Four Years of Studies in Texas Leads to Conclusion That Groundwater Contamination is Not From Drilling

From UT News:

After four years of studies, scientists have found no link between methane present in water wells outside of Fort Worth and nearby gas production activities in the Barnett Shale. The methane appears to have migrated naturally to the wells from the shallower Strawn formations and not from the Barnett Shale, where natural gas production and hydraulic fracturing are occurring. By conducting the studies, researchers believe they have developed important methods that could be applied in similar situations to determine where methane originates in an environment.

The latest study, published in August in Water Resources Research, is the fifth and final in a series conducted by researchers at The University of Texas at Austin and the University of Michigan that looks at groundwater wells in the Barnett Shale area. The vast majority of the wells have little or no methane in the water; but a cluster of 11 wells near the Parker County and Hood County line had methane levels above 10 milligrams per liter of water, a level that can require venting of well water systems to ensure the flammable gas does not accumulate to hazardous levels.

"Protecting groundwater quality is a fundamental requirement for sustainable energy development, and it is important to develop tools that can be used to monitor ongoing gas exploration and production activities," said lead author Totti Larson, a research associate at the Bureau of Economic Geology, a research unit of the UT Jackson School of Geosciences.

Read the rest by clicking here.

Posted by Rob Magee at 4:47 PM

No comments:

Post a Comment
**CONNECTION WITH USA ON FACEBOOK AND TWITTER!**

Follow @EnergyNewsBlog

**RELATED LINKS**

- Latest Shale Activity from Ohio DNR
- Oil and Gas Glossary - Learn the terminology of the oil industry
- Oil and Gas Jobs
- Shale FAQs
- Marcellus Drilling News
- Southwest Coshocton Landowners Association
- Utica Shale Maps

**TOTAL PAGE VIEWS**

| 1 | 1 | 7 | 1 | 0 | 5 | 3 |

**BLOG ARCHIVE**

- **2019 (65)**
  - March (30)
    - U.S. Rep. Bill Johnson Expresses Optimism About Bio...
    - ODGA PR Director Touts Benefits of Natural Gas Dev...
    - Amid Opposition, Bobcat Energy Prepares to Place I...
    - Marathon Considers Building Storage Caverns in Har...
    - Bernie Sanders Pledges to Ban Fracking if Elected...
    - Meeting Set for April 15 on Re-Classification of C...
    - Four Years of Studies in Texas Leads to Conclusion...
    - Chinook Energy's Latest Shale Activity Map for March...
    - Encino Plans a Measured Approach to Maximizing Util...
    - Rig Count Dips into the 4th Quarter 2018 Utica Shale...
    - ODNR Publishes 4th Quarter 2018 Utica Shale Product...
    - Good News: The Daily Digger is Sticking Around
    - Utica Rig Count Dips During Busy Week of Permits...
    - Last Days of The Daily Digger Are Counting Down
    - ODNR Publishes Marcellus Activity Map for March 20...
    - Rig Count, Wells Drilled, Wells Producing All Hold...
    - As Wait for Final Decision Continues, Preparation ...