	Drilling in Well	Cu. Ft.
Casing	Used in	Left	Drilling in Well	Cu. Ft.
20-16				
13-10"				
9 5/8				
8 5/8		1638	1638	circulated
7				
5 1/2"				
4 1/2"		4600	2000 fill	2000 fill
3				
2				
Liners used				

GEOLOGICAL TARGET FORMATION - Devonian shale
Depth 4,636 feet
Cable Tools
Depth of completed well 4,677 feet
Rotary X
Is coal being mined in the area? no

PRODUCING FORMATION Warren - Speeghley
Pay zone depth 3,630-80 feet
Gas: Initial open flow N/A MCF/D
OIL: Initial open flow N/A Bbl/D
Final open flow no test MCF/D
Bbl/D

Static rock pressure _____ psig (surface measurement) after _____ hours
Time of open flow between initial and final tests _____ hours
Final operation no test _____ MCF/D
OIL: Final open flow _____ Bbl/D
Gas: Initial open flow N/A MCF/D
OIL: Initial open flow N/A Bbl/D
Final open flow no test _____ MCF/D
Bbl/D

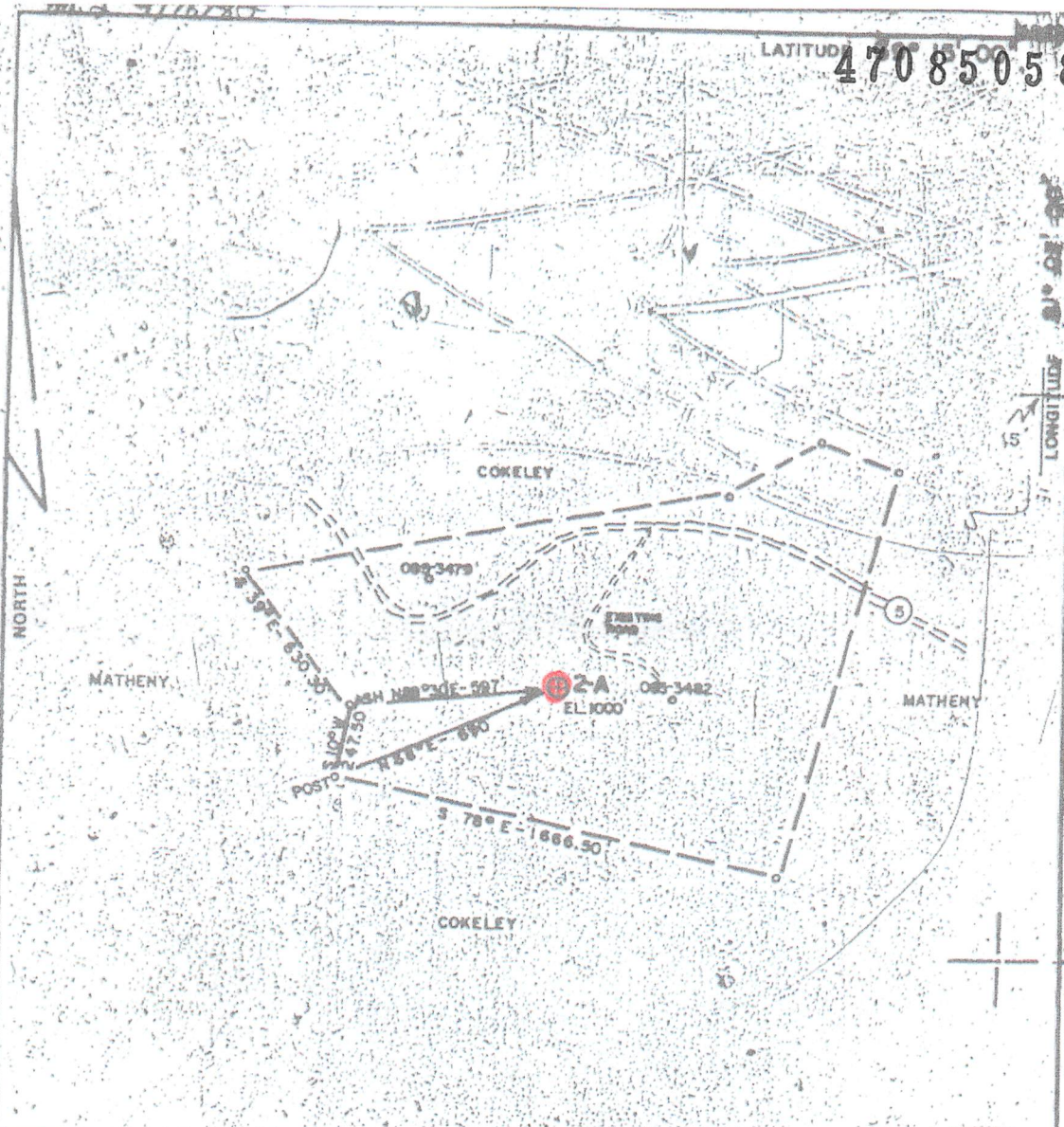
Second producing formation Speeghley
Pay zone depth 3,490-3570 feet
Gas: Initial open flow N/A MCF/D
OIL: Initial open flow N/A Bbl/D
Final open flow no test _____ MCF/D
Bbl/D
Static rock pressure _____ psig (surface measurement) after _____ hours
Time of open flow between initial and final tests _____ hours
Final operation no test _____ MCF/D
OIL: Final open flow _____ Bbl/D
Gas: Initial open flow N/A MCF/D
OIL: Initial open flow N/A Bbl/D
Final open flow no test _____ MCF/D
Bbl/D

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RIT - 5813

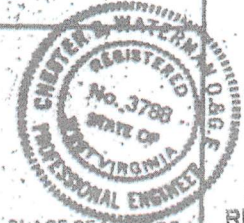
5/1/82 100

LATITUDE **47° 05' 05.813 P**



FILE NO. **92-94**
 DRAWING NO. _____
 SCALE: **1" = 800'**
 MINIMUM DEGREE OF ACCURACY: **1/200'**
 PROVEN SOURCE OF ELEVATION: **WELL # 306 (1037)**

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) *Old Matheny*
 R.P.E. **3788** J.L.S.



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE **3/22** 19 **82**
 OPERATOR'S WELL NO. **2-A**
 API WELL NO. **47-085**
 STATE: **47** COUNTY: **085**
 PERMIT **5813-Rev**

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(H) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION **1000'** WATER SHED **N. FORK HUGHES RIVER**
 DISTRICT **GRANT** COUNTY **RITCHIE**
 QUADRANGLE **HARRISVILLE 7.9**
 SURFACE OWNER **GEORGE COKELEY** ACREAGE **4.9**
 OIL & GAS ROYALTY OWNER **GEORGE COKELEY** LEASE ACREAGE **4.9**
 LEASE NO. _____
 PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION **DEVONIAN SHALE** ESTIMATED DEPTH **5500'**
 WELL OPERATOR **UNITED OPERATING CO** DESIGNATED AGENT **SAME**
 ADDRESS **STE 930 COMMERCE SQUARE** ADDRESS _____
CHARLESTON, WV

P.T. 5813 Rev.

04/02/2021

4708505813P

WW-4A
Revised 6-07

1) Date: NOVEMBER 9TH, 2020
2) Operator's Well Number
COKELEY 1-A
3) API Well No.: 47 - 085 - 05813

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 <small>WV DIV. OF NATURAL RESOURCES LANDS & STREAMS OFFICE</small>	Name <u>N/A</u>
Address <u>324 4TH AVE.</u>	Address _____
<u>SOUTH CHARLESTON, WV 25303</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>N/A</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Mike Goff</u> <u>Derek M. Haught</u>	(c) Coal Lessee with Declaration
Address <u>1723 ALBERTA RD.</u> <u>PO BOX 85</u>	Name <u>N/A</u>
<u>PULLMAN, WV 26121</u> <u>Smithville, WV 26178</u>	Address _____
Telephone <u>304-549-5523</u> <u>304-206-7613</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 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-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 Little Kanawha Conservation District
 By: K. Robert Buchanan
 Title: Chairman
 Address 91 Boyles Lane
Parkersburg, WV 26104
 Telephone 304-422-9088

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Office of Oil and Gas

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WV Department of
Environmental Protection

Subscribed and sworn before me this 13 day of November
J. M. Lott Notary Public
My Commission Expires Aug. 7, 2024

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.

04/02/2021

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

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

South Charleston, WV 25303

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 \$0.85
 Total Postage and Fees \$7.40

0763
05

Postmark
Here

11/16/2020

Sent To WV Div. of Natural Resources
 Street and Apt. No., or PO Box No. Plugging 324 4th Ave
 City, State, ZIP+4® South Charleston, WV 25313

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

See Reverse for Instructions

7017 1450 0001 9492 7388

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04/02/2021

SURFACE OWNER WAIVER

Operator's Well
Number

COKELEY 1-A

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

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DEC 11 2020
WV Department of
Environmental Protection

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

_____	_____	_____	_____
Signature	Date	Name	
		By	_____
		Its	_____
			Date

Signature _____ Date _____

4708505813P

WW-4B

API No. 47-085-05813
Farm Name _____
Well No. COKELEY 1-A

**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: _____

By: _____
Its _____
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DEC 11 2020
WV Department of
Environmental Protection

WW-9
(5/16)

API Number 47 - 085 - 05813
Operator's Well No. _____

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

Operator Name LITTLE KANAWHA CONSERVATION DISTRICT OP Code _____

Watershed (HUC 10) NORTH FORK OF HUGHES RIVER Quadrangle HARRISVILLE 7.5

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

If so, please describe anticipated pit waste: N/A

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) DWAH 12/3/20
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain VAC TRUCK WILL BE USED FOR ANY FLUIDS ASSOCIATE WITH PLUGGING. ANY FLUIDS WILL BE SHIPPED OR PLACED IN A REGISTERED TANK FOR LATER SHIPMENT. _____)

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

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

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

Additives to be used in drilling medium? N/A

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

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

-Landfill or offsite name/permit number? N/A

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.

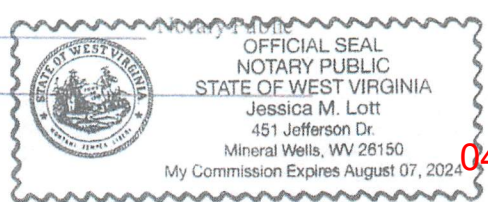
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is 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 K. Robert Buchner
Company Official (Typed Name) K. Robert Buchner
Company Official Title Chairman of Board

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DEC 11 2020
WV Department of
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Subscribed and sworn before me this 13 day of November, 20 20

Opmlott
My commission expires Aug. 7, 2024



04/02/2021

Operator's Well No. _____

Proposed Revegetation Treatment: Acres Disturbed 1 ACRE +/- Prevegetation pH _____

Lime 2 Tons/acre or to correct to pH _____

Fertilizer type 10-20-10

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type	lbs/acre
CONTRACTOR SEED 30	

Seed Type	lbs/acre
CONTRACTOR SEED 30	30

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: Derek M. Haught

Comments: _____

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Title: Oil & Gas Inspector Date: 12/3/20

Field Reviewed? (X) Yes () No

47-085-05813
4708505813P

WW-9- GPP
Rev. 5/16

Page 1 of 2
API Number 47 - 085 - 05813
Operator's Well No. 1-A

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

Operator Name: LITTLE KANAWHA CONSERVATION DISTRICT
Watershed (HUC 10): NORTH FORK OF HUGHES RIVER Quad: HARRISVILLE 7.5
Farm Name: Cokeley

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

N/A, NO PIT

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

N/A, NO PIT

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

N/A, NO PIT

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

N/A, NO PIT

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

04/02/2021

71-000-05813
4708505813P

WW-9- GPP
Rev. 5/16

Page 2 of 2
API Number 47 - 085 - 05813
Operator's Well No. 1-A

N/A, NO PIT

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

N/A, NO PIT

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.

N/A, NO PIT

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

N/A, NO PIT

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Environmental Protection

Signature: _____

Date: _____

4708505813 P

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-085-05813 WELL NO.: 1-A

FARM NAME: COKELEY

RESPONSIBLE PARTY NAME: LITTLE KANAWHA CONSERVATION DISTRICT

COUNTY: RITCHIE DISTRICT: GRANT

QUADRANGLE: HARRISVILLE 7.5

SURFACE OWNER: WV DIV. OF NATURAL RESOURCES LANDS AND STREAMS OFFICE

ROYALTY OWNER: UNKNOWN

UTM GPS NORTHING: 4340412.3

UTM GPS EASTING: 492546.5 GPS ELEVATION: 835

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

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:
Survey grade GPS : Post Processed Differential
Real-Time Differential
Mapping Grade GPS : Post Processed Differential
Real-Time Differential
- Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

K. Robert Buchanan Chairman 11/13/20
Signature Title Date

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WV Department of
Environmental Protection

04/02/2021

Cokeley 1-A
PLUGGING PERMIT CHECKLIST

11/10/2016

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~~ no pit used

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