February 18, 2014

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-5100337, issued to CONSOL PENNSYLVANIA COAL COMPANY LLC, 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: 5012 (4525)
Farm Name: STROPE, MILDRED G. EST.
API Well Number: 47-5100337
Permit Type: Plugging
Date Issued: 02/18/2014

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
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 X") Deep ____/ Shallow X

5) Location: Elevation 1260.97'
   District Webster
   Watershed Granny Run
   County Marshall 51
   Quadrangle Majorsville, WV 7.5' 463

6) Well Operator Consol Pennsylvania Coal Co. LLC
   Address 1000 Consol Energy Drive
   Canonsburg, PA 15317
   Designated Agent Don Teter - Doug Dinger
   Address 1525 Pleasant Grove Road, Box J
   Claysville, PA 15323

8) Oil and Gas Inspector to be notified
   Name Derek Haught
   Address P.O. Box 85
   Smithville, WV 26178

9) Plugging Contractor
   Name
   Address

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

   CEMENT PLUGS, EXCEPT WHERE EXPANDING CEMENT IS REQUIRED, MUST BE A MINIMUM
   OF 100 FEET CLASS A CEMENT WITH NO MORE THAN 3% CaCl₂ AND NO OTHER ADDITIVES.

   JWM 2/13/2014

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

Work order approved by inspector ___________________________ Date ________________ 02/21/2014
EXHIBIT No. 1

From the experience and technology developed since 1970 in plugging oil and gas wells for mining through, Consol Pennsylvania Coal Company will utilize the following method to plug all future wells.

SOLID PLUG METHOD

(a) If active well: clean out to total attainable 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. Class A Cement

Circulate through tubing or drill steel 60/30 poz-mix from 100 feet above coal seam to surface.

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

- **Company:** The Manufacturing Light and Heat Company
- **Address:** 500 Union Trust Building, Eph., 19, Pennsylvania
- **Farm:** William T. Phillips
- **Acres:** 130
- **Location (wells):**
- **Well No.:** 3955
  - **Elev.:** 1258.60
- **District:** Webster, County: Marshall
- **The surface of tract is owned by:** Address
- **Mineral rights are owned by:** Address
- **Drilling commenced:** February 13, 1950
- **Drilling completed:** June 22, 1950
- **Date Shot:** From...To...

**Casing and Tubing**

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<tr>
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<tr>
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<td>Depth</td>
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<tr>
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**CASING CEMENTED**

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**COAL WAS ENCOUNTERED AT:**

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<th>INCHES</th>
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**Abandoned well redrilled for storage**

- **6/19/59 Open flow 2,239,000 cu. ft/day R.P. 702 psi with considerable free water.**
- **Different types of surveys were run in the well to determine the possibility of separating the gas from the water and other flow of similar status.**
- **The temperature survey indicated a possibility of gas above the fluid level at 1906'.**
- **The other logs showed a zone of invasion from 1906' to 1942' (filter cake) with possible flow at (1903 - 1906'), (1936 - 1926) & (1930 - 1942).**
- **The upper two zones correlate with the storage zones on other wells.**
- **The zone (1930-1942) correlates with the zone of well 1-1908 (Res. record & G.R.M.) which made a hole full of water.**

(Over)
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE No. 7DNE-337-R

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO 62,500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.

DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.
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               
      Mildred G. Strope Est.  
   Address                
      RR 4 BOX 204            
      Cameron, WV 26033    

   (b) Name               
   Address                

   (c) Name               
   Address                

5) (a) Coal Operator
   Name               
      Consol Pennsylvania Coal Company, LLC  
   Address                
      1525 Pleasant Grove Road, Box J, Claysville, PA 15323   
      1000 Consol Energy Drive, Canonsburg, PA 15317-6506

   (b) Coal Owner(s) with Declaration
   Name               
   Address                

   (c) Coal Lessee with Declaration
   Name               
   Address                

6) Inspector
   Address                

   Telephone                

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 site 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 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                
By:                           
Consol Pennsylvania Coal Company LLC
Its:                          
Doug Dinger - Don Teter (Designated Agent)
Address                      
1525 Pleasant Grove Road, Box J, Claysville, PA 15323
Telephone                    
724-485-4514

Subscribed and sworn before me this 5th day of August, 2013

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.
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Sent To:

MILDRED STROPE ESTATE
RR4, Box 204
Cameron, WV 26033

RECEIVED
Office of Oil and Gas

AUG 9  2013

WV Department of Environmental Protection
WW-4C  
Rev 7/27/04

STATE OF WEST VIRGINIA - DEPARTMENT OF ENVIRONMENTAL PROTECTION

SPECIAL NOTICE OF PLUGGING OF AN ABANDONED OIL OR GAS WELL BY AN INTERESTED PARTY  
WHO IS NOT THE OWNER OR OPERATOR OF THE WELL.

ABANDONED WELL TO BE PLUGGED:

API Well No: 47-51-00337

Elevation: 1260.97'  
Watershed: Granny Run

District: Webster  
County: Marshall

Public Road access: Dry Ridge - Lone Oak Road - County Route 48

Generally used Farm Name: Strope

Other description of location: 

NOTICE TO:

[List any owners of the surface of the land upon which such abandoned well exists and their address or their location for service.]

Mildred G. Strope Est.  
RR 4 BOX 204, Cameron, WV 26033

[List any owner or operator of such abandoned well of record with the Secretary of the Department of Environmental Protection their address or their location for service]

RECEIVED  
Office of Oil and Gas  
AUG 9  2013

WV Department of Environmental Protection

[List any oil or gas lessee of record with the Secretary of the Department of Environmental Protection and their address or location for service.]

NOTICE FROM:

Interested Party Proposing to Plug Well

Name: Consol Pennsylvania Coal Company LLC Attn. Douglas Dinger - Don Teter (Designated Agent)

Address: 1525 Pleasant Grove Road, Box J, Claysville, PA 15323  
1000 Consol Energy Drive; Canonsburg, PA 15317

Telephone: 724-663-3031

DOES THE INTERESTED PARTY ELECT TO TAKE THE CASING, EQUIPMENT, AND OTHER SALVAGE WHICH MAY RESULT FORM THE PLUGGING OF THE WELL? [ ] YES [ ] NO

If the interested party has checked "no" then the surface owners may elect to take any casing, equipment or other salvage by sending a notice to the interested party at the address listed above. The interested party must then leave the salvage at a location which will not adversely affect reclamation. If the surface owners do not elect to take the salvage, the interested party must properly dispose of the salvage.

[Service of this notice may be by certified mail return receipt requested (file the return receipt card with the Department of Environmental Protection DEP), personal service (file form WW-70 with the DEP) or by such manner as is sufficient for service of process in a civil action in court (with corresponding proof of service filed with the DEP). In the event there is no owner or operator of record with the Chief or no oil and gas lessee of record with the Chief, this notice must be posted in a conspicuous place at or near the well. Service and posting must be done at least 20 days prior to entering onto the surface to begin plugging.]
STATE OF WEST VIRGINIA - DEPARTMENT OF ENVIRONMENTAL PROTECTION

SPECIAL NOTICE OF PLUGGING OF ABANDONED OIL OR GAS WELL BY AN INTERESTED PARTY

(PAGE 2 OF 2)

NOTICE INFORMATION FOR SURFACE OWNERS, WELL OWNERS AND OPERATORS, AND OIL AND GAS LESSEES

It is lawful pursuant to The West Virginia Abandoned Well Act (W.Va. Code 22-6-1 et seq.) and the rules and regulations promulgated pursuant to that law (all of which will be called the "Act" in the rest of this notice) for any interested person, the operator of a well, or the Chief of the Department of Environmental Protection (Chief) to enter upon the premises where any abandoned well is situated and properly plug or replug the well and reclaim any area disturbed by the plugging or replugging. A permit to do the plugging or replugging must be obtained from the West Virginia Department of Environmental Protection.

You are hereby notified that the party proposing to plug the oil or gas well identified on the reverse side of this notice is claiming to be an "interested party" in the plugging of that well as that term is defined by the Act. This interested party is claiming that well is "abandoned" within the meaning of W. Va. Code 22-6-19 because it is a dry hole or because it has not been in "use" for a period of 12 months and no satisfactory proof of a "bona fide" future use for the well has been furnished to the Director.

ADDITIONAL NOTICE INFORMATION FOR SURFACE OWNERS

Any interested person who plugs a well pursuant to the provision of the Act must repair the damage or disturbance resulting from the plugging or compensate the surface owners for the damage or disturbance. This requirement of the Act is in addition to any rights and remedies any party may have pursuant to common law or other statutes. The compensation provided by the Act if the interested party does not fully repair the damage or disturbance is (i) the reasonable cost of repairing or placing any water well, (ii) the reasonable value of any crops destroyed, damaged or prevented from reaching market, (iii) the reasonable cost of repair to personal property up to the value of the replacement value of personal property of like age, wear and quality, (iv) lost income or expense incurred, and (v) reasonable costs to reclaim or repair real property including roads.

When the interested person is finished with the reclamation, the interested person must send the surface owners a letter advising that the reclamation has been completed. If the surface owners do not agree with the interested party that as to the adequacy of the repairs performed or the amount of compensation to which the surface owners may be entitled, either party may bring a civil action in court. In addition either party upon written notice to the other may elect to have that issue finally determined by binding arbitration pursuant to W. Va. Code 55-10-1 et seq. For materials further explaining the arbitration process please contact the Chief.

ADDITIONAL NOTICE INFORMATION FOR OWNERS OR OPERATORS OF WELLS

In the event the owner or operator of a well fails or has failed to plug an abandoned well in accordance with laws and regulations in effect at the time the well is or was first subject to plugging requirements, any interested persons who plugs or replugs such well pursuant to the provisions of this section may recover from the owner or operator of such well all reasonable costs incidental to such plugging or replugging, including any compensation provided for in this section. In the event funds from the oil and gas reclamation fund established pursuant to section twenty-nine, article one of this chapter are used to plug or replug such well, the Secretary shall be entitled to recover from the owner or operator of such well any amounts so expended from said fund. Any amounts so recovered by the Chief shall be deposited in said fund.

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.
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: Consol Pennsylvania Coal Company LLC
OP Code: 
Watershed: Granny Run
Quadrangle: Majorsville, WV 7.5'
Elevation: 1260.97'
County: Marshall
District: Webster
Description of anticipated Pit Waste: N/A
Will a synthetic liner be used in the pit? N/A

Proposed Disposal Method For Treated Pit Wastes:
- Land Application
- Underground Injection (UIC Permit Number)
- Reuse (at API Number)
- Off Site Disposal (Supply form WW-9 for disposal location)
- X Other (Explain) [See Attached Letter]

Proposed Work For Which Pit Will Be Used:
- Drilling
- Workover
- X Swabbing
- Plugging

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: Doug Dinger - Don Teter (Designated Agent)
Company Official (Typed Name) Project Engineer - Consol Pennsylvania Coal Company LLC

Subscribed and sworn before me this 5th day of August, 2013
Notor Public

My commission expires March 12, 2016
Proposed Revegetation Treatment: Acres Disturbed

Prevegetation pH

Lime Tons/acre or to correct to pH

Fertilizer (10-20-20 or equivalent) lbs/acre (500 lbs minimum)

Mulch Tons/acre

Seed Mixtures

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Attach:
Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by:

Comments:

Title: Date:

Field Reviewed? Yes No

Operator's Well No. 5012

02/21/2014
Consol Pennsylvania Coal Co. LLC
Greenon Coal Company
1525 Pleasant Grove Road
Claysville, PA 15323
phone: 724/663-3031
fax: 724/663-3067

Department of Environmental Protection
Office of Oil & Gas
601-57TH Street
Charleston, West Virginia 25304

To Whom It May Concern:

As per the Division of Environmental Protection, Office of Oil & Gas request, Consol Pennsylvania 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), Consol Pennsylvania 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 CMAP30841316, CMAP30810703, or CRD3000020701

Sincerely,

Douglas Dinger
Consol Pennsylvania Coal Co. LLC

RECEIVED
Office of Oil and Gas
AUG 9 2013
WV Department of Environmental Protection