

**Southeastern Ohio Oil and Gas Association
Gas Committee Report
February, 2013**

PRICING

Prices February 12, 2013

One Year NYMEX strip (Mar. 2012 – Feb., 2013)	\$3.56
Summer NYMEX strip for 2013 (April-October)	\$3.38
Winter NYMEX strip (Nov. 2013 – March, 2014)	\$3.83
TCO Index Posting - February, 2013	\$3.23
DTI Index Posting – February, 2013	\$3.13

It appears that high storage levels combined with enhanced production capabilities and slow usage growth could keep gas prices from rising dramatically over the next couple of years.

Energy Information Administration (EIA) UPDATE-November:

EIA released its November, 2012 Short Term Energy Outlook report, and it showed that they expect the price of WTI crude to average \$89 in the fourth quarter of 2012, and \$88 per barrel in 2013. Natural Gas at the Henry Hub is expected to average \$2.77 MMBTU in 2012. EIA expects Henry Hub spot prices will average \$3.49 per MMBTU in 2013.

U.S. Natural Gas Consumption: EIA expects that natural gas consumption will average 69.7 Bcf per day in 2012, and increase of 3.2 Bcf/d (4.8%) from 2011. Large gains in the electric power use will offset declines in residential and commercial use. Projected consumption of natural gas in the electric power sector averages 25.4 Bcf/d in 2012, 22% higher than in 2011, primarily driven by the improved relative cost advantages of natural gas over coal for power generation in some regions.

Liquefied natural gas (LNG) imports are expected to fall by 0.5 Bcf/d (51 percent) in 2012 from the year before. Eia expect that an average of about 0.5 Bcf/d and 0.6 Bcf/d will arrive into the United States (mainly at the Elba Island terminal in Georgia) in 2012 and 2013 respectively, either to fulfill long-term contract obligations or the take advantage of temporarily high local prices due to cold snaps and disruptions.

Looking forward toward winter their continues to be a downward pressure and a bearish view on price, as weather demand coupled with storage levels may indicate some sideways trading between a low of \$3.47 and \$3.65 for January.

GAS STORAGE AS OF THE February 8, 2013 Report

Working Gas in storage was 2,527 Bcf as of Friday, February 8, 2013. At 2,527, total working gas is **above** the 5 year historical range.

Region	Stocks billion cubic feet (Bcf)			Year ago (02/08/12)		5-Year average (2008-2012)	
	02/08/13	02/01/13	change	(Bcf)	% change	(Bcf)	% change
East	1,187	1,303	-116	1,353	-12.3	1,093	8.6
West	380	388	-8	383	-0.8	311	22.2
Producing	960	993	-33	1,062	-9.6	775	23.9
Salt	234	240	-6	243	-3.7	115	103.5
Nonsalt	726	753	-27	819	-11.4	660	10.0
Total	2,527	2,684	-157	2,797	-9.7	2,179	16.0

Storage is 64.0% full compared to normal as of this report, with normal total capacity of 3,939 at the start of the withdrawal season.

GATHERCO

Retainage for December, 2012, is as follows for the Gatherco systems. Treat was 5.0%, Miley was 9.09%, Meigs was 9.76%, York was 5.0%, Grimes was 9.82%, and Elk was 3.0%. January, 2013 retainage was not available as of the date of this report.

DOMINION EAST OHIO GAS

WOODSFIELD/CARLISLE PROCESSING PROPOSAL:

- DTI will offer liquids uplift at Carlisle with a negotiated service charge and retained liquids fee structure.
- Liquids uplift in the \$1.50-\$1.80/DT range is projected.
- Producer's gas must have a direct path to Plant.
- HCA fee would be eliminated.
- DEO will discuss modification of WOA fee with Producers.
- DEO will negotiate new Gathering Service Agreement with Producers to replace HCA fee.
- DEO/DTI will be contacting impacted Producers to schedule meetings.

Below is the website for Dominion East Ohio, where you can find notices about interruptions, shut-ins, contacts, maps, and information about current enhancements projects being worked on and considered by the enhancement committee.

<http://www.dom.com/about/gp-services/index.jsp>

CNR/COLUMBIA GAS TRANSMISSION

There are some shut-ins on Columbia in Ohio, due to the extra Marcellus gas causing some constraints on their systems, and they are allowing only Firm Transport to flow. The Smithfield to Adeline MA 35 constraint has some Ohio, PA, and WV producers shut in as of the date of this report.

There are also several shut-ins on Columbia in Eastern Kentucky and Southern WV as TCO replaces a large amount of pipe on line KA. This project will last for one year.

For shut in notices on Columbia Gas Transmission, please use the link below.

http://www.ngtsnavigates.com/infopost/index.php?option=com_content&task=view&id=28&Itemid=105

DOMINION TRANSMISSION

Dominion has been experiencing some line pressure issues on parts of their system, as well as maintenance. This has resulted in some intermittent shut-ins for producers.

Appalachian Gateway Project:

On June 13, 2012 DTI responded to requests from IOGA WV and Appalachian Gateway Customers by offering the equivalent of a fixed ten year negotiated rate of \$0.4950. this deferred payment plan would allow customers to reduce its cash outlay by about 15% during the initial 5 year period of the agreement. Any deferred payments would then be paid back over the next 5 years, and the repayment would be accomplished by locking in the Appalachian Gateway rate for the last five years of the term of the agreement. The deferred payments under this plan would incur interest at the rate of 3.25%. Under the deferred payment plan, the rate for the first 5 years will remain \$0.5800 per dth. The cash obligation would be \$.4950 for this same period. For years six through ten, DTI's negotiated rate is \$.3950 plus \$.1000 dth for the previously deferred payments. In addition to this alternative rate plan, IOGA WV asked DTI to look at its POD plan and assist producer in alternative delivery points to help them take advantage of the Gateway firm transportation. This new rate plan is an option. The producer has the choice of this plan, or continue under the original Gateway rate.

[Http://www.dom.com/about/gas-transmission/index.jsp](http://www.dom.com/about/gas-transmission/index.jsp)

MARCELLUS AND UTICA NEWS:

New Pipeline being planned in PA:

- UGI is proposing to build a new 200 mile 30” pipeline with a capacity estimated to be 800,000/day at a cost of one billion dollars that would connect current production facilities in NE Pennsylvania to markets south towards Philadelphia, Baltimore, and Washington.

Enterprise Products Partners has enough support for new pipeline:

- Enterprise Products Partners has announced that it has enough support from shippers to build and energy pipeline between Pennsylvania and Texas. The 1,230 mile pipeline will link oil and natural gas fields in the Marcellus and Utica shale regions with ethylene plants on the Gulf Coast. The pipeline will handle up to 190,000 bbls per day, and shipper will pay between \$.145 and \$.155 cents per gallon to use the pipeline. Enterprise said shippers have committed to at least 15 years, indicating the long-term potential for energy development in shale formations in the Appalachian Basin. When completed, the pipeline should go into operation in the first quarter of 2014.

Marcellus Update:

- **Marathon Oil Corp. looks to exit the Marcellus Shale.** Per RigZone, Marathon is putting its natural gas-rich acreage in the Marcellus Shale formation up for sale as it trims non-core assets. Marathon is putting about 80,000 acres in West Virginia and Pennsylvania up for sale because the company doesn't consider them central to their growth plans. A person familiar with the move said it is a part of Marathon's re-evaluation of its portfolio in the wake of last year's spin-off of its refining division.

UTICA NEWS:

Utica Shale holds massive resources, estimate shows. [Columbus Business Journal](#).

The U.S. Geological Survey released its first estimate, showing the shale formation holds about 38 trillion cubic feet of undiscovered, recoverable natural gas, 940 million barrels of oil and 9 million barrels of natural gas liquids such as ethane and propane.

Ohio is ranked 14th in this year's [Global Petroleum Survey](#) of 147 states and countries by the Fraser Institute, a free-market think tank in Calgary, Canada. That's down from second in 2011, with the fall apparently driven by concerns about complying with tougher federal and state environmental [regulations](#) and a tax increase on oil and gas [production](#) proposed by Gov. [John Kasich](#).

Gulfport Energy Corp./Markwest:

On Monday, June 5, Oklahoma-based Gulfport Energy Corp. announced completion of an agreement with MarkWest Utica EMG LLC to build and operate gas-gathering pipelines and processing facilities tied to Gulfport's Utica-shale acreage in eastern Ohio.

MarkWest plans to process the natural gas at a complex in Harrison County and will provide fractionation or processing services for natural-gas liquids in Harrison County.

Initially, MarkWest will bring on line in interim refrigeration gas-processing plant in the third quarter of 2012.

That facility will be followed by a 125 million cubic-feet-per-day permanent cryogenic gas-processing plant that is expected to begin operations by the first quarter of 2013, Gulfport reported.

An additional capacity of 200 million cubic feet per day of cryogenic capacity will be available by early 2014.

MarkWest is expected to have about 60 miles of related pipelines to move Gulfport volumes by the end of 2012.

Gulfport reports production from Shugert 1-12H Well:

Gulfport Energy has announced results from its Shugert 1-12H well as the top producing well in the Utica Shale. The well had an initial peak production rate of 28.5 MMCF per day of natural gas which was sustained for 18 hours. The well also produced 300 barrels of condensate per day, and the gas tested at 1,204 BTU's. The gas will be sent to a Markwest processing plant where an additional 2,907 barrels of natural gas liquids (NGL's) will be extracted per day assuming full ethane recovery and a natural gas shrink of 10%. With all this taken into consideration the Shugert 1-12H had an initial production of 7,482 barrels of oil equivalent (BOE) per day.

Gulfport Energy presented production from its Boy Scout 1-33H well in Harrison County Ohio. The company said the well produced a peak rate of 3,456 barrels of oil equivalents per day, which was composed of 1,560 barrels of condensate, 7.1 Million cubic feet of natural gas and 1,008 barrels of natural gas liquids per day. Gulfport said it expects to put the well in production this month.

Gulfport released production rates from the BK Stephens 1-16H in Harrison County with its 3rd quarter earnings call. The 1-16H well tested at a peak rate of 1,224 barrels per day of condensate and 6.9 MCF of gas per day, and the gas produced at 1,207 BTU. This is Gulfport's sixth well to come on line this year.

Rex Energy announces results of First Ohio Utica Shale Well:

The Brace#1H well in Carroll county, Ohio, was brought online at a 24 hour sales rate, assuming full ethane recovery, of 1,094 Boe/d (43% NGLs, 31% gas, 26% condensate). The well went to a 5 day sales rate, assuming full ethane recovery, of 1,008 Boe/d (43% NGLs, 30% gas, 27% condensate). The well was drilled to a total depth of 12,332 feet with a lateral length of approximately 4,170 feet and completed in 17 stages. The oil is reported to be 60.1 degree API gravity and the gas is approximately 1,250 BTU.

Magnum Hunter Resources Corporation:

Magnum Hunter Resources Corp. announced January 2, 2013 a new Joint Operating Agreement with Eclipse Resources I, LP. The deal covers existing mineral leaseholds owned by both entities in the Marcellus and Utica Shale in Monroe County, OH. The agreement covers 1,950 acres with the drilling of 12 horizontal wells in the Marcellus Shale and 12 horizontal wells in the Utica Shale over the next three years. Triad Hunter, LLC will operate the contract area and each company will own 47% working interest in the agreement.

On November 2, 2012, Magnum Hunter closed on the previously announced agreement to acquire all of the stock of privately held Viking International Resources company, Inc. (VIRCO) for \$106.7 million. VIRCO's mineral interest acquired was 52,600 gross acres, with approximately 27,000 acres in the Marcellus Shale, and 28,000 acres in the Utica Shale. The acquisition gives the company's midstream division, Eureka Hunter, some additional expansion opportunities in West Virginia and Ohio.

Utica Facts and Numbers:

There have been 502 Utica Shale permits issued in 21 counties in Ohio to 22 companies, and 216 of them have been developed. The counties are listed below.

Ashland, Belmont, Carroll, Columbiana, Coshocton, Geauga, Gurnsey, Harrison, Holmes Jefferson, Knox, Mahoning, Medina, Monroe, Muskingum, Noble, Portage, Stark, Trumbull, Tuscarawas, and Wayne.

There are currently 48 Utica Shale wells in production, without a single environmental violation to date.

DTE Energy, Enbridge and Spectra Energy to Develop New Major Pipeline to connect growing shale gas supplies to Premium Markets in the U.S. Midwest and Ontario.

They have announced the execution of Memorandum of Understanding to jointly develop the NEXUS Transmission (NGT) system, a project that will move growing supplies of Ohio Utica shale gas to markets in the R.S. Midwest, including Ohio and Michigan, and Ontario, Canada.

The proposed project will originate in NE Ohio, and includes 250 miles of large diameter pipe capable of transporting one billion cubic feet per day of natural gas. The line will follow existing utility corridors to an inner-connect in Michigan and utilize the existing Vector Pipeline system to reach the Ontario market. After completion, Spectra will become a 20% owner in Vector Pipeline. It will serve local distribution companies, power generators and industrial users in Ohio, Michigan, and Ontario markets. The pipeline will cost \$1.2 to \$1.5 billion dollars with a tentative start date of November, 2015.

The link below is a good one to keep up with the events and concerns surrounding the Marcellus and Utica Play's in the North East.

<http://www.energyindepth.org/>

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