

**Southeastern Ohio Oil and Gas Association  
Gas Committee Report  
August, 2014**

**PRICING**

**Prices August 11, 2014**

One Year NYMEX strip (Sept., 2014 – Aug, 2015)	\$3.98
Summer NYMEX strip for 2014 (Sept.-October)	\$3.95
Winter NYMEX strip (Nov.. 2014 – March, 2015)	\$4.11
TCO Index Posting – August, 2014	\$3.76
DTI Index Posting – August, 2014	\$2.40

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.

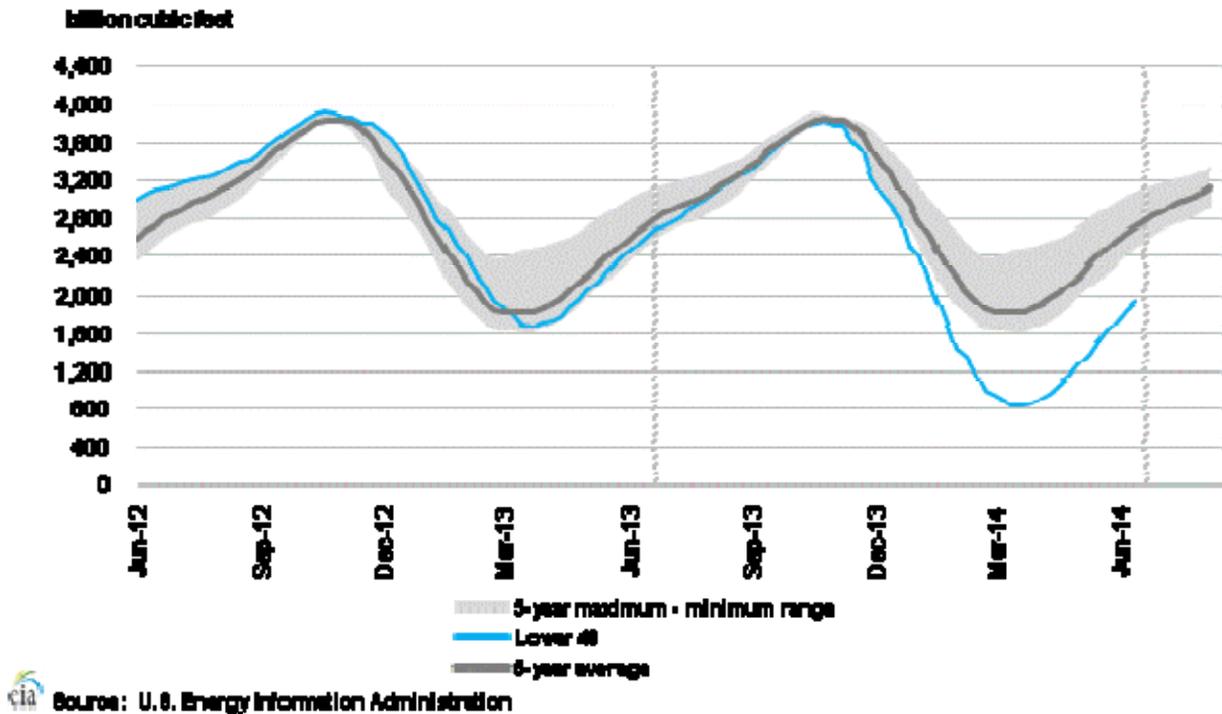
**GAS STORAGE AS OF THE August 7, 2014 Report**

Working Gas in storage was 2,389 Bcf as of Friday, August 1, 2014. At 2,389, total working gas is **below** the 5 year historical range.

Region	Stocks billion cubic feet (Bcf)			Year ago 08/01/13		5-Year average (2009-2013)	
	08/01/14	07/25/14	change	(Bcf)	% change	(Bcf)	% change
East	1,219	1,157	62	1,400	-12.9	1,503	-18.9
West	387	381	6	481	-19.5	460	-15.9
<b>Producing</b>	783	769	14	1,047	-25.2	1,035	-24.3
Salt	212	210	2	265	-20.0	194	9.3
Nonsalt	570	559	11	782	-27.1	841	-32.2
<b>Total</b>	<b>2,389</b>	<b>2,307</b>	<b>82</b>	<b>2,927</b>	<b>-18.4</b>	<b>2,997</b>	<b>-20.3</b>

**Storage is 56.0% full compared to normal as of this report, with normal total capacity of 4,265 at the start of the withdrawal season. Storage is 538 BCF below last year, and 608 BCF below the five year average.**

Working gas in underground storage compared with the 5-year maximum and minimum



**Note:** The shaded area indicates the range between the historical minimum and maximum values for the weekly series from 2009 through 2013.

**Source:** Form EIA-912, "Weekly Underground Natural Gas Storage Report." The dashed vertical lines indicate current and year-ago weekly periods.

### EIA Raises Forecast for natural Gas Prices:

According to the EIA, Natural gas prices will average \$4.74 per MMBtu, up 6.8% from its forecast last month, as supplies are likely to stay tight. This short term outlook predicts that the natural gas industry will need to produce more in November and December to catch up and match consumer demand of 72.3 Bcf per day in 2014, up 0.22 Bcf from last month's forecast. The EIA expects prices to finish at an average of \$4.88 per MMBtu, up 27% from the 2013 average price of \$4.84. Utilities that must inject into storage for the winter are competing for supplies with power plants and industrial consumers that are using more gas than expected now.

### GATHERCO

Retainage for May, 2014 is as follows for the Gatherco systems. Treat was 4.0%, Miley was 4.0%, Meigs was 13.24%, York was 4.0%, Grimes was 15.18%, and Elk was 18.93%.

June, 2014 retainage was not available as of the date of this report.

## **WEST VIRGINIA NEWS:**

West Virginia appears to be close to landing a coveted ethane cracker plant to serve the Utica and Marcellus shale plays -- the sort of billion-dollar project coveted by Ohio economic development officials for some time.

West Virginia Gov. Earl Ray Tomblin and officials from Brazilian company Odebrecht stood shoulder to shoulder at a press conference recently, saying the company is looking at developing a cracker near Parkersburg across the Ohio River from Marietta.

The plant, which would separate ethane from natural gas, would be part of a petrochemical complex that would include three polyethylene plants and facilities for water treatment and energy cogeneration.

## **New Tank Regulations:**

West Virginia has adopted some new tank regulations recently. The results and requirements of this new regulation was set out and explained in the latest SOOGA Newsletter, so please read it to familiarize yourself with these regulations if you have production in WV.

## **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](#).

## **NEW PIPELINES PROPOSED TO SPUR UTICA SHALE DRILLING IN OHIO**

**BLUEGRASS PIPELINE CANCELLED:** Two pipeline companies from the Southwest, Williams Companies Inc. and Boardwalk Pipeline Partners LP, have cancelled the Bluegrass Pipeline due to insufficient level of customer commitments, referring to potential users saying they will need specified pipeline capacities.

## **SPECTRA ENERGY:**

Spectra Energy, along with two other companies, are proposing a new 250 mile 36" pipeline, Nexus Gas Transmission, for transporting gas from shale drilling in eastern Ohio to Detroit and

southern Ontario, subject to FERC approval. The anticipated cost of this new pipeline is \$1.5 billion, and could be in service as early as November, 2016. The proposed pipeline will run from Carroll County, Ohio, to Detroit and southern Ontario.

### **AMERICAN ENERGY/REGENCY ENERGY PARTNERS**

American Energy and Regency Energy Partners are planning a \$500 million pipeline to move American Energy's Utica shale gas to major pipelines like Rockies Express and Texas Eastern that service Texas, Colorado, and states along the nation's southeastern rim. The 52 mile system will deliver more than 2 BCF per day of gas supply. It is expected to be completed in the third quarter of 2015.

### **ENERGY TRANSFER**

A second interstate pipeline is being planned to ship natural gas from the Utica and Marcellus Shale regions across Stark County. The planned Rover Pipeline would carry up to 3.25 BCF of natural gas per day from West Virginia, Pennsylvania, and Ohio. In total, the Rover mainline will include 380 miles of 36 inch and 43 inch diameter pipe and five compressor stations, plus 197 miles of supply laterals ranging in diameter from 24 to 47 inches.

### **DOMINION EAST OHIO:**

Blue Racer Midstream has negotiated a new agreement for liquids uplift for producers on the DEO Guernsey/Cambridge gathering system for conventional production. The new agreement will be an amendment to the original HCA agreement. More details will be available after the agreement is completed.

### **MIDSTREAM/PROCESSING NEWS:**

**Blue Racer Midstream's gas processing plant** that was hit by an explosion on September 21, 2013, is up and running. The second train was up and running in April, 2014.

**Pinto Energy** is looking to build a 2,800 bbl/day gas to liquids plant east of Ashtabula, Ohio. It will produce high quality synthetic liquids as well as lubricants, waxes and solvents from gas being produced by the Utica and Marcellus formations.

**Markwest** has been processing 60 Mmcf/d since August of 2012 from its gas processing facilities in Cadiz. They have now completed their Cadiz 1 facility and commence operations of their 125 Mmcf/d cryogenic processing plant. With the completion of Cadiz 1, MarkWest will now be able to process more of the liquids rich gas coming from customers like Gulfport, Antero, PDC and Rex Energy.

Markwest plans to add a third cryogenic plant to its Cadiz complex in Harrison County to process the high volumes of natural gas from the Utica Shale. The new plant is expected to come online during the first quarter of 2015 and will increase processing capacity at the Cadiz site to 525 million cubic feet per day.

Further South in Noble County, MarkWest is at work building an additional complex: the Seneca Complex. The Seneca I and Seneca II gas processing plants will be capable of processing 200 Mmcfd each, and is on pace to begin operations of the Seneca I early in the fourth quarter of this year. The Seneca II is also scheduled to be installed later this year.

**Utica East Ohio (UEO)**, a joint venture by Access Midstream, M3, and EV Energy Partners, became the first fully integrated gathering, processing, and fractionation complex to be put into operation on July 28<sup>th</sup> in Eastern Ohio. This initial phase of the UEO project is capable of processing 220-million cubic feet per day at their cryogenic processing facility near Kensington, and is processing 45,000 barrels per day of natural gas liquids at their fractionation, storage and rail facility new Scio.

The second phase is under construction and scheduled to be completed in December, 2013 with a third phase to follow. When complete, the UEO project will have 800 million cubic feet per day of cryogenic processing, 135,000 barrels per day of natural gas liquids fractionation, 870,000 barrels per day of natural gas liquids fractionation, 870,000 barrels of gas liquids storage and a rail facility capable of loading 90 cars per day.

**Hickory Bend Project**, the NiSource and Hilcorp natural gas processing project, has announced the construction of a \$60 million pipeline to move natural gas liquids from their cryogenic natural gas processing plant in Springfield Township to attractive market destinations. Pennant Midstream will construct the 12 inch 38 mile pipeline. I will have the capacity to deliver up to 90,000 bbls. of NGS per day to a Utica East Ohio pipeline in Columbiana County, and from there be transported to the fractionator in Harrison County. It is expected to be complete by July, 2014

For more information, click on this link; <http://energyindepth.org/ohio/new-natural-gas-plant-up-and-running-in-eastern-ohio/>

### **Utica Facts and Numbers:**

Estimated Natural Gas Production increased 143 percent from 2012 to 2013, while oil production increased 95 percent. Around 203 BCF of natural gas was produced in Ohio last year, up for 83.4 BCF in 2012. About 9.7 million barrels of Oil was produced in 2013, up from 4.9 million barrels in 2012. These estimates could be revised as official results are released later this year from the ODNR.

For the first quarterly reporting Ohio saw some strong production numbers coming from wells online in Eastern Ohio. In total, the 245 wells produced 1.3 million barrels of oil and 32.3 million mcf of natural gas. The average amount of time in production was 55 days.

The next quarterly report must be filed by mid-May for the First-quarter results, and released in June, 2014.

AS of August 2, 2014, there have been 1,428 Utica Shale permits issued in 23 counties in Ohio to 29 companies, and 997 of them have been developed. The counties are listed below.

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

There are currently 491 Utica Shale wells in production, with 31 rigs running.

### **MARCELLUS SUPPLY UPDATE:**

It has been reported by the EIA that the Marcellus Shale gas has hit 15 BCF per in July, 2014.

#### Use of Data:

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