



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

August 01, 2012

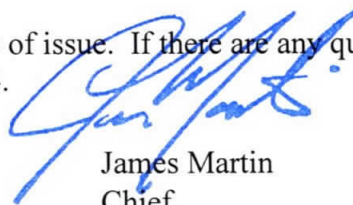
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-5101573, issued to CONSOL PENNSYLVANIA 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: 5037
Farm Name: CONSOL PENNSYLVANIA COAL
API Well Number: 47-5101573
Permit Type: Plugging
Date Issued: 08/01/2012

Promoting a healthy environment.

1) Date July 12, 2012
2) Operator's
Well No. 5037
3) API Well No. 47-51-01573P

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 ___/ Liquid injection ___/ Waste disposal ___/
(If "Gas, Production ___ or Underground storage ___) Deep ___/ Shallow X

5) Location: Elevation 1489.814' Watershed Unnamed Tributary to North Fork of Grave Creek
District Cameron County Marshall Quadrangle Cameron, WV 7.5' 278

6) Well Operator Consol Pennsylvania Coal Co. LLC 7) Designated Agent Don Teter - Doug Dinger
Address 1000 Consol Energy Drive Address 1525 Pleasant Grove Road
Canonsburg, PA 15317 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:

RECEIVED
Office of Oil & Gas
JUL 27 2012
WV Department
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, 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.

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".

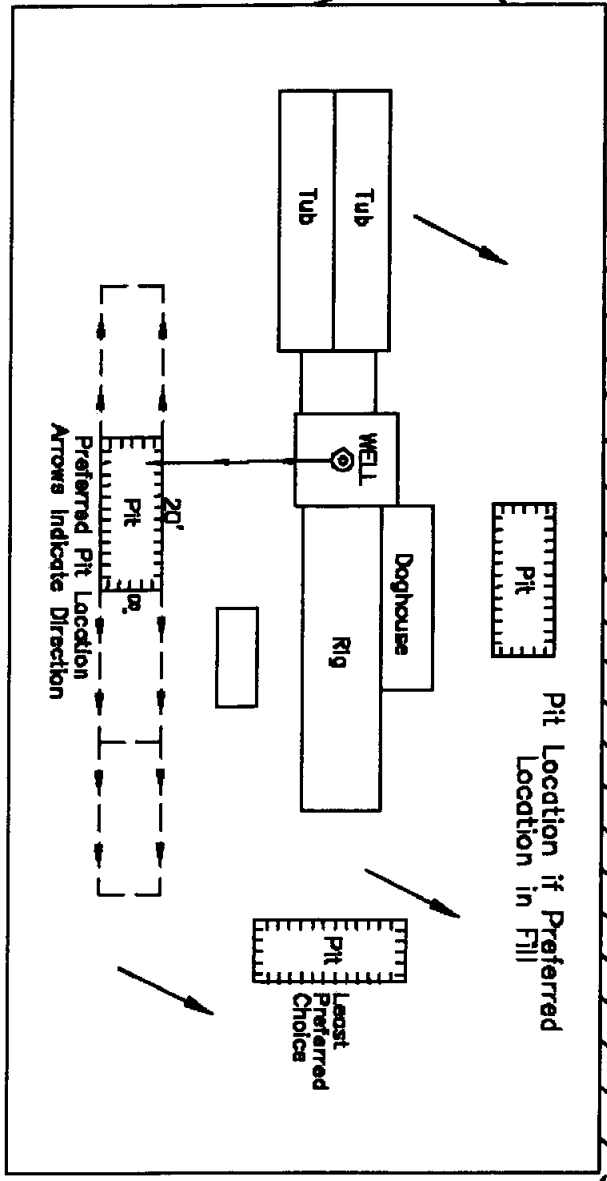
DEPARTMENT
of Oil and
JUL 27 2012
Environmental Protection
Department

Consolidation Coal Company Pennsylvania Operations

Typical Drawing
Of Well Plugging Site
Plan

Diversion Ditch (as Needed)

CUT
Cut Mulched if Slope
Less than 1 to 1



Hay Bales
or
Sediment Fence

Original Ground Keywayed

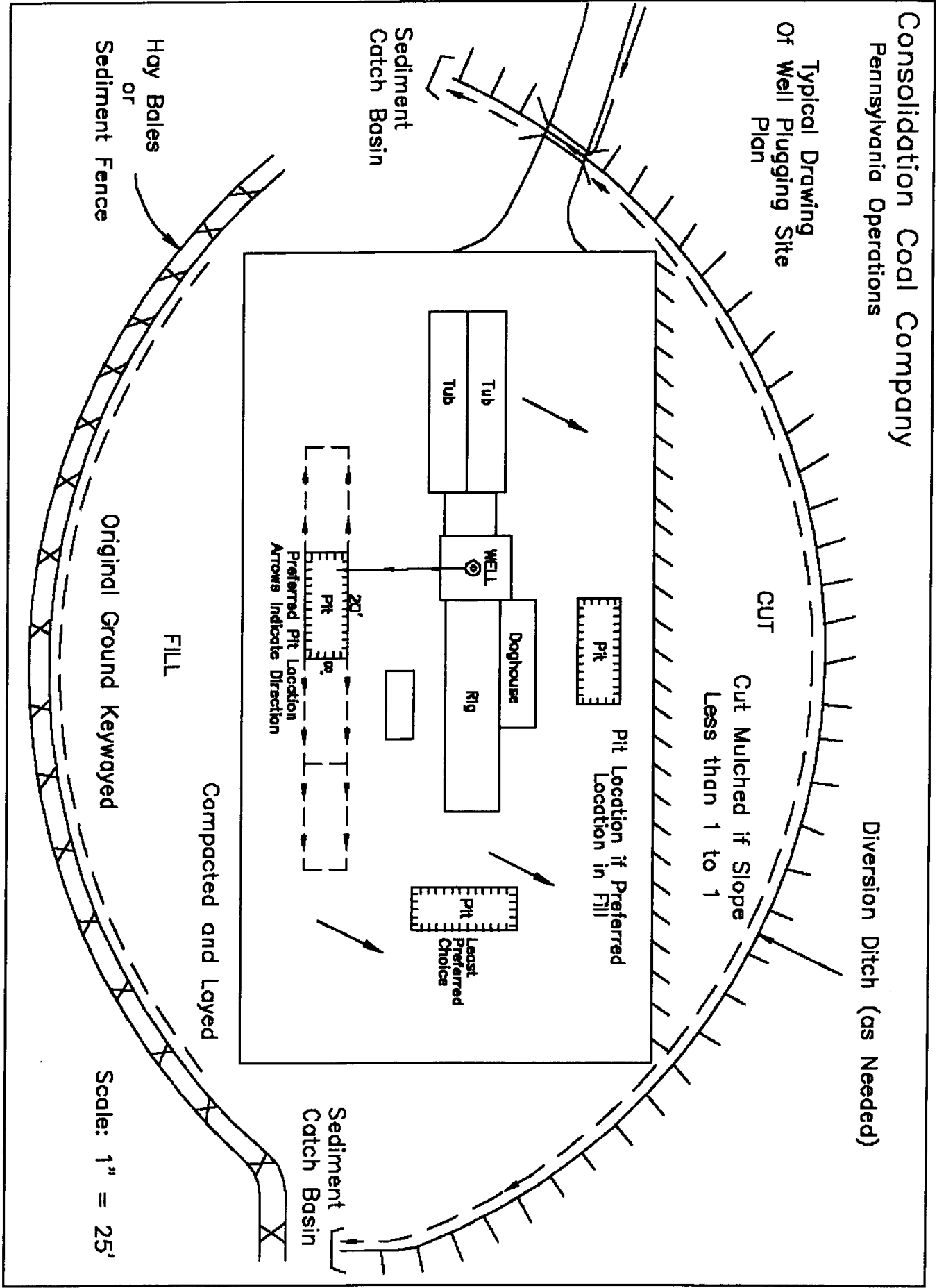
FILL

Compacted and Layed

Scale: 1" = 25'

Sediment
Catch Basin

Sediment
Catch Basin



1) Date: July 12, 2012
2) Operator's Well Number 5037
3) API Well No.: 47 - 51 - 015739

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 <u>Consol Pennsylvania Coal Company, LLC</u>	Name <u>Consol Pennsylvania Coal Company, LLC</u>
Address <u>1000 Consol Energy Drive</u>	Address <u>1525 Pleasant Grove Road, Box J, Claysville, PA 15323</u>
<u>Canonsburg, PA 15317</u>	<u>1000 Consol Energy Drive, Canonsburg, PA 15317-6506</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector	(c) Coal Lessee with Declaration
Address _____	Name _____
	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 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 reverses 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 Consol Pennsylvania Coal Company LLC *Douglas Dinger*
 By: Doug Dinger - Don Teter (Designated Agent)
 Its: Project Engineer
 Address 1525 Pleasant Grove Road, Box J, Claysville, PA 15323
1000 Consol Energy Drive, Canonsburg, PA 15317-6506
 Telephone 724-485-4514

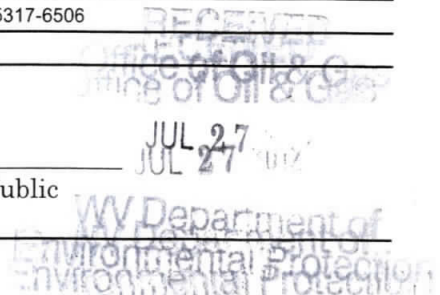
COMMONWEALTH OF PENNSYLVANIA

Notarial Seal
 Evan Midler, Notary Public
 East Finley Twp., Washington County
 My Commission Expires Oct. 26, 2014
 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Subscribed and sworn before me this 25 day of July 2012 *JUL 27 2012*
[Signature] Notary Public
 My Commission Expires October 26 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 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 Unnamed Tributary to North Fork of Grave Creek Quadrangle Cameron, WV 7.5'

Elevation 1489.814' County Marshall District Cameron

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)
- Other (Explain See Attached Letter)

Proposed Work For Which Pit Will Be Used:

- Drilling
- Workover
- Other (Explain _____)
- 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 *Douglas Dinger*

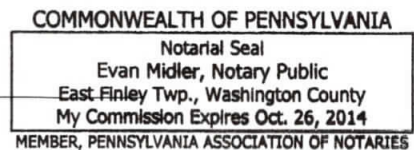
Company Official (Typed Name) Doug Dinger - Don Teter (Designated Agent)

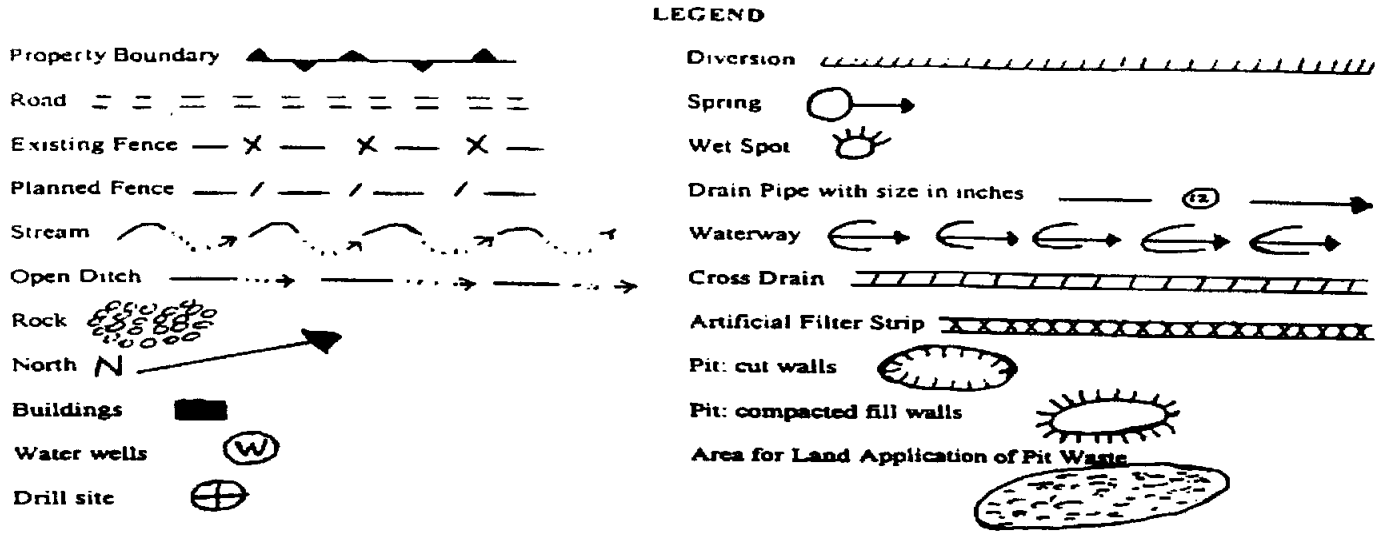
Company Official Title Project Engineer - Consol Pennsylvania Coal Company LLC

Subscribed and sworn before me this 25 day of July, 2012

Evan Midler Notary Public

My commission expires October 26, 2014





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

Seed Type	Area I	lbs/acre	Seed Type	Area II	lbs/acre
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Environmental Protection
 Department
 11/17/12
 Dept. of Oil & Gas

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



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

51-01573P
RECEIVED
Office of Oil & Gas
JUL 27 2012
WV Department of
Environmental Protection

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 CRD300020701

Sincerely,

A handwritten signature in blue ink that reads 'Douglas Dinger'.

Douglas Dinger
Consol Pennsylvania Coal Co. LLC

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.

(Page 1 of 2)

ABANDONED WELL TO BE PLUGGED:

API Well No: 47-51 - 01573P

Elevation: 1489.814' Watershed: Unnamed Tributary to North Fork of Grave Creek

District: Cameron County: Marshall

Public Road access: County Route 66

Generally used Farm Name: Consol

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.]

Consol Pennsylvania Coal Company, LLC
1000 Consol Energy Drive; Canonsburg, PA 15317

[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]

DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS
JUL 27 2017

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION

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 to be 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 began 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 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 the fund. Any amounts so recovered by the Chief shall be deposited in said fund.

Oil and Gas Privacy Notice

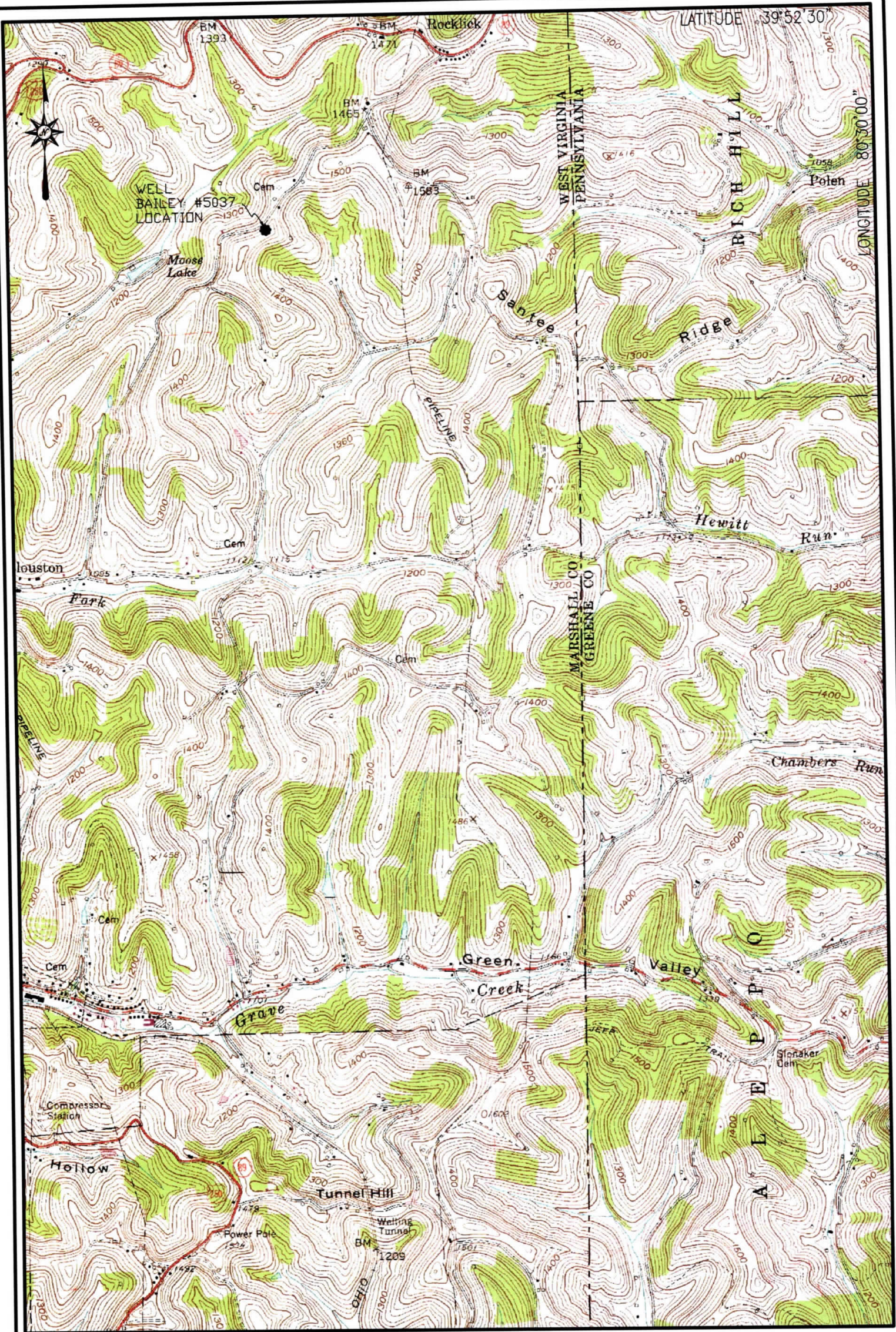
The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory 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.

RECEIVED
Office of Oil & Gas

JUL 27 2012

WV Department of
Environmental Protection

51-01573P



LATITUDE 39°52'30"
 LONGITUDE 80°30'00"

WELL #5037

RECEIVED
 Office of Oil & Gas

CAMERON, WV-PA, U.S.G.S. 7.5 QUADRANGLE

JUL 27 2012

SCALE 1" = 2000'
 2000' 4000' 6000'

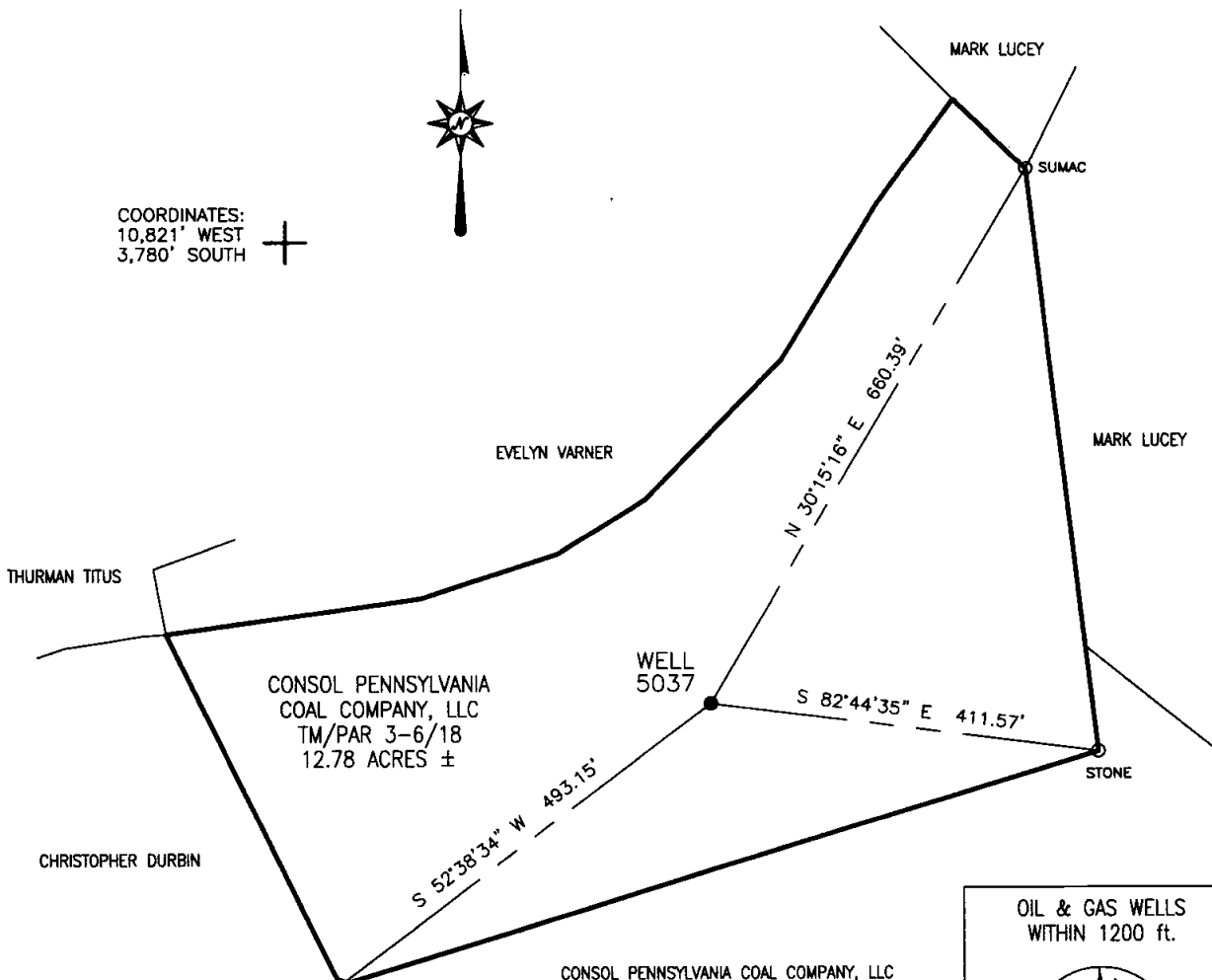


WV Department of
 Environmental Protection

LATITUDE 39°52'30"

LONGITUDE 80°30'00"

COORDINATES:
10,821' WEST
3,780' SOUTH



CONSOL PENNSYLVANIA
COAL COMPANY, LLC
TM/PAR 3-6/18
12.78 ACRES ±

WELL
5037

S 82°44'35" E 411.57'

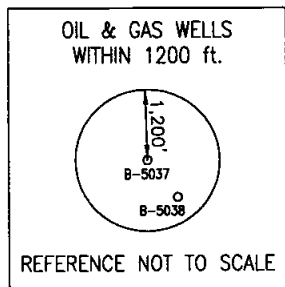
S 52°38'34" W 493.15'

N 30°15'16" E 680.39'



Blue Mountain Engineering
11023 MASON DIXON HIGHWAY
BURTON, WV 26562
PHONE: (304) 662-6486

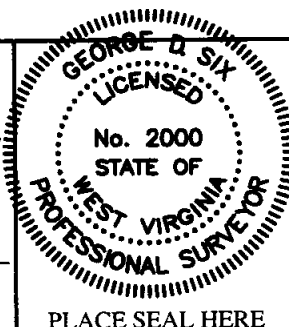
SURFACE HOLE LOCATION (SHL)
NAD27, PA SOUTH
N:205883.22
E:1217247.99
LAT/LOG DATUM-WGS84
LAT:39°51'52.77"
LON:80°32'18.86"
UTM 17 NAD 83
E: 539465.065
N: 4412837.655



FILE #: 5037
DRAWING #: 5037
SCALE: 1" = 200'
MINIMUM DEGREE OF ACCURACY: 1/2500
PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

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 ENVIRONMENTAL PROTECTION.

Signed: *[Signature]*
R.P.E.: _____ L.L.S.: P.S. No. 2000



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304



DATE: JULY 12, 2012
OPERATOR'S WELL #: 5037
API WELL #: 47 51 01573?
STATE COUNTY PERMIT

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

WATERSHED: UNNAMED TRIBUTARY TO NORTH FORK OF GRAVE CREEK ELEVATION: 1489.814'

COUNTY/DISTRICT: MARSHALL/CAMERON QUADRANGLE: CAMERON, WV-PA

SURFACE OWNER: CONSOL PENNSYLVANIA COAL COMPANY, LLC ACREAGE: 12.78±

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: NONE ESTIMATED DEPTH: _____

WELL OPERATOR CONSOL PENNSYLVANIA COAL COMPANY LLC DESIGNATED AGENT DON TETER / DOUG DINGER
Address 1000 CONSOL ENERGY DRIVE Address 1525 PLEASANT GROVE ROAD, BOX J
City CANONSBURG State PA Zip Code 15317 City CLAYSVILLE State PA Zip Code 15323

Operator: CONSOL PENNSYLVANIA COAL COMPANY

API: 5101573

WELL No: 5037

Reviewed by: K Date: 7/9 8/1

15 Day End of Comment: Co. property

CHECKLIST FOR FILING A PERMIT

Plugging

- WW-4B
 - Inspector signature on WW-4B
 - Completion / Well Records of Previous Work
 - WW-4A (Notarized)
 - Certified Mail Receipts, Waivers, or Affidavits of Personal Service *company property*
 - Surface Owner Waiver
 - Coal Owner / Lessee / Operator Waiver
 - WW-9 (Page 1) (Notarized)
 - Inspector Signature on WW-9 (Optional)
 - Topographic Map of location of well *doesn't match UTM coord.*
 - WW-7 *8/1/12 - re submitted complete package dated 7/27/12*
- OR**
- Mylar Plat (Surface owner on plat matches WW-4A)
 - Bond
 - Company is Registered with the SOS
 - Worker's Compensation / ~~Un~~employment Insurance account is OK
 - \$100.00 check (\$0.00 if no pit)