October 21, 2014

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-5101790, issued to CONSOLIDATION COAL COMPANY, 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 all 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. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator’s employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.

James Martin
Chief

Operator's Well No: M-1552
Farm Name: MCCONAUGHEY, JOHN D.
API Well Number: 47-5101790
Permit Type: Plugging
Date Issued: 10/21/2014

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.
STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS
APPLICATION FOR A PERMIT TO PLUG & ABANDON

4.) WELL TYPE: Oil ______ / Gas X / Liquid injection ______ / Waste disposal ______ / (IF "Gas", Production ______ / Underground storage ______ / Deep ______ / Shallow X)______

5.) LOCATION: Elevation: 1324.31' ______ Watershed: Middle Grave Creek-Grave Creek.
District: Cameron ______ County: Marshall ______ Quadrangle: Cameron, WV-PA 7.5' ______

6.) WELL OPERATOR: Consolidation Coal Company ______
Address: 6126 Energy Road ______
Moundsville, WV 26041 ______

7.) DESIGNATED AGENT: Ronnie Harsh ______
Address: 21 Bridge Street ______
Monongah, WV 26554 ______

8.) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: James Nicholson ______
Address: PO BOX 44 ______
Moundsville, WV 26041 ______

9.) PLUGGING CONTRACTOR: Name: ______
Address: ______

10.) WORK ORDER: The work order for the manner of plugging this well is as follows:

SEE EXHIBIT NO. 1

101C

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

Reserved
Office of Oil and Gas

Work order approved by inspector: ___________________________ Date: SEP 04, 2014

WV Department of Environmental Protection
EXHIBIT NO. 1

From the experience and technology developed since 1970 in plugging oil and gas wells for mining through, Consolidation Coal's Northern West Virginia Operations will utilize one of the following two methods to plug all future wells.

**4½ VENT PIPE METHOD**

(a) If active well: clean out to total depth and plug back according to state regulations to a minimum of 200 feet below lowest minable coal seam.

(b) If abandoned well: clean out to first plug 200 feet below lowest minable seam.

(c) Run 4½ casing from surface to minimum 200 feet below lowest minable seam and circulate 50/50 poz mix cement followed by expanding cement to surface. The expanding cement shall extend from minimum 200 feet below minable coal seam to a point 100 feet above.

The 4½ will remain open from surface to a minimum of 80 feet below that minable coal seam.

**SOLID PLUG METHOD**

(a) If active well: clean out to total depth and plug back according to state regulations to a minimum of 200 feet below lowest minable coal seam.

(b) If an abandoned well: clean out to first plug 200 feet below lowest minable coal seam.

(c) Circulate through tubing or drill steel an expanding cement plug from a minimum of 200 feet below minable coal seam to a point 100 feet above minable coal.

Circulate through tubing or drill steel 50/50 poz mix from 100 feet above coal seam to surface.

A monument will be installed with API No. and stating "solid plug".

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A4/EXCR/EXHIBIT1.RED

RECEIVED
Office of Oil and Gas
SEP 04 2014
WV Department of Environmental Protection
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
(a) Name John D. McConaughey
   Address 102 Pennsylvania Ave
   Cameron WV 26033

(b) Name
   Address

(c) Name
   Address

(6) INSPECTOR
   Address
   Telephone

5a) COAL OPERATOR
   Name CONSOLIDATION COAL CO.
   Address 6126 Energy Road
   Moundsville, WV 26041

(b) COAL OWNER(S) WITH DECLARATION:
   Name
   Address

(c) COAL LESSEE WITH DECLARATION:
   Name
   Address

TO THE PERSON(S) 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 and its location 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 OF THE COPY OF THE APPLICATION (FORM WW-4B) DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice 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 delivery by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery by the Chief.

WELL OPERATOR Consolidation Coal Company

By Mason Smith

Its Project Engineer

Address 6126 Energy Road

Moundsville, WV 26041

Telephone 304-843-3565

Subscribed and sworn before me this 29th day of August, 2019

Joseph E. Williams County, State of West Virginia

My commission expires June 5th, 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 required 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 dep.privacyoffice@wv.gov.

10/24/2014
U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No insurance Coverage Provided)

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

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Postage & Fees $7.40

09/02/2014

Sent To: John D. McDonawhen
Address: 102 Pennsylvania Ave
City, State, ZIP: Cameron, WV, 26033

PS Form 3800, August 2006
See Reverse for Instructions
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name: Consolidation Coal Company

Watershed: Middle Grave Creek – Grave Creek

Quadrangle: Cameron WV-PA, 7.5'

Elevation: 1324.31'

County: Marshall

District: Cameron

Description of anticipated Pit Waste: N/A

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

Will a synthetic liner be used in the pit? N/A ___ If so, what mil.? ___

Proposed Disposal Method For Treated Pit Wastes:

- Underground Injection (UIC Permit Number ___)
- Reuse (at API Number ___)
- Off Site Disposal (Supply form WW-9 for disposal location ___)
- X Other (Explain Tanks, see attached letter ___)

Drilling medium anticipated for this well? Air, freshwater, oil based, etc. ___ Freshwater ___

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

Additives to be used? Bentonite, Bicarbonate of Soda ___

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. ___ Reused or Disposed (see attached letter ___)

-If left in pit and plan to solidify what medium will be used? Cement, lime, sawdust ___

-Landfill or offsite name/permit number ___

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature: ____________________________________________________________________________

Company Official (Typed Name): Mason Smith

Company Official Title: Project Engineer

Subscribed and sworn before me this ___ day of 20___

Signature: __________________________________________________________________________

My commission expires ___

[Notary Public Stamp]
August 29, 2014

Department of Environmental Protection
Office of Oil and Gas
601-57th Street
Charleston, WV 25320

To Whom It May Concern,

As per the Division of Environmental Protection, Office of Oil and Gas request, Consolidation Coal Company submits the following procedures utilizing pit waste.

Upon submitting a well work application (without a general permit for Oil & Gas Pit Waste Discharge Application), Consolidation Coal Company will construct no pits, but instead will use mud tanks to contain all drilling muds.

Once the well is completed, that material (minus the cave material) will be trucked to the next well to be plugged or to DEP facilities number U-0033-83, O-1001-00, U-1035-91U-46-84, U-78-83, O-1044-9, or U-100-83.

Sincerely,

Mason Smith
Project Engineer