



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

February 18, 2014


WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-5100323, 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: 5013 (1545)
Farm Name: STROPE, MILDRED G. ,EST.
API Well Number: 47-5100323
Permit Type: Plugging
Date Issued: 02/18/2014

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.

101 C

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".

CLASS A CEMENT

JWM
2/13/2014

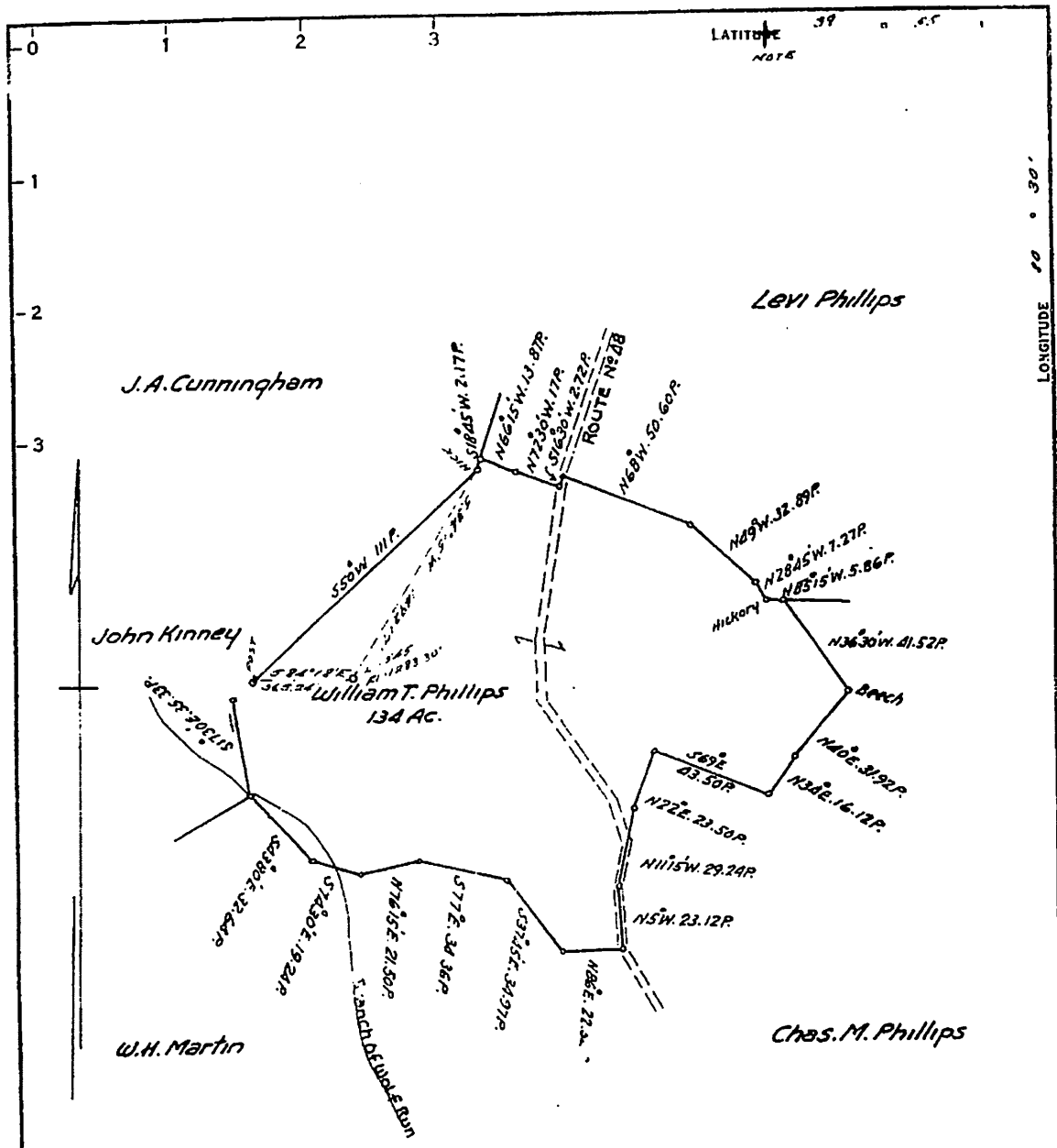
A4/ENGR/EXHIBIT1.REB

RECEIVED
Office of Oil and Gas

AUG 9 2013

WV Department of
Environmental Protection

02/21/2014



Manor Real Estate Co., Penn Central
 COAL OWNED BY ~~Emerald Coal & Coke Co.~~

NEW LOCATION...
 DRILL DEEPER...
 ABANDONMENT... issued 8-24-70

COMPANY THE MANUFACTURERS LIGHT & HEAT CO
 ADDRESS 810 UNION TRUST BLDG. CHH. PA.
 FARM W.T. PHILLIPS
 TRACT ACRES 133 LEASE NO. 27245
 WELL (FARM) NO. 1 SERIAL NO. 2-1545
 ELEVATION (SPRINT LEVEL) 1213.90'
 QUADRANGLE CAMERON
 COUNTY MARSHALL DISTRICT WESTER
 ENGINEER A. C. Strout
 ENGINEER'S REGISTRATION NO. 2412
 FILE NO. Y-15-732 DRAWING NO. Y-15-732
 DATE 7 APR. 58 SCALE 1" = 800'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. MARS-323-REDRILL-P

+ 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.

5100323P

WW-4A
Revised 6-07

1) Date: September 7, 2012
2) Operator's Well Number 5013
3) API Well No.: 47 - 51 - 00323

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>Mildred G. Strobe Est.</u>	Name <u>Consol Pennsylvania Coal Company, LLC</u>
Address <u>RR 4 BOX 204</u>	Address <u>1525 Pleasant Grove Road, Box J, Claysville, PA 15323</u>
<u>Cameron, WV 26033</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 _____	

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

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
 By: Doug Dinger - Don Teter (Designated Agent)
 Its: Project Engineer
 Address 1525 Pleasant Grove Road, Box J, Claysville, PA 15323
192 Crabapple Road, Wind Ridge, PA 15380
 Telephone 724-485-4544
4000 4000

COMMONWEALTH OF PENNSYLVANIA
 Notarial Seal
 JoAnna L. Niegorski, Notary Public
 East Finley Twp., Washington County
 My Commission Expires March 12, 2016
 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Subscribed and sworn before me this 5th day of August
[Signature] Notary Public
 My Commission Expires March 12, 2016

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.

02/21/2014

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 - 00323

Elevation: 1267.92' 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

RECEIVED
Office of Oil and Gas

AUG 9 2013

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

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 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.]

02/21/2014

51003371
5100323

7011 0470 0000 4502 8335

U.S. Postal Service™	
CERTIFIED MAIL™ RECEIPT	
<i>(Domestic Mail Only; No Insurance Coverage Provided)</i>	
For delivery information visit our website at www.usps.com	
OFFICIAL USE	
Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark Here
CLAYSVILLE, PA
AUG - 5 2013
USPS 15523-9998

Sent To	MILDRED STROUPE ESTATE
Street, Apt. No., or PO Box No.	RR 4, Box 204
City, State, ZIP+4	CAMERON, WV 26033

PS Form 3800, August 2006 See Reverse for Instructions

RECEIVED
Office of Oil and Gas

AUG 9 2013

WV Department of
Environmental Protection

02/21/2014

5100323P

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 1267.92' 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)
- Other (Explain See Attached Letter)

RECEIVED
Office of Oil and Gas

Proposed Work For Which Pit Will Be Used:

- Drilling
- Workover
- Other (Explain _____)
- Swabbing
- Plugging

AUG 9 2013

WV Department of
Environmental Protection

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* 8/5/13

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

Company Official Title Project Engineer - Consol Pennsylvania Coal Company LLC

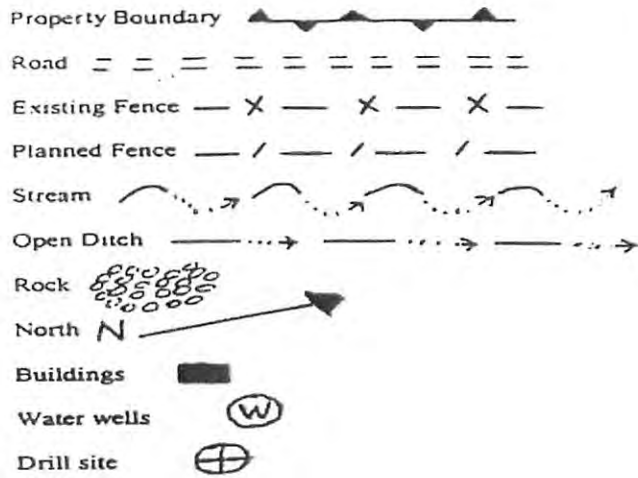
Subscribed and sworn before me this 5th day of August, 20 13

JoAnna L. Niecgorski

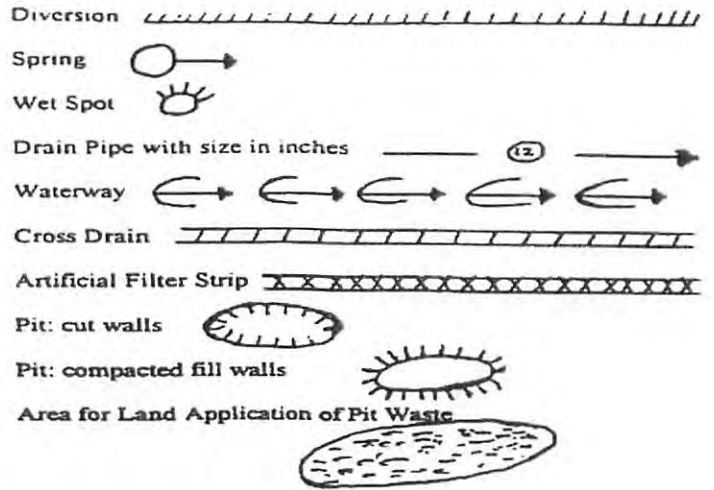
Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
JoAnna L. Niecgorski, Notary Public
East Finley Twp., Washington County
My Commission Expires 02/21/2014

My commission expires March 12, 2016



LEGEND



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

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

Photocopied section of involved 7.5' topographic sheet.

RECEIVED
Office of Oil and Gas

AUG 9 2013

WV Department of
Environmental Protection

Plan Approved by: _____

Comments: _____

Title: _____ Date: _____

Field Reviewed? () Yes () No

5700323P



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 CRD300020701

Sincerely,

Douglas Dinger 8/5/13

Douglas Dinger
Consol Pennsylvania Coal Co. LLC

RECEIVED
Office of Oil and Gas

AUG 9 2013

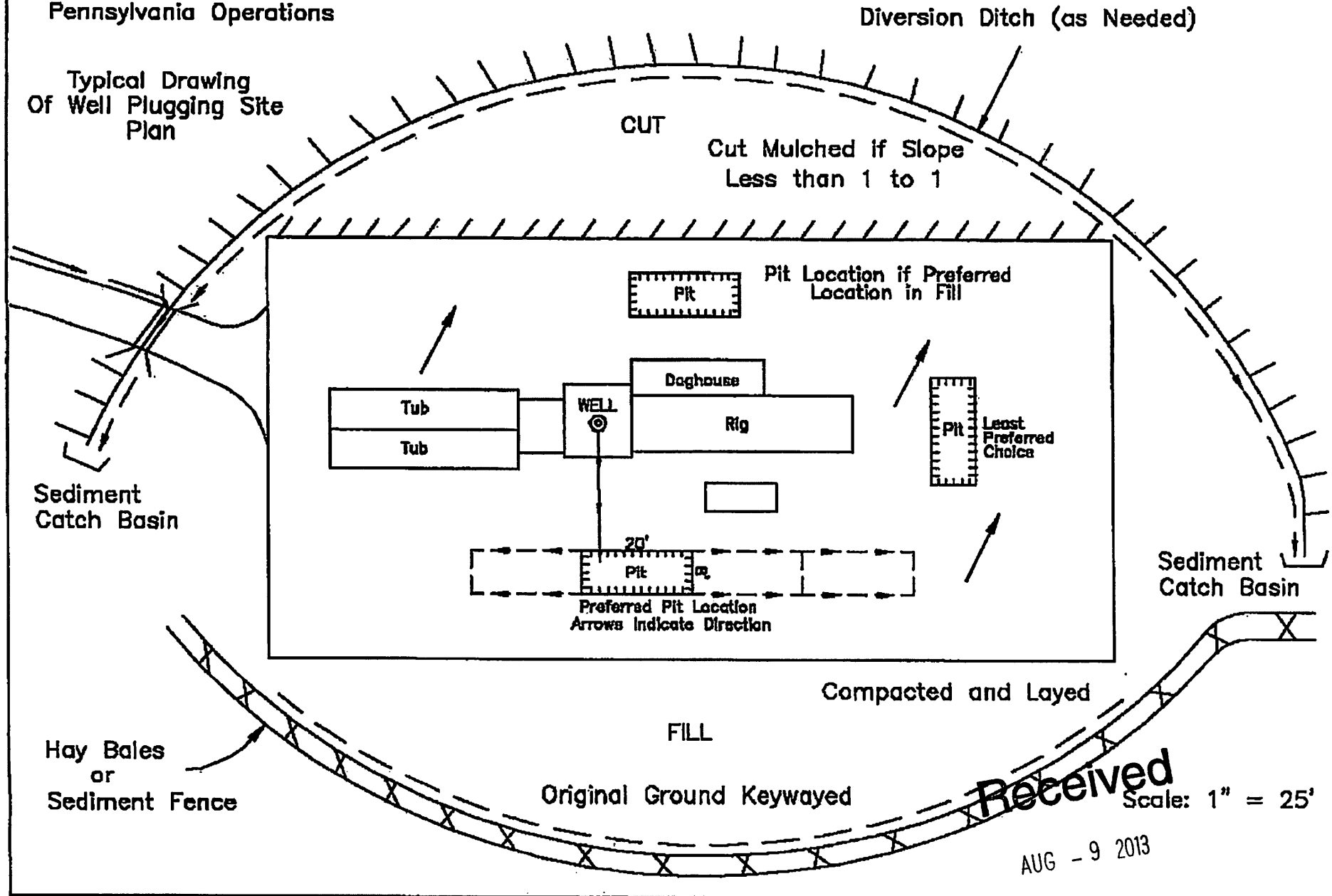
WV Department of
Environmental Protection

02/21/2014

5100323P

Consolidation Coal Company Pennsylvania Operations

Typical Drawing
Of Well Plugging Site
Plan



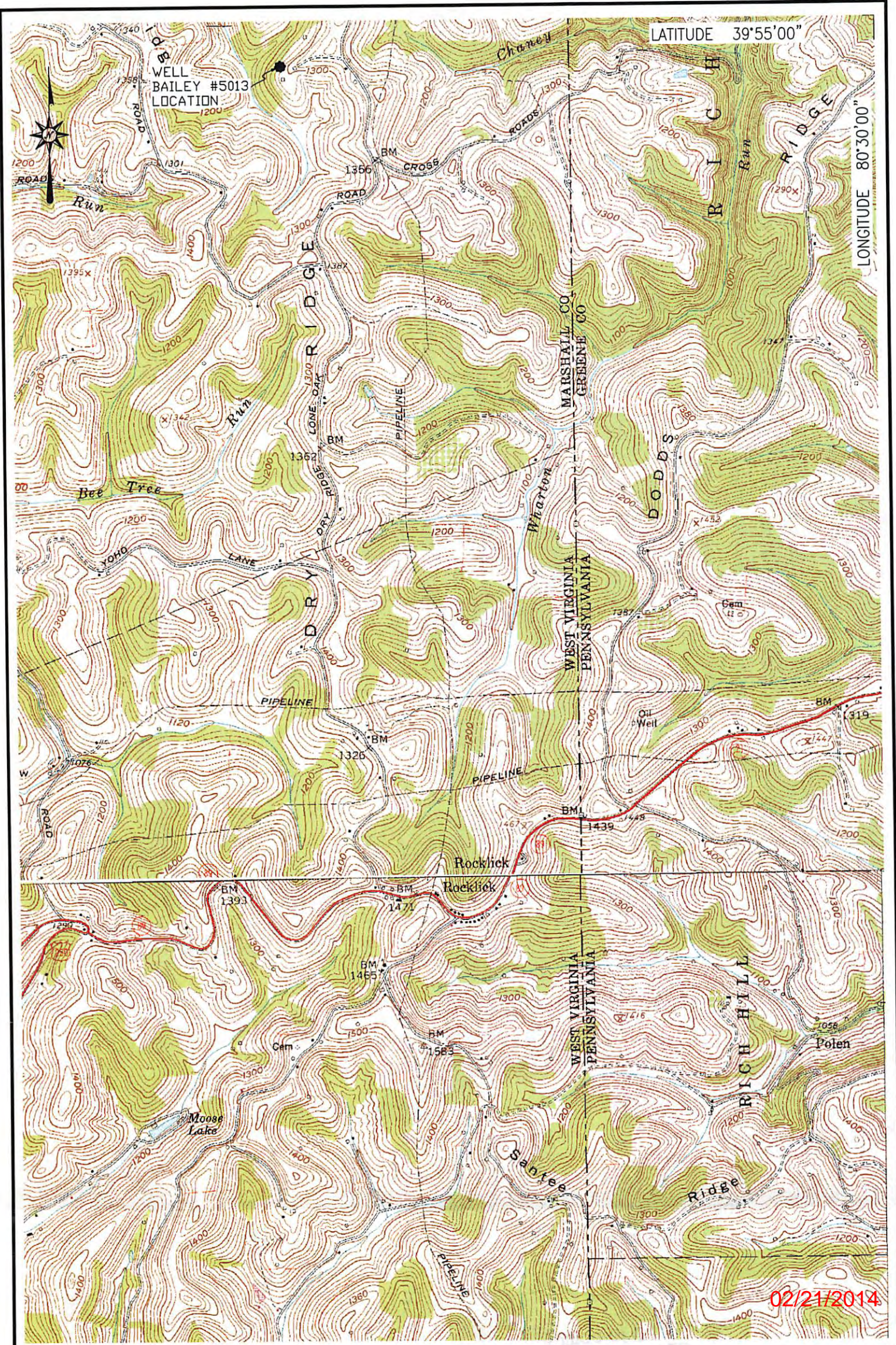
Received

Scale: 1" = 25'

AUG - 9 2013

Office of Oil and Gas
WV Dept. of Environmental Protection

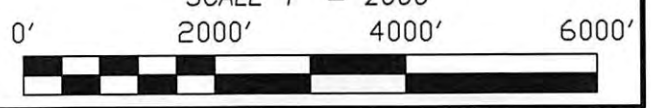
5100323A



WELL #5013

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

SCALE 1" = 2000'



02/21/2014

LATITUDE 39°55'00"

COORDINATES:
10,596' WEST
804' SOUTH

LONGITUDE 80°30'00"



CONSOL PENNSYLVANIA COAL COMPANY

RALPH CURTIS RIGGLE

RALPH CURTIS RIGGLE

RODNEY J. KENNY

MILDRED G. STROPE EST.
TM/PAR 15-11/13
134.0 ACRES ±

JOSEPH SCARLOTA

CONSOL PENNSYLVANIA
COAL COMPANY

STONE

STONE

MILDRED STROPE EST.

MILDRED STROPE EST.

N 35°04'54" E 1541.23'
S 38°50'31" E 1202.96'
S 34°46'30" W 706.32'

WELL
5013



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

SURFACE HOLE LOCATION (SHL)
NAD27, WV NORTH
N:224061.854
E:1218061.712
LAT/LON DATUM-WGS84
LAT:39°54'52.31"
LON:80°32'16.52"
UTM 17 NAD 83
E: 539492.03
N: 4418373.20

OIL & GAS WELLS
WITHIN 1200 ft.



REFERENCE NOT TO SCALE

FILE #: 5013

DRAWING #: 5013

SCALE: 1" = 600'

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



PLACE SEAL HERE

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



DATE: SEPTEMBER 7, 2012

OPERATOR'S WELL #: 5013

API WELL #: 47 51 00323 P
STATE COUNTY PERMIT

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

WATERSHED: GRANNY RUN ELEVATION: 1267.92'

COUNTY/DISTRICT: MARSHALL/WEBSTER QUADRANGLE: MAJORSVILLE, WV-PA

SURFACE OWNER: MILDRED G. STROPE EST. ACREAGE: 134.0±

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

02/21/2014