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RADON GAS MEASUREMENT REPORT

Client: **Ted Cason**
 Location: **1003 NW Dogwood Dr
 Grain Valley, MO 64029**

Inspector: **Jim Terrell** Report Number: **09092910-1J**

This is the report of a radon gas screening measurement. The measurement was performed using a continuous radon monitor (CRM), and was performed in conformance with test protocols established by the US Environmental Protection Agency in the document entitled "Protocols for Radon and Radon Decay Product Measurements in Homes." The report in the adjacent column is a photocopy of the actual report that was obtained from the CRM upon completion of the measurement period.

Explanation of Report Data:

Tabular Data: This portion of the report provides a numerical listing of the radon gas measurements that were made throughout the measurement period. Each value is the average for a one hour period and reads from left to right with a maximum of 90 1-hour measurement intervals.

Average: This portion of the report gives the average radon gas concentration measured during the entire measurement period. This average is computed in two ways. The "Overall Average" is the simple average of all of the values listed in Tabular Data. The "EPA Average" is the simple average of all of the values listed in Tabular Data, except those values recorded during the first four hours of the measurement period. The "EPA Average" is computed in a manner consistent with the protocols cited above.

Other Information: In the printout, the letter "p" or "T" may appear next to a given value. The "p" indicates that, during this measurement interval, the power was disconnected from the CRM. The "T" indicates that, during this measurement interval, the CRM was disturbed or moved.

π The radon gas measurement was completed and there is no evidence that the CRM was tampered with in any way. Therefore, the average values contained in this report reflect the radon gas concentration at the time of the test and should not be construed as either predictive or supportive of a similar measurement conducted at another time in the same structure.

Professional
Radon Monitor

Start Date : 9/9/2010
 Start Time : 2:40:00 PM
 End Date : 9/11/2010
 End Time : 2:30:00 PM
 Serial # : 35531096
 Location : Finished
 Basement

Signature:

Data in pCi/l
Time Interval 1 Hr

0.6	0.6	0.6
0.3	3.0	0.6
1.0	1.6	2.3
0.0	2.3	1.3

0.6	2.6	2.3
3.0	1.3	1.0
1.0	1.0	1.0
1.6	2.3	1.0

0.6	0.6	1.6
0.6	1.0	1.0
0.0	1.0	1.6
0.6	2.3	1.0

1.0	1.3	1.3
0.6	0.6	1.6
1.0	1.6	1.0
0.6	0.6	0.6

1.6	3.3
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Overall Avg.= 1.2
 EPA Protocol Avg.= 1.3

About Radon

If your radon level is 4.0 pCi/L or greater, you can call your state radon office to obtain more information, including a list of EPA or State-approved radon contractors who can fix or can help you develop a plan for fixing a radon problem. Reduction methods can be as simple as sealing cracks in floors and walls or as complex as installing systems that use pipes and fans to draw radon out of the building.

EPA maintains a comprehensive web site on radon at: <http://www.epa.gov/iaq/radon/> where you can also find html-ready versions of all of EPA's documents, brochures and publications relating to radon.

Below are descriptions of three of the more common EPA publications on radon, copied from site <http://www.epa.gov/iaq/radon/pubs/index.html> .

A Citizen's Guide To Radon (second edition) *The Guide To Protecting Yourself And Your Family From Radon.*

This booklet was developed by the EPA, the U.S. Department of Health, Human Services and the U.S. Public Health Service. This is the complete guide to taking action to lower the radon level in your home. It offers strategies for testing and discussions of what steps to take after you have tested, discussions of the risk of radon and radon myths.

EPA Document Number 402-K-92-001. Septemeber 1994.

(www.epa.gov/iaq/radon/pubs/citguide.html)

Consumer's Guide To Radon Protection *How To Reduce Radon Levels In Your Home...*

This booklet is for people who have tested their home for radon and confirmed that they have elevated radon levels. EPA Document Number 402-K-*93-003.

(www.epa.gov/iaq/radon/pubs/consguid.html)

Home Buyer's And Seller's Guide To Radon

This guide has been developed for anyone buying or selling a home who wants to learn about radon. For sale by the U.S. Government Printing Office, Superintendent of Documents, Mail Stop: SSOP, Washington, DC 20402-9328. Order Number – ISBN: 0-16-041680-9. EPA Document Number: 402-R-93-003, March 1993.

(www.epa.gov/radon/pubs/hmbyguid.html)