

Date of Issue: 01/28/2009 12:56:36  
DEP Bureau Of Laboratories - Harrisburg  
P.O. Box 1467  
2575 Interstate Drive  
Harrisburg , PA 17105-1467

PAGE 1

Contact Phone Number: (717) 346-7200

Analytical Report FOR  
Oil And Gas Mgmt

Sample ID: 4530 101 01/05/2009 Status: COMPLETED

Name of Sample Collector: Michael O'Donnell  
Date Sample was Collected: 01/05/2009 11:00:00 AM

County: Susquehanna State: PA  
Municipality: Dimock Twp

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SHELLY WEAVER  
MONTROSE PA 18801-

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Sample Medium: Water  
Sample Medium Type: Ground Water

Location: NOT INDICATED  
Reason: Complaint

Sampled well at hose from pressure tank after running water for  
several minutes.

Appearance: Sample appears clear

Laboratory Sample ID: O2009000007  
Suite: METH

COMPLETED

Legal Seal: G020998 Intact: YES

(continued)

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Analytical Report FOR  
Oil And Gas Mgmt

Sample ID: 4530 101 01/05/2009 Status: COMPLETED

Note: Calibration check was out of control range. This indicates  
tha t the reported result could be biased by as much as 30%

Test/Codes CAS# - Description	Reported Results	Date
Approver Test Method		Approved
74828 Methane	7.92 UG/L (U)	01/22/2009
DACLEMENS		
74851 Ethene	19.8 UG/L (U)	01/22/2009
DACLEMENS		
74840 Ethane	19.8 UG/L (U)	01/22/2009
DACLEMENS		
74986 Propane	19.8 UG/L (U)	01/22/2009
DACLEMENS		

(continued)

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Analytical Report FOR  
Oil And Gas Mgmt

Sample ID: 4530 101 01/05/2009 Status: COMPLETED

\*\*\*\*\*  
The results of the analyses provided in this laboratory report relate only  
to the sample(s) identified in the report.

Taru Upadhyay, Technical Director, Bureau of Laboratories

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End of Report

(continued)

ORGANICS LABORATORY QUALIFIERS

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- U - Indicates compound was analyzed for but not detected. The sample quantitation limit is reported.
- J - Indicates an estimated value, below the quantification limit, but above the method detection limit.
- N - Indicates presumptive evidence of a compound.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- P - This flag is used with a target analyte when there is greater than a 25% difference between the results obtained from the primary and confirmation columns for dual column analysis methods. (ie, pesticides, triazines, PCB's, etc). The reported value is the average of the two results.
- Q - This flag identifies the average of multiple results from multiple analysis, or the average of the averages of dual column analysis methods.
- (Underline) - The compound is present at the amount reported. No flag.
- X - Non-target analytes co-elute with compound. Identification unable to be confirmed.

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Analytical Report FOR  
Oil And Gas Mgmt

Sample ID: 4530 103 01/08/2009 Status: COMPLETED

Name of Sample Collector: Michael O'Donnell  
Date Sample was Collected: 01/08/2009 10:50:00 AM

County: Susquehanna State: PA  
Municipality: Dimock Twp

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SHELLY WEAVER  
MONTROSE PA 18801-

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Sample Medium: Water  
Sample Medium Type: Ground Water

Location: NOT INDICATED  
Reason: Complaint

Sample taken a hose off the homeowner's pressure tank. Landowner  
claims that water has a chemical taste and smell.

Appearance: Sample appears clear

Laboratory Sample ID: O2009000085  
Suite: METH

COMPLETED

Legal Seal: G039194 Intact: YES

(continued)

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Contact Phone Number: (717) 346-7200

Analytical Report FOR  
Oil And Gas Mgmt

Sample ID: 4530 103 01/08/2009 Status: COMPLETED

Test/Codes CAS# - Description	Reported Results	Date
Approver Test Method		Approved
74828 Methane	7.92 UG/L (U)	01/22/2009
DACLEMENS		
74851 Ethene	19.8 UG/L (U)	01/22/2009
DACLEMENS		
74840 Ethane	19.8 UG/L (U)	01/22/2009
DACLEMENS		
74986 Propane	19.8 UG/L (U)	01/22/2009
DACLEMENS		

(continued)

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Contact Phone Number: (717) 346-7200

Analytical Report FOR  
Oil And Gas Mgmt

Sample ID: 4530 103 01/08/2009 Status: COMPLETED

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to the sample(s) identified in the report.

Taru Upadhyay, Technical Director, Bureau of Laboratories

\*\*\*\*\*

End of Report

(continued)

ORGANICS LABORATORY QUALIFIERS

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SERVER

GAS MIGRATION INVESTIGATION  
WEAVER WATER

Weaver	5-Jan	8-Jan	MCL
pH	7.2	7.1	6.5-8.5
TSS			
TDS	218		500
SPC	314	308	
Alkalinity	92.2	91.8	
Hardness	129	128	
Na	8.358	9.194	
Ca	39	38.3	
Chloride			250
Fe	0.058	0.038	0.3
Mg	7.652	7.783	
K	1.128	1.242	
Ba	0.234	0.241	2
Al	<0.2	<0.2	0.2
Mn	0.038	<0.01	0.05
Sr	0.149	0.165	
Methane/Etha	No Detect	No Detect	3 (Notification)

Weaver	5-Jan	8-Jan	MCL
pH	7.2	7.1	6.5-8.5
TSS			
TDS	218		500
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Methane/Etha	No Detect	No Detect	3 (Notification)