

Date of Issue: 01/28/2009 12:57:04
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 099 01/05/2009 Status: COMPLETED

Name of Sample Collector: Michael O'Donnell
Date Sample was Collected: 01/05/2009 10:30:00 AM

County: Susquehanna State: PA
Municipality: Dimock Twp

NORMA FIORENTINO
RR 6 BOX 6212
MONTROSE PA 18801-

Sample Medium: Water
Sample Medium Type: Ground Water

Location: NOT INDICATED
Reason: Complaint

Sample taken from pressure tank in well pit.

Appearance: Sample appears clear

Laboratory Sample ID: O2009000006 Suite: METH COMPLETED

Legal Seal: G039180 Intact: YES

(continued)

Date of Issue: 01/28/2009 12:57:04
DEP Bureau Of Laboratories - Harrisburg
P.O. Box 1467
2575 Interstate Drive
Harrisburg , PA 17105-1467

PAGE 2

Contact Phone Number: (717) 346-7200

Analytical Report FOR
Oil And Gas Mgmt

Sample ID: 4530 099 01/05/2009 Status: COMPLETED

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

Test/Codes CAS# - Description Approver Test Method	Reported Results	Date Approved
74828 Methane DACLEMENS	4010 UG/L	01/22/2009
74851 Ethene DACLEMENS	19.8 UG/L (U)	01/22/2009
74840 Ethane DACLEMENS	86.1 UG/L	01/22/2009
74986 Propane DACLEMENS	19.8 UG/L (U)	01/22/2009

(continued)

Date of Issue: 01/28/2009 12:57:04
DEP Bureau Of Laboratories - Harrisburg
P.O. Box 1467
2575 Interstate Drive
Harrisburg , PA 17105-1467

Contact Phone Number: (717) 346-7200

Analytical Report FOR
Oil And Gas Mgmt

Sample ID: 4530 099 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

End of Report

(continued)

ORGANICS LABORATORY QUALIFIERS

- 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.

Date of Issue: 02/12/2009 13:07:30
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 134 02/03/2009 Status: COMPLETED

Name of Sample Collector: Michael O'Donnell
Date Sample was Collected: 02/03/2009 01:50:00 PM

County: Susquehanna State: PA
Municipality: Dimock Twp

NORMA FIORENTINO
RR 6 BOX 6212
MONTROSE PA 18801-

Sample Medium: Water
Sample Medium Type: Ground Water

Location: NOT INDICATED
Reason: Complaint

Sample taken from spigot at the pressure tank. Tank is loacted in an enclosed pit with the well bore. Water was run for several minutes before sample was taken.

Appearance: Sample appears clear

Laboratory Sample ID: O2009000593
Suite: METH

COMPLETED

(continued)

Date of Issue: 02/12/2009 13:07:30
DEP Bureau Of Laboratories - Harrisburg
P.O. Box 1467
2575 Interstate Drive
Harrisburg , PA 17105-1467

PAGE 2

Contact Phone Number: (717) 346-7200

Analytical Report FOR
Oil And Gas Mgmt

Sample ID: 4530 134 02/03/2009 Status: COMPLETED

Legal Seal: G039257 Intact: YES

Test/Codes CAS# - Description Approver Test Method	Reported Results	Date Approved
74828 Methane MMINNICK	12300 UG/L	02/06/2009
74851 Ethene MMINNICK	19.8 UG/L (U)	02/06/2009
74840 Ethane MMINNICK	502 UG/L	02/06/2009
74986 Propane MMINNICK	19.8 UG/L (U)	02/06/2009

(continued)

Date of Issue: 02/12/2009 13:07:30
DEP Bureau Of Laboratories - Harrisburg
P.O. Box 1467
2575 Interstate Drive
Harrisburg , PA 17105-1467

Contact Phone Number: (717) 346-7200

Analytical Report FOR
Oil And Gas Mgmt

Sample ID: 4530 134 02/03/2009 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

End of Report

(continued)

ORGANICS LABORATORY QUALIFIERS

- 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.

SERVER

GAS MIGRATION INVESTIGATION
FIORENTINO WATER

Fiorentino	1/5/2009	MCL
	BOGM	
pH	7.7	6.5-8.5
TSS		
TDS	178	500
SPC	275	
Alkalinity	106.6	
Hardness	115	
Na	9.86	
Ca	32.8	
Chloride		250
Fe	2.365	0.3
Mg	7.919	
K	1.288	
Ba	0.244	2
Al	1.339	0.2
Mn	0.324	0.05
Sr	0.233	
Methane	4	3 (Notification)