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**west virginia** department of environmental protection

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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

October 24, 2014

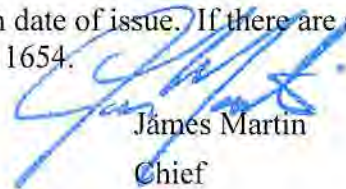
**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-500283, issued to PANTHER, 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: 1  
Farm Name: L R & P-C  
**API Well Number: 47-500283**  
**Permit Type: Plugging**  
Date Issued: 10/24/2014

Promoting a healthy environment.

10/24/2014

## 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.

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### CONDITIONS

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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.

WW-4B  
Rev. 2/01

1) Date Sept. 2, 2014  
2) Operator's  
Well No. B&C 1  
3) API Well No. 47-005-Unknown (BOO-283)

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 X / Gas      / Liquid injection      / Waste disposal      /  
(If "Gas, Production      or Underground storage     ) Deep      / Shallow
- 5) Location: Elevation 1,044' Watershed Little White Oak Creek  
District Sherman County Boone Quadrangle Sylvester
- 6) Well Operator Panther, LLC 7) Designated Agent Gary Acord  
Address 500 Lee Street, East Suite 900 Address 500 Lee Street, East Suite 900  
Charleston, WV 25301 Charleston, WV 25301
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Terry Urban Name CJ's Well Service  
Address P.O. Box 1207 Address P.O. Box 133  
Clendenin, WV 25045 Rowe, VA 24646

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

101C

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

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Office of Oil and Gas  
SEP 09 2014

Work order approved by inspector

*Amy W. Urban*

Date

9/8/14  
WV Department of  
Environmental Protection

**PLUGGING PROGNOSIS**

Well #B&C 1  
API# 47-005-Unknown (BOO-283)  
Sherman District, Boone County

**Current Status**

Elevation: 1,044'  
Total Depth:  
Active: No  
Plugged: Yes

**Procedure for Plugging**

- 1) Notify state inspector, Terry Urban, @ 304-549-5915, before starting.
- 2) Cleanout casing to at least 200' below the Eagle Coal Horizion, lowest seam to be mined *APPROX 760 feet.*
- 3) Perforate casing (if Applicable) to 101C standards to 200' below the Eagle seam
- 4) Set 300' expanding cement plug 200' below the Eagle seam to 100' above.
- 5) Cement will be set to the surface.
- 6) Depending on site conditions, plugging procedures may be modified after approval of the inspector.
- 7) All changes to the plugging procedures will be noted in the plugging affidavit.
- 8) Erect permanent monument with API number.
- 9) Reclaim the site and access road.

*Terry Urban*  
*9.8.14*

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Office of Oil and Gas  
SEP 09 2014  
WV Department of  
Environmental Protection

47-005-00283  
Well No. B&C #1  
Plugged 12/19/35

FORM 2-3

**AFFIDAVIT IN TRIPLICATE TO TIME AND MANNER OF  
PLUGGING AND FILLING WELL**  
(REQUIRE BY SECTION 9, ARTICLE 4, CHAPTER 24 OF THE CODE)  
**WEST VIRGINIA DEPARTMENT OF MINES  
OIL AND GAS DIVISION**

<u>L. M. LaFollette, Jr., et al</u> COAL OPERATOR OR OWNER	<u>The Pure Oil Company</u> NAME OF WELL OPERATOR
<u>Box 444</u> ADDRESS	<u>Box 561 - Newark, Ohio</u> COMPLETE ADDRESS
<u>Charleston, W. Va.</u>	<u>December 20, 19 35</u>
<u>H. A. Hobson</u> Mary R. & C. P. Nelson COAL OPERATOR OR OWNER	<u>December 20, 19 35</u> WELL AND LOCATION
<u>A. M. Frichard &amp; A. M. Frichard, Exec. Trustees</u> Mrs. W. Frichard & Emma W. Frichard, Atty-in-fact for Henry L. & Marion W. Frichard Mr. & Mrs. Thomas R. Jackson & Miss Ann A. Jackson COAL OPERATOR OR OWNER	<u>Sherman</u> District
<u>E. Fontaine Brown</u> (See Reverse Side)	<u>Brana</u> County
	Well No. <u>"B&amp;C" #1</u>
	<u>LaFollette, Hobson, A. Frichard,</u> Farm <u>et al, B. &amp; C. Tracts, 5000 &amp; 4500 Acres</u>

AFFIDAVIT TO BE MADE IN TRIPLICATE. ONE COPY TO BE MAILED BY OPERATOR WELL TO THE DEPARTMENT. ONE COPY TO BE RETURNED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) TO BE MAILED TO EACH COAL OPERATOR ABOVE NAMED AT THEIR RESPECTIVE ADDRESSES.

**AFFIDAVIT**

STATE OF WEST VIRGINIA, }  
COUNTY OF KANAWHA } ss:

John Hessel and V. V. Wright  
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by The Pure Oil Company, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 2nd day of December, 19 35, and that the well was plugged and filled in the following manner:

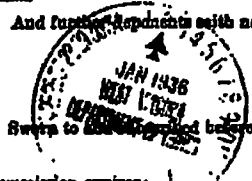
Manner in which said well was plugged: Total depth 2842; filled with clay from 2842 to 2828, 4' above top of Berea Sand; filled with cement from 2828 to 2818, sealing top of Berea Sand; filled with clay from 2818 to 2481, 4' above top of Weir Sand; filled with cement from 2481 to 2471, sealing top of Weir Sand; filled with clay 2471 to 2125, top of Big Line; filled with cement 2125 to 2115, sealing top of Big Line; pulled 6-5/16" casing, set bridge at 1915; filled with clay 1915 to 1801, top of Maxon Sand; filled with cement 1801 to 1790, sealing top of Maxon Sand; set bridge at 1550; filled with mud 1550 to 1235, top of Salt Sand; filled with cement 1235 to 1225, sealing top of Salt Sand; pulled 8-1/4" casing, set bridge at 517; filled with clay 517 to 500, 34" below coal seam; filled with cement 500 to 503, 25" above coal seam; filled with clay 503 to 223, 30" below coal seam; filled with cement 223 to 170, 20" above coal seam; filled with clay 170 to 122, 30" below coal seam; filled with cement 122 to 78, 20" above coal seam; filled with clay 78 to 70, 30" below coal seam; filled with cement 70 to surface, sealing coal seam; 19 1/2 feet of 10" casing left in hole.

Description of monument: 10" casing extends 3' above surface. Filled casing with cement, and attached steel name plate on top of cement, stencilled P.O.Co. #1.

(THE ABOVE DESCRIPTIONS MUST BE IN DETAIL AND IN ACCORDANCE WITH THE PROVISIONS OF SECTION 9, ARTICLE 4, CHAPTER 24 OF THE CODE)

and that the work of plugging and filling said well was completed on the 19th day of December, 19 35.

And further deposes and says that



My Commission expires: June 15, 1943

V. V. Wright RECEIVED  
John Hessel Office of Oil and Gas  
D. L. Shank Notary Public  
SEP 09 2014

FILE NO. 25

600-283P Department of Environmental Protection

B0-7

OIL OR GAS WELL

The Pure Oil Company  
 Box 551 - Newark, Ohio

COMPLETION DATA SHEET  
 No. 2

Well No. "B0-7" #1  
 Farm LaFollette, Robson, & Prioleard, et al

FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Sand&Gravel	Yellow	Soft		0	11	11	11	
Sand	White	Hard		11	30	19	30	12 6" - 10"
Lime	Black	Medium		30	36	6	36	
Coal	Black	Soft		36	40	4	40	
Lime	Black	Hard		40	64	24	64	
Slate	Black	Soft		64	89	25	89	
Lime	Blue	Hard		89	98	9	98	
Coal	Black	Soft		98	102	4	102	
Slate	Black	Soft		102	116	15	116	
Lime	White	Hard		116	142	26	142	
Slate	Black	Soft		142	155	13	155	
Sand	White	Hard		155	163	8	163	
Lime	Gray	Medium		163	190	27	190	
Coal	Black	Soft		190	193	3	193	
Lime	Gray	Medium		193	204	11	204	
Slate	Black	Soft		204	208	4	208	
Lime	Gray	Hard		208	237	29	237	
Slate&Lime Shells	Gray	Medium		237	318	81	318	
Sand	White	Medium		318	386	68	386	
Slate	Blue	Soft		386	420	34	420	
Sand	White	Hard		420	498	78	498	
Broken Lime	Black	Medium		498	528	30	528	
Coal	Black	Soft		528	529	1	529	
Lime	Gray	Hard		529	546	17	546	
Sand	Gray	Hard		546	602	56	602	
Lime	Black	Hard		602	617	15	617	200' - 50'
Slate	Black	Medium		617	639	22	639	
Lime	Gray	Hard		639	674	35	674	
Slate&Lime Shells	Gray	Medium		674	728	54	728	
Sand	Gray	Medium		728	785	57	785	
Lime	Black	Medium		785	800	15	800	
Slate	Black	Soft		800	825	25	825	
Lime	Gray	Medium		825	884	59	884	
Sand	White	Hard		884	907	23	907	
Slate	Black	Soft		907	912	5	912	
Sand	White	Medium		912	1004	92	1004	
Crampus	Yellow	Hard		1004	1095	91	1095	
Slate&Shls	Black	Medium		1095	1104	9	1104	
Sand	Gray	Hard		1104	1122	18	1122	
Slate	Black	Soft		1122	1124	2	1124	
Sand	White	Hard		1124	1145	21	1145	
Slate	Black	Medium		1145	1164	19	1164	

(See Reverse Side)

shot  
 Well was not shot at \_\_\_\_\_ feet; well was shot at \_\_\_\_\_ feet.

Salt  
 fresh water at \_\_\_\_\_ 1873 \_\_\_\_\_ feet; salt water at \_\_\_\_\_ 1898 \_\_\_\_\_ feet.

producing  
 Well was dry hole.  
 dry

THE PURE OIL COMPANY

November 26, 1955  
 Date

Approved: *Ford Miller*  
 Division Superintendent

NOTE: All bottom formations must be noted as indicated above and all key-rocks and all oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.



FILE NO. 95

Lime	Gray	Hard		1164	1235	71	1235
Salt Sand	White	Hard	Wtr @ 1275	1235	1545	310	1645 Hole filled 140'
Slate	Black	Medium	Wtr @ 1298	1545	1549	4	1549 Hole filled 888'
Lime	White	Hard		1549	1605	56	1605
Sand	White	Hard		1605	1612	7	1612
Slate & Shells	Black	Medium		1612	1691	79	1691
Lime	Black	Hard		1691	1716	25	1716
Sand	White	Hard		1716	1734	18	1734
Lime	Blue	Medium		1734	1739	5	1739
Lime	Blue	Hard		1739	1744	5	1744
Lime	Black	Hard		1744	1759	15	1769
Slate	Blue	Soft		1759	1768	9	1768
Red Hook	Red	Soft		1768	1766	4	1766
Lime	Blue	Hard		1766	1770	4	1770
Shale	Blue	Soft		1770	1775	5	1775
Lime	Gray	Hard		1775	1801	26	1801
Sand	Gray	Hard		1801	1840	39	1840
Maxon Sand	Gray	Hard		1840	1906	66	1906
Shale	Blue	Soft		1906	1914	8	1914
Lime	Gray	Hard		1914	2037	123	2037
Slate	Black	Soft		2037	2061	24	2061
Lime	Black	Hard		2061	2120	59	2120
Pencil Cove	Black	Medium		2120	2126	6	2126
Big Lime	White	Hard		2126	2379	253	2379
Big Injun	Red	Medium		2379	2400	21	2400
Lime	Black	Medium		2400	2428	28	2428
Slate	Blue	Soft		2428	2430	2	2430
Lime	Blue	Hard		2430	2455	25	2455
Slate & Shells	Gray	Medium		2455	2485	30	2485
Woir Sand	Gray	Medium		2485	2675	190	2675
Lime	Black	Hard		2675	2688	13	2688
Slate & Shells	Black	Medium		2688	2819	131	2819
Shale	Brown	Soft		2819	2832	13	2832
Berea Sand	Gray	Hard		2832	2838	6	2838
Lime	Black	Hard		2838	2842	4	2842

2842 - TOTAL DEPTH

LAFOLLETTE, ROBSON & PRICHARD ET AL. "B" & "C" TRACTS NO. 1 WELL.  
No. 252 O.F.

Sherman District, Boone County, W. Va.  
The Pure Oil Co., Newark, Ohio. (Box 551).  
On 5000 and 4250 acres, on Little Whiteoak Creek; surface and  
mineral rights owned by LaFollette, Robson & Prichard et al.,  
Charleston, W. Va.  
Drilled under permit Boc-283, issued Aug. 10, 1935;  
Elevation, 1028' L.  
10" conductor, 11'; 8 1/2" casing, 608'.  
Coal was encountered at 36-40, 98-102, 190-193, and 528-529'.  
Preliminary report to Dept. of Mines Sept. 27, 1935.

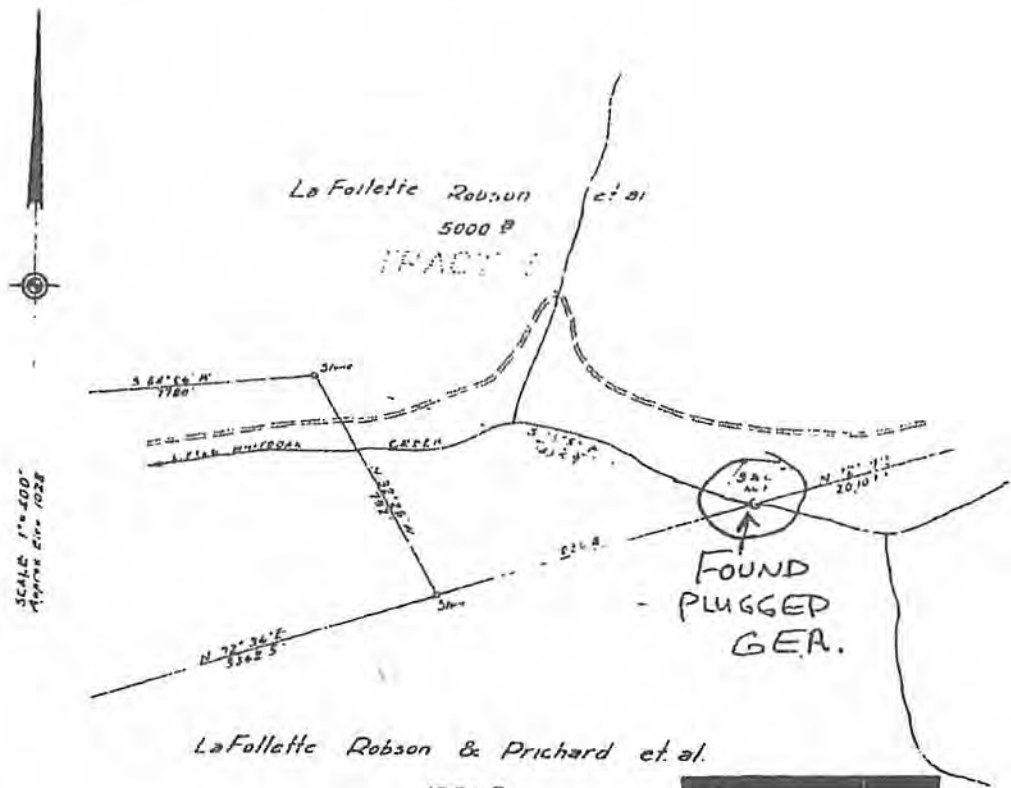
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WV Department of  
Environmental Protection



Plat of the proposed locat of 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95  
 of well No. 846 on the LaFollette Robson Prichard et al 3 & C tracts tract,  
 containing of 9250 acres, located in Sherman county,  
Boone County, State of West Virginia.



Boo  
283

I, the undersigned, being duly sworn, depose and say that the foregoing is a true and correct copy of the original plat of the proposed location of well No. 846 on the LaFollette Robson Prichard et al 3 & C tracts, containing of 9250 acres, located in Sherman County, Boone County, State of West Virginia, as the same appears from the records of the Boone County Clerk's Office.

Witness my hand and seal this 15th day of August, 1925.

\_\_\_\_\_  
 J. C. [Signature]



1.) Date: 9/2/2014  
2.) Operator's Well Number  
B&C I \_\_\_\_\_  
3.) API Well No.: 47-005-  
Unknown (BOO-283)

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 LaFollete ✓  
Address P.O. Box 969  
Charleston, WV 25324  
  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
  
6) Inspector Terry Urban  
Address P.O. Box 1207  
Clendenin, WV 25045  
Telephone 304-549-5915

5) (a) Coal Operator  
Name Speed Mining, LLC ✓  
Address P.O. Box 99  
Dawes, WV. 25054  
  
(b) Coal Owner(s) with Declaration  
Name LaFollete ✓  
Address P.O. Box 969  
Charleston, WV 25324  
  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
  
(c) Coal Lessee with Declaration  
Name Panther, LLC ✓  
Address 500 Lee Street, East Suite 900  
Charleston, WV 25301

**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.

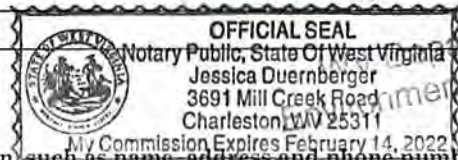
Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental 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 Panther, LLC  
By: Gary Acord *Gary E. Acord*  
Its: Agent  
Address 500 Lee Street, East Suite 900  
Charleston, WV, 25301  
Telephone 304-205-8847

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Office of Oil and Gas  
SEP 09 2014

Subscribed and sworn before me this 8 day of September

*Jessica Duernberger*  
My Commission Expires 2/14/2022



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](mailto:depprivacyofficer@wv.gov)

500 283 P

WW-4B

API No. 47-005- Unknown (BOO-283)

Farm Name LaFollete

Well No. B&C 1

**INSTRUCTIONS TO COAL OPERATORS  
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

**WAIVER**

The undersigned coal operator X / owner \_\_\_\_\_ / lessee \_\_\_\_\_ / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: Sept 06, 2014

Speed Mining LLC  
By: GARY E. ACORD Hampelwood  
Its ENGINEER

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SEP 09 2014  
WV Department of  
Environmental Protection

10/24/2014

500287P

WW-4B

API No. 47-005-Unknown (BOO-283)

Farm Name LaFollete

Well No. B&C 1

**INSTRUCTIONS TO COAL OPERATORS  
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

**WAIVER**

The undersigned coal operator \_\_\_\_\_ / owner \_\_\_\_\_ / lessee X / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: 9-06-2014

Panther LLC  
By: GARY E. ACCORD  
Its AGENT

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Office of Oil and Gas  
SEP 09 2014  
WV Department of  
Environmental Protection

10/24/2014

SURFACE OWNER WAIVER  
Operator's Well  
Number

B&C #1

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.  
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas  
Department of Environmental Protection  
601 57<sup>th</sup> St. SE  
Charleston, WV 25304  
(304) 926-0450

**Time Limits and methods for filing comments.** The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

**Comments must be in writing.** Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

**If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.**

**VOLUNTARY STATEMENT OF NO OBJECTION**

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat. I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON  
CORPORATION.

John C. Bullock  
Signature

Date 2/29/2014

FOR EXECUTION BY A

Name LaFollete  
By John C. Bullock  
Its Engineer Date \_\_\_\_\_

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WW-4B

API No. 47-005-Unknown (BOO-283)

Farm Name LaFollete

Well No. B&C 1

**INSTRUCTIONS TO COAL OPERATORS  
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

**WAIVER**

The undersigned coal operator \_\_\_\_\_ / owner X / lessee \_\_\_\_\_ / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: 8/29/2014

LML Properties, LLC

By: John C. Bullock  
Its Engineer

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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 PANTHER, LLC OP Code \_\_\_\_\_

Watershed (HUC 10) Little White Oak Creek Quadrangle Sylvester

Elevation 1044' County Boone District Sherman

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes \_\_\_\_\_ No X

Will a pit be used for drill cuttings? Yes X No \_\_\_\_\_

If so, please describe anticipated pit waste: Cement cuttings  
Will a synthetic liner be used in the pit? Yes X No \_\_\_\_\_ Is so, wat ml.? 10 20 ML.

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 \_\_\_\_\_ )

Will closed loop system be used? Yes, if excess will be trucked to U-80-83 slurry cells

Drilling medium anticipated for this well? Air, freshwater, oil based, etc. Water  
-If oil based, what type? Synthetic, petroleum, etc. \_\_\_\_\_

Additives to be used in drilling medium? \_\_\_\_\_

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Leave in pit  
- If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) Cement and cuttings  
- Landfill or offsite name/ permit number? U-80-83

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.

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Company Official Signature *Gary Acord*

Company Official (Typed Name) Gary Acord

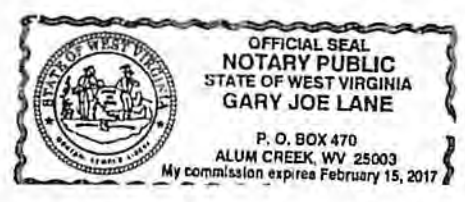
OCT 23 2014

Company Official Title Agent

WV Department of Environmental Protection

Subscribed and sworn before me this 22nd day of October, 20 14

Notary Public  
GARY JOE LANE



10/24/2014

Proposed Revegetation Treatment: Acres Disturbed \_\_\_\_\_ Prevegetation \_\_\_\_\_

Lime 2 Tons/acre or to correct to pH 6.5

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

Mulch 2 Tons or 1000-1500 lbs Hydroseed Mulch Tons/acre  
Seed Mixtures

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lb:
Fescue	40 lbs./Ac.		
Clover	5 lbs./Ac.		
Ryegrass	5 lbs./Ac.		

Attach:

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

Photocopied section of involved 7.5' topographic sheet.

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Plan Approved by: [Signature]

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Title: Inspector Dubois Date: \_\_\_\_\_  
Field Reviewed?  Yes  No







West Virginia Department of Environmental Protection  
Office of Oil and Gas  
**WELL LOCATION FORM: GPS**

API: 47-005-Unknown (BOO-283) WELL NO.: B&C 1  
FARM NAME: LaFollete  
RESPONSIBLE PARTY NAME: Gary E. Acord  
COUNTY: Boone 5 DISTRICT: Sherman 4  
QUADRANGLE: Sylvester 630  
SURFACE OWNER: LaFollete  
ROYALTY OWNER: LaFollete  
UTM GPS NORTHING: 4213552.85 meters (NAD-83)  
UTM GPS EASTING: 452307.01 meters (NAD-83) GPS ELEVATION: 318 meters 1043'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:  
Survey grade GPS X: Post Processed Differential \_\_\_\_\_  
Real-Time Differential \_\_\_\_\_  
Mapping Grade GPS \_\_\_\_\_: Post Processed Differential \_\_\_\_\_  
Real-Time Differential \_\_\_\_\_

**4. Letter size copy of the topography map showing the well location.**

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

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West Virginia Department of  
Environmental Protection

GARY E. ACORD  
Gary E. Acord, PE, PS SUPERVISING ENGINEER  
Signature PE# 7840 Title  
PS 487

9/05/2014  
Date