Mr. Bill Potter  
President  
Performance Coal Company  
P. O. Box 69  
Naoma, WV  25140

Dear Mr. Potter:

Subject:  Approved Gas Well Permit, Section 75.1700, 30 CFR 75, Upper Big Branch Mine-South, I.D. No. 46-08436, Performance Coal Company, Montcoal, Raleigh County, West Virginia, Permit No. 17325-T1

This will acknowledge receipt and approval of the subject permit for extracting coal and the request to mine through gas well No. 1A located on the subject mine property.

The permit is based upon an evaluation of the projected mine plan as shown on Form OG-45 dated October 19, 2004, which shows the well being plugged in accordance with the approved 101(c) Petition of Modification and is issued in accordance with provisions of Section 75.1700, 30 CFR.

Should you have any questions concerning this matter, please contact William L. Ross at (304) 877-3900/Ext. 142.

Sincerely,

/\ JESSE P. COLE

Jesse P. Cole  
District Manager  
Coal Mine Safety and Health, District 4

cc: Mt. Hope Field Office (3 encl.)  
Files/dac
FEB 08 2005

Mr. Bill Potter
President
Performance Coal Company
P. O. Box 69
Naoma, WV 25140

Dear Mr. Potter:

Subject: Approved Gas Well Permit, Section 75.1700, 30 CFR 75,
Upper Big Branch Mine-South, I.D. No. 46-08436,
Performance Coal Company, Montcoal, Raleigh County,
West Virginia, Permit No. 17325-T1

This will acknowledge receipt and approval of the subject permit for extracting coal
and the request to mine through gas well No. 1A located on the subject mine property.

The permit is based upon an evaluation of the projected mine plan as shown on
Form OG-45 dated October 19, 2004, which shows the well being plugged in accordance
with the approved 101(c) Petition of Modification and is issued in accordance with
provisions of Section 75.1700, 30 CFR.

Should you have any questions concerning this matter, please contact William L. Ross
at (304) 877-3900/Ext. 142.

Sincerely,

Jesse P. Cole
District Manager
Coal Mine Safety and Health, District 4
STATE OF WEST VIRGINIA  
OFFICE OF MINERS' HEALTH, SAFETY & TRAINING  
1615 WASHINGTON ST. EAST  
CHARLESTON, WV 25311-2126  

PERMIT NUMBER: BOO-836  
DATE: 11/19/2004

PERMIT  
TO EXTEND MINE WORKINGS  
WITHIN THE 200 FOOT RADIUS OF OIL OR GAS WELLS

COMPANY: PERFORMANCE COAL CO.  
MINE: UBBMC MONTCOAL EAGLE  
SEAM: EAGLE  
DISTRICT: CROOK  
COUNTY: RAILEIGH  
ADDRESS: PO BOX 69  
CITY: NAOMA,  
STATE: WV, ZIP: 251400000  

MINE PERMIT NUMBER: U00304292

PERMISSION IS HEREBY GIVEN:

TO MINE INTO AND THROUGH NORTH COAST ENERGY'S  
ABANDONED GAS WELL NO. 1A LOCATED ON THE WESTERN  
POCAHONTAS FARM IN THE CROOK DISTRICT OF BOONE  
COUNTY AS SHOWN ON THE APPROVED ATTACHED MAP.

CONTIGENT UPON THE FOLLOWING:

1. MINING IS TO BE PERFORMED STRICTLY IN ACCORDANCE WITH THE MAP APPROVED  
   BY THE DIVISION OF MINES HEALTH, SAFETY AND TRAINING HERETO.  
2. A COPY OF THE PERMIT SHALL BE KEPT AT THE MINE.  
3. THE PERMIT IS VOID UPON INSPECTOR'S RECOMMENDATION.  
4. THE PERMIT IS NON-TRANSFERRABLE.

WELL OPERATOR: NORTH COAST ENERGY  
WELL OPERATOR WELL NUMBER: 1A  
MINE OPERATOR WELL NUMBER: 1A

BY:  

DORRIO COMARNO  
DIRECTOR - WV MINERS' HEALTH,  
SAFETY AND TRAINING

LUCY TAYLOR  
ADMINISTRATOR - WV MINERS' HEALTH,  
SAFETY AND TRAINING

CCS:  
NORTH COAST ENERGY  
REGION: 4  
M.S.H.A. District Office  
H.S. & T. File
STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
SECTION OF OIL AND GAS  

AFFIDAVIT OF PLUGGING AND FILLING WELL 

AFFIDAVIT SHOULD BE IN TRIPlicate, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: Western Pocahontas  
Operator Well No.: Eunice 1A  

LOCATION:  
Elevation: 1,389.00  
Quadrangle: WHITESVILLE  
District: CROOK  
County: BOONE  
Latitude: 1620 Feet South of 37  
Deg. 55 Min. 0 Sec.  
Longitude: 11050 Feet West of 81  
Deg. 32 Min. 30 Sec.  

Well Type: OIL  
GAS XX 

Company: Peake Energy, Inc.  
P.O. Box 8  
Ravenswood, WV 26164  

Coal Operator or Owner: Independance Coal Co.  
RC 78 Hox 1800  
Madison, WV 25130  

Agent:  

Permit Issued: 03/24/98  

STATE OF WEST VIRGINIA,  
County of Boone  

\[signature\]  
Tim Comer  
and Jack Witt  
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 above named well operator, and participated in the work of plugging and filling the above well, and Richard Campbell Oil and Gas Inspector representing the Director, say that said work was commenced on the 2nd day of April, 1998, and that the well was plugged and filled in the following manner:  

<table>
<thead>
<tr>
<th>TYPE</th>
<th>FROM</th>
<th>TO</th>
<th>PIPE REMOVED</th>
<th>LEFT</th>
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<tr>
<td>Mechanical Solid Brdg</td>
<td>2800'</td>
<td>2790'</td>
<td>2394' - 4 1/2&quot;</td>
<td>573' 4 1/2&quot;</td>
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<td>2 sacks Cal-Seal</td>
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<td>2394'</td>
<td></td>
<td></td>
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<tr>
<td>6% Gel</td>
<td>2194'</td>
<td>2194'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thixotropic Cement</td>
<td>1606'</td>
<td>1506'</td>
<td></td>
<td></td>
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<td></td>
</tr>
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<td>Class A Cement</td>
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<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
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Description of monument: per state inspector and coal co.  
and that the work of plugging and filling said well was completed on the 3rd day of April, 1998.

And further deponents saith not.  

\[signature\]  
Sworn and subscribed before me this 24th day of June, 1998.  

My commission expires: \[date\]  

Notary Public
The following procedures were used to plug Peake’s Eunice 1A well (API # 47-005-1359) located just downstream from the mouth of Third Left Fork off James Creek (Valley Fill No. 1, Twilight MTR):

1. Pulled 2923.55 ft. of 2" tubing (Elmore Production Services, Inc.).

2. Set CIBP in 4 ½" casing at 2800 ft. (Allegheny Wireline Services, Inc.).

3. Dumped 2 100 lb. sacks of D-53 (Cal-Seal equivalent) on top of CIBP. Loaded 4 ½" casing with Gel and circulated to surface (Dowell-Schlumberger).


5. Pulled 1 joint of 4 ½" casing (Elmore).

6. Set 200 ft. thixotropic cement plug from 2394 ft. to 2194 ft. (Dowell).

7. Pulled 24 more joints of 4 ½" casing to approximately 1606.5 ft. (Elmore).

8. Set 100 ft. Class A cement plug from 1606.5 to 1506.5 (Dowell).

9. Pulled remaining 1606.5 ft. of 4 ½" casing (Elmore).

10. Attempted to set CIBP in 7" casing at 617 ft. but could only get plug down the hole approximately 108 ft. (Allegheny).

11. Modified a 6 ft. chisel bit to fit inside of 7" casing and attached it to the bottom of a set of "jars" and attempted to chisel away the obstruction inside the 7" casing. After repeated attempts, 6 ft. chisel bit got past the obstruction and was lowered approximately 600 ft. Had trouble retrieving bit and jars from hole but was successful in doing so. Because of the trouble in retrieving bit, it was apparent that the obstruction still existed. Lowered bit and jars back into hole past the obstruction but was unable to retrieve them. In the repeated
attempts to get back up past the obstruction, the 6 ft. chisel bit became dislodged from the jars and was lost down the hole (Elmore).

(12) Perforated 7” casing every 10 ft. from 617 ft. to 417 ft. (200 ft. below the coal seam). Perforated 7” casing every 1 ft. from 417 ft. to 411 ft. through the coal seam (Alleghery).

(13) Ran 21 joints of 2” tubing back into hole (Elmore).

(14) Circulated Gel to surface. Set 400 ft. ductotropic cement plug from 717 ft. to 317 ft. (Dowell).

(15) Pulled 12 joints of 2” tubing (Elmore).

(16) Set 317 ft. Class A cement plug from 317 ft. to surface (Dowell).

(17) Pulled remaining 2” tubing (Elmore).

(18) Topped off hole with Class A cement (Dowell).

Copy:  Freal Mize  
      Ben Hatfield  
      Mike Milam  
      John Ullom (Peake)
WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal / (if "Gas," Production X / Underground Storage / Deep / Shallow X) /

LOCATION: Elevation: 1389' Watershed James Creek of West Fork District: Creek County Boone Quadrangle Whitesville 74'

<table>
<thead>
<tr>
<th>Casing &amp; Tubing</th>
<th>Used in Drilling</th>
<th>Left in Well</th>
<th>Cement Fill Up</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>20-16</td>
<td>13-10</td>
<td>8 5/8</td>
</tr>
<tr>
<td>Cond.</td>
<td>20'</td>
<td>200'</td>
<td>1555'</td>
</tr>
<tr>
<td></td>
<td>200'</td>
<td>1555'</td>
<td>3067'</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td></td>
<td>2</td>
</tr>
</tbody>
</table>

GEODETICAL TARGET FORMATION: Weir Depth 2886-2925 feet

Depth of completed well: 3184 feet Rotary X / Cable Tools

Water strata depth: Fresh 200' log feet; Salt 2 feet

Coal seam depths: 212-222

Is coal being mined in the area? No

OPEN FLOW DATA

<table>
<thead>
<tr>
<th>Producing formation: Weir</th>
<th>Pay zone depth 2887-2894 feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gas: Initial open flow 88 Mcf/d Oil: Initial open flow 1158 Bbl/d</td>
<td></td>
</tr>
<tr>
<td>Final open flow 158 Mcf/d Final open flow 4.1/2 Bbl/d</td>
<td></td>
</tr>
</tbody>
</table>

Time of open flow between initial and final tests: 3 hours after frac. Static rock pressure 800 psig (surface measurement) after hours shut in (If applicable due to multiple completion—)

Second producing formation: Pay zone depth feet

| Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d |
|--------------------------|--------------------------|
| Final open flow Mcf/d Oil: Final open flow Bbl/d |

Time of open flow between initial and final tests: 3 hours

Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)
FORM IV-35
(REVERSE)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.


Frac'd Weir: 1000 gal. 15% HCl; 15,000# 80/100 and 45,000# 20/50. BDF 1850 psi; ATP 1050 psi; ISIP 1500 psi. 15 minutes 500 psi. Ran up to 46/gal. of sand per minute.

WELL LOG

<table>
<thead>
<tr>
<th>FORMATION</th>
<th>COLOR</th>
<th>HARD OR SOFT</th>
<th>TOP FEET</th>
<th>BOTTOM FEET</th>
<th>Including indication of all fresh and salt water, coal, oil and gas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sand and shale</td>
<td></td>
<td></td>
<td>0</td>
<td>1195</td>
<td>Water @ 30' - 2½ gpm</td>
</tr>
<tr>
<td>Hard Sandstone</td>
<td></td>
<td></td>
<td>1195</td>
<td>1518</td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td></td>
<td></td>
<td>1518</td>
<td>1534</td>
<td></td>
</tr>
<tr>
<td>Sandstone</td>
<td></td>
<td></td>
<td>1534</td>
<td>1595</td>
<td></td>
</tr>
<tr>
<td>Sand and shale</td>
<td></td>
<td></td>
<td>1595</td>
<td>1872</td>
<td></td>
</tr>
<tr>
<td>*Limestone</td>
<td></td>
<td></td>
<td>1872</td>
<td>1904</td>
<td></td>
</tr>
<tr>
<td>Sand and shale</td>
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<td>1904</td>
<td>2006</td>
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<td>Hard sand</td>
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<td>2117</td>
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<td>Sand and shale</td>
<td></td>
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<td>2117</td>
<td>2263</td>
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</tr>
<tr>
<td>Mexton - hard</td>
<td></td>
<td></td>
<td>2263</td>
<td>2362</td>
<td></td>
</tr>
<tr>
<td>*Shale</td>
<td></td>
<td></td>
<td>2362</td>
<td>2396</td>
<td></td>
</tr>
<tr>
<td>*Big Lime</td>
<td></td>
<td></td>
<td>2386</td>
<td>2756</td>
<td></td>
</tr>
<tr>
<td>Yellow lime</td>
<td></td>
<td></td>
<td>2756</td>
<td>2770</td>
<td></td>
</tr>
<tr>
<td>Red limey sand</td>
<td></td>
<td></td>
<td>2770</td>
<td>2780</td>
<td></td>
</tr>
<tr>
<td>Sand and black shale</td>
<td></td>
<td></td>
<td>2780</td>
<td>2836</td>
<td></td>
</tr>
<tr>
<td>*Well</td>
<td></td>
<td></td>
<td>2836</td>
<td>2925</td>
<td></td>
</tr>
<tr>
<td>Sandy shale</td>
<td></td>
<td></td>
<td>2925</td>
<td>TD</td>
<td></td>
</tr>
</tbody>
</table>

DTD 3104 GL
LTD 3103 GL

*E. Log Tops

(Attach separate sheets as necessary)

Peake Operating Company
Well Operator
By: 
Date: January 20, 1983

Note: Regulation 2.08(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including core, encountered in the drilling of a well."
STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF MINES AND MINERALS

COAL OPERATOR'S PETITION TO OPERATE
WITHIN 200 FEET OR TO MINE THROUGH A WELL

Date: October 27, 2004
Operator's
Well No. DCO-1A
API Well No. 42-005-1359
State County Permit

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal / (If "Gas", Production / Underground Storage / Deep / Shallow /

LOCATION: Elevation: 1377.41 Watershed: James Creek of West Fork of Little Coal River
District: Crook County: Boone Quadrangle Whitesville
WELL OPERATOR: North Coast Energy Eastern DESIGNATED AGENT: Paul Poulos
Address: P.O. Box 8
Ravenswood, WV 26164

The undersigned coal operator hereby petitions for leave to do the following:
__ X __ Mine within 200 feet of said well.
__ X __ Mine through said well when the same is properly plugged.

On the reverse side hereof is a copy of the map and plan of the undersigned coal operator showing its projected mine workings within 500 feet of said well.

The undersigned coal operator hereby represents that it will file updated or new maps and plans with the Department every six months, until mining within 500 feet of the well has ceased or until the well has been mined through.

Prior to the actual mining through of said well, the undersigned coal operator will submit the Form WB-35, "Well Operator's Report of Drilling, Fracturing and/or Stimulating or Physical Change", and the Form WB-38, "Affidavit of Plugging and Filling Well", to show that the well has been properly plugged in a manner to permit the safe mining through of the well.

Copies of this petition and enclosed maps and plans have been sent by registered mail to the well operator, as required by Code 22A-2-75.

Performance Coal Company
Coal Operator

By ____________________________
Its Mining Engineer

STATE OF West Virginia,
COUNTY OF Raleigh, TO WIT:

_________________________ being first duly sworn, deposes and says that
he is ___________________________ of the coal operator named above; that he is familiar
with the facts set out both in the petition and on the accompanying maps and plans; and that
the same are true.

Subscribed and sworn to before me this ___________________________
My commission expires ___________________________

[Signature]
Notary Public
COAL OPERATOR'S PLAN TO OPERATE
WITHIN 200 FEET OR TO MINE THROUGH A WELL

COAL OPERATOR
Performance Coal Company

ELEVATIONS:
Surface 1377.41'
Bottom of Coal 597'
Difference 780.41'

MINE
Upper Big Branch
SECTION Longwall #19
OVERBURDEN S.S/Shale
ROOF Shale
BOTTOM Shale

WELL TYPE: Oil X Gas Liquid Injection X Waste Disposal /
(If "Gas", Production X Underground storage /
Deep / Shallow /)

LOCATION:
Elevation: 1377.41'
Watershed: James Creek of West Fork of Pond Fork of Little Coal River
District: Crook County: Boone Quadrangle: Whitesville

Farm: Western Pocahontas Properties Limited Partnership
Tract: 2357 acres (Lesse No. 20)

STATUS: Active X Abandoned /
Drilling /
Date completed or abandoned, April 3, 1998

AMOUNT OF CASING IN WELL 573' of 4 1/2
October 27, 2004

Mr. Jesse P. Cole  
District Manager  
Mine Safety and Health Administration  
100 Bluestone Road  
Mt. Hope, West Virginia 25880-0112

RE: Performance Coal Company - Mine Through P.O.C. No. 1A Gas Well  
Upper Big Branch Mine-South  
Federal I.D. 46-08436  
State I. D. U-3042-92

Dear Mr. Cole:

Performance Coal Company, Upper Big Branch Mine-South (ID 46-08436), is submitting the Enclosed OG-45 form and a copy of the Plugging Affidavit to mine through gas well, P.O.C. #1A, API 47-005-1359. A copy of this petition has been sent to the West Virginia Department of Environmental Protection for review and approval.

This well has been plugged to 101C specs. Attached also is other information pertinent to the plugging procedure.

The approximate location of the well is at station 49 + 70.

If you have any questions, or require further information, please call me at (304) 854-1761.

Respectfully Submitted,

[Signature]

George T. Levo  
Mining Engineer
The following procedures were used to plug Peake's Eunice 1A well (API # 47-005-1359) located just downstream from the mouth of Third Left Fork off James Creek (Valley Fill No. 1, Twilight MTR):

1. Pulled 2923.55 ft. of 2" tubing (Elmore Production Services, Inc.).

2. Set CIBP in 4 ½" casing at 2800 ft. (Allegheny Wireline Services, Inc.).

3. Dumped 2 100 lb. sacks of D-53 (Cal-Seal equivalent) on top of CIBP. Loaded 4 ½" casing with Gel and circulated to surface (Dowell-Schlumberger).


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6. Set 200 ft. thixotropic cement plug from 2394 ft. to 2194 ft. (Dowell).

7. Pulled 24 more joints of 4 ½" casing to approximately 1606.5 ft. (Elmore).

8. Set 100 ft. Class A cement plug from 1606.5 to 1506.5 (Dowell).

9. Pulled remaining 1606.5 ft. of 4 ½" casing (Elmore).

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12-14-04
Performance Coal Company
I.D. 46-08436
Upper Big Branch Mine - South
Mine Through of gas well No. 1A
API well No. 47-005-1359
Location of well No. 1A is 49170

State Approval - 11-19-2004  Permit Number 800-836
Doug Comerley & Terry Fairley

Well Operator's Report - Jan 29, 1983
Coal Seam Depth - 217 - 222

Casing in Well
9 5/8" 290' 7" 1555' 4 1/2" 3067' 60-00' 1000' 2000'

Affidavit of Plugging June 24, 1998
* Not Signed by Oil & Gas Inspector

Pipe removed Pipe left
* 2394' - 4 1/2" 573' - 4 1/2" Well Operator's report 3067' in well
so 3067' - 2394 = 673' or 4 1/2" small discrepancy

* Thixotropic cement from 717' to 317' so cement is 495 ft
below 100 & 4' below 717'. Does not cover the coal seam
Class A cement from 317' to surface

* Removed 4 1/2" casing at coal seam but no mention of perforation
in the 7" casing.
peaks at suspected coal seam ~ 75 psi
peaks below coal seam ~ 215 psi
STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: Western Pocahontas

Operator Well No.: Eunice 1A

LOCATION:
Elevation: 1,389.00
Quadrangle: WHITESVILLE
District: CROOK
County: BOONE
Latitude: 1620 Feet South of 37 Deg. 55 Min. 0 Sec.
Longitude: 11050 Feet West of 81 Deg. 32 Min. 30 Sec.

Well Type: OIL GAS XX

Company: Peake Energy, Inc.
P.O. Box 8
Ravenswood, WV 26164

Coal Operator or Owner: Independend Coal Co.
P.O. Box 1800
Madison, WV 25130

Agent:

Coal Operator or Owner:

Permit Issued: 03/24/98

STATE OF WEST VIRGINIA,
County of Boone

ss:

Tim Comer and Jack Witt 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 above named well operator, and participated in the work of plugging and filling the above well, and Richard Campbell Oil and Gas Inspector representing the Director, say that said work was commenced on the 2nd day of April, 1998, and that the well was plugged and filled in the following manner:

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<tr>
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<tr>
<td>Thixotropic Cement</td>
<td>317'</td>
<td>Surface</td>
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</tr>
<tr>
<td>Class A Cement</td>
<td>317'</td>
<td>Surface</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Description of monument: per state inspector and coal co. and that the work of plugging and filling said well was completed on the 3rd day of April, 1998.

And further deponents saith not.

Sworn and subscribe before me this 24th day of June, 1998.


Notary Public

Oil and Gas Inspector:
FAX

To: Raymond Browning
From: George Lee

Fax: 877-3927
Pages: 2+ page

Phone: Date: 2/1/05

Re: CC:

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

* Comments:

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Fax

To: George Levo
From: Sue McGee

Fax: 304-926-3529
Pages: 2

Phone: Date: February 1, 2005

Re: Affidavit of Plugging and Filling Well CC:

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

Comments:
According to Gene Smith at WVDEP the initials and date circled make this affidavit acceptable.
# STATE OF WEST VIRGINIA
# DIVISION OF ENVIRONMENTAL PROTECTION
# SECTION OF OIL AND GAS

## AFFIDAVIT OF PLUGGING AND FILLING WELL

**Affidavit should be in triplicate, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.**

**Farm name:** Western Pocahontas  
**Operator Well No.:** Runice 1A

**Location:**
- **Elevation:** 1,388.00
- **Quadrangle:** WHITESVILLE
- **District:** CROOK
- **Latitude:** 37 Deg. 55 Min. 0 Sec.
- **Longitude:** 110 Deg. 32 Min. 30 Sec.

**Well Type:** OIL

**Company:** Hanke Energy, Inc.  
**Coal Operator:** Independence Coal Co., Inc.

**Agent:**  
**Coal Operator or Owner:**

**Permit Issued:** 03/24/98

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## AFFIDAVIT

**Tim Comer** and **Jack Whit** being first duly sworn according to law, deposes and says that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and that said work was commenced on the 2nd day of April, 1998, and that the well was plugged and filled in the following manner:

<table>
<thead>
<tr>
<th>TYPE</th>
<th>FROM</th>
<th>TO</th>
<th>Pipes Removed</th>
<th>Lft</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mechanical Solid Plugs</td>
<td>2800'</td>
<td>2799'</td>
<td>2384' - 4 1/2'</td>
<td>275' - 1/2'</td>
</tr>
<tr>
<td>2 Sacks Cal-Seal</td>
<td>2700'</td>
<td>2394'</td>
<td>2194'</td>
<td>1106'</td>
</tr>
<tr>
<td>Grout</td>
<td>2394'</td>
<td>2194'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>63 gal</td>
<td>2144'</td>
<td>1106'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Class A Cement</td>
<td>1808'</td>
<td>1006'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 gal</td>
<td>1006'</td>
<td>717'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Portland Cement</td>
<td>717'</td>
<td>Surface</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Description of monuments:** per state inspector and coal co. and that the work of plugging and filling said well was completed on the 3rd day of April, 1998.

And further deponents saith not.

Sworn and subscribed before me this 24th day of May, 1998.

Notary Public

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