Mine Activity Data

1. Action:  
   a. New Entry [□]  
   b. Update [□]  

2. Activity Code:  E02

3. Event Number:  6288908

4. Date Event Started: 12/22/2009

5. Date Event Finished: 12/22/2009

6. Mine ID:  46-08436

7a. Organization Code (Mine Assignment)  20401

7b. Work Group Identifier 02

8. Organization Code (AR Assignment)  20401

8b. Work Group 02

9. Company Name  PERFORMANCE COAL COMPANY

10. Mine Name  UPPER BIG BRANCH MINE-SOUTH

11. Report Type (check)
   a. First [□]
   b. Interim [□]
   c. Last [□]
   d. Not Applicable [✓]

12. Area of Inspections
   a. Active Sections
   b. Idle Sections

13. Number of Samples Collected
   a. Air Samples 1
   b. Rock Dust Spot
   c. Rock Dust Survey
   d. Respirable Dust
   e. Noise
   f. Other

14. Impoundments/Refuse Piles:
   a. Number
   b. FHC
   c. Configuration

15. Prime Independent Contractor Codes (Major Construction)

16. Inspection Results

   a. This Inspection
   (1) New Issuances
   (2) Terminations/Vacations
   (3) Modifications/Extensions
   (4) Left Pending
   (1) Modifications/Extensions
   (2) Terminations/Vacations

   Citations
   Orders
   Safeguards
   Other
   Coal Opr Con
   Coal Opr Con
   Coal Opr Con
   Coal Opr Con

   0 0 0 0 0 0 0
   0/0 0/0 0/0 0/0 0/0 0/0 0/0
   0 0 0 0 0 0 0
   0/0 0/0 0/0 0/0 0/0 0/0 0/0
   0/0 0/0 0/0 0/0 0/0 0/0 0/0

17. Remarks:
   bottle #E5501

18. Signature and Card Number of Authorized Representative/Right of Entry Person(s) Responsible for Activity
   a. Card Number
   b. 
   c. 
   d. 

19. Key Entered By
   a. Date

MSHA Form 2000-22. Oct. 85 (Revised) Previous editions are Obsolete
<table>
<thead>
<tr>
<th>Shift</th>
<th>Sun</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thur</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week 1</td>
<td></td>
<td></td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>
12/21/2009

Reverse, MSHA Form 2000-22, Oct 85 (Revised)

Key Codes: 1- Owl Shift, 2- Day Shift & 3- Evening Shift (Mark "X" in appropriate Block to Indicate Shift)
## Analysis of Air Samples

**Mine:** UPPER BIG BRANCH MINE SOUTH  
**Company:** PERFORMANCE COAL COMPANY  
**Mine ID:** 4608436  
**Date(s) Collected:** 12/22/2009  
**Inspector:**  
**Office:** 401

<table>
<thead>
<tr>
<th>BOTTLE NUMBER</th>
<th>LOCATION IN MINE</th>
<th>CARBON DIOXIDE</th>
<th>OXYGEN</th>
<th>METHANE</th>
<th>ETHANE</th>
<th>CUBIC FEET AIR PER MINUTE</th>
<th>CUBIC FEET METHANE IN 24 HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>E5501</td>
<td>IMMEDIATE RETURN OFF OF #2 SECTION</td>
<td>0.090</td>
<td>20.91</td>
<td>0.020</td>
<td>0.000</td>
<td>23985</td>
<td>6908</td>
</tr>
</tbody>
</table>

The percentage of nitrogen can be determined by subtracting the sum of the reported values from 100.00.