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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](http://www.dep.wv.gov)

November 18, 2011

## **FINAL INSPECTION REPORT**

### **New Well Permit Cancelled**

DOMINION EXPLORATION & PRODUCTION,

The FINAL INSPECTION REPORT for the CANCELLED permit, API Well Number: 47-4702740, issued to DOMINION EXPLORATION & PRODUCTION, and listed below has been received in this office. The permit has been cancelled as of 10/27/2011.

James Martin  
Chief

Operator: DOMINION EXPLORATION & PRODUCTION  
Operator's Well No: 30938  
Farm Name: HEARTWOOD FORESTLAND FU  
**API Well Number: 47-4702740**  
Date Issued: 09/24/2009

Date Cancelled: 10/27/2011

**Promoting a healthy environment.**



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Joe Manchin III, Governor  
Randy C. Huffman, Cabinet Secretary  
www.wvdep.org

September 24, 2009

**WELL WORK PERMIT**

**New Well**

This permit, API Well Number: 47-4702740, issued to DOMINION EXPLORATION & PRODUCTION INC, 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.

Please be advised that form WR-35, well operators report of well work, is to be submitted to this office within 90 days of completion of drilling, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35CSR-4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0499 ext. 1654.

James Martin  
Chief

Operator's Well No: 30938

Farm Name: HEARTWOOD FORESTLAND FU

**API Well Number: 47-4702740**

**Permit Type: New Well**

Date Issued: 09/24/2009

**Promoting a healthy environment.**

47-02740

**STATE OF WEST VIRGINIA**  
**DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**WELL WORK PERMIT APPLICATION**

1) Well Operator Dominion Exploration & Production, Inc. 47 3 319  
Operator ID County District Quadrangle

2) Operators Well Number: DEPI 30938      3) Elevation: 1965'

4) Well Type: (a) Oil \_\_\_\_\_ or Gas X \_\_\_\_\_  
 (b) If Gas:      Production X /      Underground Storage \_\_\_\_\_  
                     Deep \_\_\_\_\_ /      Shallow X \_\_\_\_\_

5) Proposed Target Formation(s): LOWER HURON

6) Proposed Total Depth: 6070' Feet

7) Approximate fresh water strata depths: 303'

8) Approximate salt water depths: NONE

9) Approximate coal seam depths: 719', 759', 788', 868', 924', 961', 1020', 1183', 1288', 1338'

10) Does land contain coal seams tributary to active mine? NO

11) Describe proposed well work Drill new well.

12) CASING AND TUBING PROGRAM

| TYPE         | SPECIFICATIONS |       |               | FOOTAGE INTERVALS |              | CEMENT             |
|--------------|----------------|-------|---------------|-------------------|--------------|--------------------|
|              | Size           | Grade | Weight per ft | For Drilling      | Left in Well | Fill -up (Cu. Ft.) |
| Conductor    | 12.75          |       |               | 20                | 20           | SAND - IN          |
| Fresh Water  | 9.625          | L.S.  | 26            | 550               | 550          | CTS                |
| Coal         |                |       |               |                   |              |                    |
| Intermediate | 7              | L.S.  | 17            | 1700              | 1700         | CTS                |
| Production   | 4.5            | M-65  | 9.5           | 6070              | 6070         | 200 SKS            |
| Tubing       |                |       |               |                   |              |                    |
| Liners       |                |       |               |                   |              |                    |

Packers:      Kind  
                     Sizes  
                     Depths Set

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**RECEIVED**  
 Office of Oil & Gas  
 SEP 08 2009

WV Department of  
 Environmental Protection

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