April 13, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-5100997, 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-378
Farm Name: DAVIS, JOHN & BEVERLY
API Well Number: 47-5100997
Permit Type: Plugging
Date Issued: 04/13/2015

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.

4. This well is under a consent order and must be plugged under the terms of that agreement.
STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS
APPLICATION FOR A PERMIT TO PLUG & ABANDON

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

5.) LOCATION: Elevation: 1195.22' Watershed: Fish Creek
   District: Liberty County: Marshall Quadrangle: Cameron, WV 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

101 C

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".
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 Keith Davis ET UX
Address: 205 Byrnes Lane
Moundsville, WV 26041

(b) Name: [Blank]
Address: [Blank]

(c) Name: [Blank]
Address: [Blank]

(6) INSPECTOR: James Nicholson
Address: PO BOX 44
Moundsville, WV 26041
Telephone: (304) 552-3874

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

(b) COAL OWNER(S) WITH DECLARATION:
Name: [Blank]
Address: [Blank]

(c) COAL LESSEE WITH DECLARATION:
Name: [Blank]
Address: [Blank]

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:
1) form WW-4B, which sets out the well and its location and the plugging information on Form WW-6.

HAT 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.

If you have any questions about your rights in this proceeding, contact the WV Department of Mineral Resources, Division of Oil and Gas, 6126 Energy Road, Moundsville, WV 26041, (304) 534-4044.

Subscribed and sworn before me this 25th day of February, 2015

Christian K. Warfield
Notary Public

My commission expires June 10, 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.
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  Fish Creek  Quadrangle  Cameron, 7.5'
Elevation  1195.22'  County  Marshall  District  Liberty
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:
- Land Application
- 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  25  day of  February ,  2015 Notary Public
My commission expires  June 10,  2024
February 25, 2015

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
Well is located on topo map 9.715 feet south of Latitude: 39°50'00".

RICKIE GENE FRYE

John Keith Davis ET UX

McELROY
COAL COMPANY

M. DANIELSON
N. 36°25'36.1" E
1202.50
S. 35°52'19.6" E
1385.20
T 1204 N
R. 612 W
S. 36°25'36.1" E
1202.50
S. 35°52'19.6" E
1385.20

Well M-378

J. KEITH DAVIS ET UX

DB/PG 0523/0514

58.08 AC

Jean Jamison

NOTE:
It is not the purpose or intention of this plot to represent surveyed locations of the author or minor parcels depicted herein. The location of the boundary line, as shown, are based on recorded descriptions, field evidence found, and/or tax map position, unless otherwise noted.

FILE #: M-378
DRAWING #: M-378
SCALE: 1" = 500'
MINIMUM DEGREE OF ACCURACY: 1/2500
PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT "THOMAS 1498.81"
DATE: FEBRUARY 24, 2015
OPERATOR'S WELL #: M-378
API WELL #: 47 51 00997 P
STATE COUNTY PERMIT
WATERSHED: FISH CREEK
ELEVATION: 1195.22
COUNTY/DISTRICT: MARSHALL / LIBERTY
QUADRANGLE: CAMERON, WV 7.5'
SURFACE OWNER: JOHN KEITH DAVIS ET UX
ACREAGE: 58.08
OIL & GAS ROYALTY OWNER:
ACREAGE:
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
CLEAN OUT & REPLUG OTHER CHANGE SPECIFY:
TARGET FORMATION:
ESTIMATED DEPTH:
WELL OPERATOR CONSOLIDATION COAL CO., OHIO VALLEY OPERATIONS
DESIGNATED AGENT RONNIE HARSH
Address 6126 Energy Drive
City MOUNDSVILLE State WV Zip Code 26041
Address 6126 Energy Drive
City MOUNDSVILLE State WV Zip Code 26041
Hankins, Melanie S

From: Smith, Mason <MasonSmith@coalsource.com>
Sent: Monday, March 16, 2015 9:12 AM
To: Hankins, Melanie S
Subject: Permits

Melanie,

I guess your one printer is down and Kay is unable to send me what I need until the printer is fixed.

That being said the permits for the following wells are ready to be processed. I will let you know on the rest of them as soon as Kay can send me the information.

<table>
<thead>
<tr>
<th>Permit Number</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>47-051-00941</td>
<td>M-254</td>
</tr>
<tr>
<td>47-051-00971</td>
<td>M-385</td>
</tr>
<tr>
<td>47-051-00997</td>
<td>M-378</td>
</tr>
</tbody>
</table>

Thanks,

Mason Smith, EIT
Project Engineer
Murray American Energy, Inc.
6126 Energy Road
Moundsville, WV 26041
Mobile: (716) 997-0784
Office: (304) 843-3565

MasonSmith@coalsource.com
Melanie,

I recently mailed 5 plugging permits for the below mentioned gas wells. I am now being told to wait on them due to uncertainties with the Consent Order wells. The permits are anticipated to arrive Saturday if they have not arrived today. If it is possible to hold off on processing them for a few days until I know more about the final arrangements about Consent Order list.

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<td>47-051-00971</td>
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<tr>
<td>47-051-00949</td>
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<tr>
<td>47-051-00970</td>
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</tbody>
</table>

Mason Smith, EIT  
Project Engineer  
Murray American Energy, Inc.  
6126 Energy Road  
Moundsville, WV 26041  
Mobile: (716) 997-0784  
Office: (304) 843-3565  

MasonSmith@coalsource.com