November 25, 2014

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-5100466, 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: 4722
Farm Name: CROW, MICHAEL
API Well Number: 47-5100466
Permit Type: Plugging
Date Issued: 11/25/2014

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 ________ / (IP “Gas”, Production ________ / Underground storage ________ / Deep ________ / Shallow ________

5.) LOCATION: Elevation: 1220.65' ________ Watershed: Dunkard Fork ________
District: Webster ________ County: Marshall ________ Quadrangle: Moundsville, WV-PA 7.5' ________

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

7.) DESIGNATED AGENT: Ronnie Harsh ________
Address: 1 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

RECEIVED
Office of Oil and Gas
OCT 1 2014

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 __________________________ Date __________________________
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".

RECEIVED
Office of Oil and Gas
OCT 1 4 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: Wheeling Creek Watershed Commission
Address: Marshall County Building 7th st.
Moundsville 26041 attn: Howard W. Coffield

(b) Name: 
Address: 

(c) Name: 
Address: 

(d) Name: 
Address: 

(e) INSPECTOR
Address: 
Telephone: 

5) a) 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: 

I have received this Form and the following documents:

Form WW-6B, which sets out the well and its location and the plugging plan on Form WW-6.

AT YOU HAVE RIGHTS REGARDING THE APPLICATION.
THE REVERSE SIDE OF THE COPY OF THE APPLICATION
YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

The undersigned well operator proposes to file or has filed this Notice; and abandon a well with the Chief of the Office of Oil and Gas. West the well at the location described on the attached Application and depicted on the plat have been mailed by registered or certified mail or delivery by

WELL OPERATOR: Consolidation Coal Company
By: Ronnie Harsh
Its: Project Engineer / Agent
Address: 1 Bridge Street
Monongah WV 26554
Telephone: (304) 534-4748

Subscribed and sworn before me this 10th day of October, 2014.
Marshall County, State of West Virginia

My commission expires June 10, 2014.

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 depprivacyoffice@wv.gov.

11/28/2014
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
OP Code: __________

Watershed: Dunkard Fork
Quadrangle: Majorsville, 7.5'

Elevation: 1220.65'
County: Marshall
District: Webster

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__________________________)

X_____ Off Site Disposal (Supply form WW-9 for disposal location)

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

Received by: Office of Oil and Gas

WV Department of Environmental Protection

Subscribed and sworn before me this _______ day of ________, 2014

Notary Public:

My commission expires ________, 20____
October 8, 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
FILE #: SGW-163
DRAWING #: SGW-163
SCALE: 1" = 600'

MINIMUM DEGREE OF ACCURACY: 1/2500
PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT 1498.81

(+*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

WVDEP OFFICE OF OIL & GAS
601 5TH STREET
CHARLESTON, WV 25304

Well Type: □ Oil □ Waste Disposal □ Production □ Deep
□ Gas □ Liquid Injection □ Storage □ Shallow

WATERSHED: DUNKARD FORK
COUNTY/DISTRICT: MARSHALL/WEBSTER
QUADRANGLE: MAJORSVILLE, WV–PA 7.5'

SURFACE OWNER: WHEELING CREEK WATERSHED COMMISSION
ACREAGE: 137.425±

OIL & GAS ROYALTY OWNER: 

ACREAGE: 

TARGET FORMATION: NONE
ESTIMATED DEPTH:

WELL OPERATOR: CONSOLIDATION COAL COMPANY
ADDRESS: 6126 ENERGY DRIVE
CITY: MOUNDSVILLE
STATE: WV
ZIP CODE: 26041

DESIGNATED AGENT: RONNIE HARSH
ADDRESS: 6126 ENERGY DRIVE
CITY: MOUNDSVILLE
STATE: WV
ZIP CODE: 26041

DATE: OCTOBER 3, 2014
OPERATOR'S WELL #: SGW-163
API WELL #: 47 51 00486P
STATE COUNTY PERMIT

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 ENVIRONMENTAL PROTECTION.

SIGNED:


No. 2000 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR LICENSED

NOTE:
It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted herein. The location of the boundary lines, as shown, are based on recorded deed descriptions. No evidence found and/or tax map position, unless otherwise noted.

11/28/2014

George Q. S. X.