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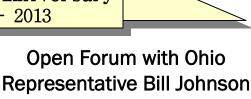
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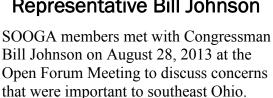
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The topics discussed with Congressman

Bill Johnson were:

- 1.) Fighting EPA regulations on Air Quality Emissions.
- 2.) BLM/Wayne National Forest Leases- New rules and changes from original agreements.
- 3.) Education Pipeline for Energy Industries- Getting young people interested and educated to enter energy professions to bridge the age gap in oil and gas personnel.
- 4.) Hidden agenda on new EPA regulations- where do we go to find out how we need to comply? No website or posting to get information needed.
- 5.) "New" Global Harmonization System New OSHA global requirements for MSDS filings for oil & gas or fracing chemicals with additional higher fees to comply.

Congressman Bill Johnson responded to these concerns by organizing a Task Force meeting with the SOOGA Board of Trustees on November 25, 2013 to tackle the above topics. We will keep you updated on these issues.

# Annual Fall Trade Show Big Success with Record Crowd at the New Venue, Reno Business Park

SOOGA received many good comments concerning the SOOGA trade show held on September 12, 2013 at the Reno Business Park. Participating in the trade show, were 60 inside booths and 21 outside booths. The crowd enjoyed the vendors, speakers and good food. SOOGA would like to thank everyone who helped make this event a success. See page 16 for pictures and more information.

#### THE CROW'S NEST

As we move into winter, storage is 87% full, the gas market has re-acted both positively and negatively as economic reports, storage balances, supply and demand factors weigh in on a daily basis. With the October DTI Index posting at \$3.25 and TCO index posting at \$3.50, we are seeing November trading in the \$3.60 to \$3.70 range at the time of this article, October 24, 2013. This market is still somewhat volatile, waiting on weather reports and positive economic news that may impact pricing.



As you receive and read the local newspapers in your area, you have probably read some of the anti-oil and gas editorials that have been printed in them. I urge you to respond to those articles, setting out the facts vs. the fiction in many of them, and helping get the message out to all of the subscribers of these newspapers that we are not the enemy. If you see an article and are uncomfortable responding to it, call or email the article to the SOOGA office, and we will review the editorial and help you prepare a rebuttal. Sending out positive press about our industry is paramount now, as those who oppose our industry are getting front page news and all of the attention on a daily basis throughout the basin and country. We need to respond and correct this misinformation to provide the public with the facts and the true story.

Our membership is growing as the Utica Shale brings more producer and support companies to Ohio and our Southeastern Ohio area. We are currently at 463 members and growing. The board and the Association appreciates the participation of all of our members in our activities, and look forward to your participation in our Open Forum meetings, membership meetings, clay shoots, trade show, and golf outings throughout 2014. As the Utica Shale development moves south into Washington County with the drilling of wells by PDC and Magnum Hunter, we hope see some positive results when they become available. This increase of activity in the Southeastern Ohio should provide some much needed additional energy jobs in our area, as well as employment for those that provide support for our industry.

As the association prepares for 2014, SOOGA is planning some new events and training, in addition to looking at some avenues to get our message out to the public for what the association and its members stand for, and what our positive contributions are to the industry and the communities we work in. Look for articles, emails, and meetings about these new activities as 2014 draws near, and your board encourages your participation in these events and efforts as we roll them out. SOOGA is looking for an uptick in membership as the Utica play moves south, and want to be prepared to educate, train, and provide information to our members and the public for what is coming.

Remember that there has been talk that protestors planning some events in the Utica Shale areas this fall, so please be on the lookout for anything different in your producing areas that may indicate their activity. Call the SOOGA office if you need assistance with any of these protestor events.

Continue to operate safely and protect our environment as you produce the oil and gas that our nation needs.

President, Jim Javins





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#### **2013 NEW MEMBERS**

SOOGA would like to welcome the following new members:

#### **RUSSELL COOK**

Allied Industry Aqua-Clear, Inc. 110 W. North Street Bridgeport, WV 26330 304-546-2940

#### **KEVIN RIZO**

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32158 Riverdale
Harrison Twp. MI 48045
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#### **ALEX PFAFF**

Contractor United Sealing, Inc. P.O. Box 396 Marietta, OH 45750 740-374-4253

#### **RAQUEL VIGIL**

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Colorado Lining Intl, Inc.
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Parker, CO 80138
303-902-0806

#### **HERMAN MCGUIRE**

Allied Industry Hart Industries 931 Jeanette Ave Middletown, OH 45042 513-508-6406

#### **MARK BUTTA**

Associate-Allied Industry Ohio Oil Gathering, LLC, a Crosstex Company P.O. Box 430 Frazeysburg, OH 73822 740-828-2892

#### **JASON MILLIGAN**

Allied Industry
Hy-Tek JCB
2222 Rickenbacker Parkway West
Columbus, OH 43217
614-409-8540

#### **DOUGLAS GRAY**

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#### **JOE WADE**

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Wooster, OH 44691
570-560-5603

#### **FRED SIEGRIST**

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AFSWV (Alternative Fuel Solutions of WV
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#### **CHIP DITCHENDORF**

Allied Industry West Side Safe & Gun 205 Pearl Street Marietta, OH 45750 740-373-3845

#### **DARLENE LUKSHIN**

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Marietta, OH 45750
740-376-7431

#### **HENRY (WINNIE) SINNETT**

Associate-Producer
Buckeye Oil Producing Company
758 Yellow Cr. Rd.
Big Bend, WV 26136
304-354-7962

#### **RICHARD HARDMAN**

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Hardman Trucking Co. Inc.
933 Wheeler Fork Rd.
Horner, WV 26372
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#### **ED FOSTER**

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#### **BILLY BURKHART**

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Lowell, OH 45744
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#### **BRAD MASON**

Associate-Contractor
Burkhart Trucking and Excavating
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#### **RUSTY HARBERT**

Allied Industry
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#### **RICHARD ZELVAR**

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#### RANDALL PECK

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#### **DAVID PERSINGER**

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#### **PETE MONGEAU**

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#### **BARBARA LOCKHART**

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(Continued on page 25)

### Southeastern Ohio Oil and Gas Association Gas Committee Report October, 2013

#### **PRICING**

#### Prices October 7, 2013

One Year NYMEX strip (November, 2013 – October, 2014)	\$3.83
Summer NYMEX strip for 2014 (April-October)	\$3.87
Winter NYMEX strip (Nov. 2013 – March, 2014)	\$3.79
TCO Index Posting - October, 2013	\$3.50
DTI Index Posting – October, 2013	\$3.25

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 October 3, 2013 Report

Working Gas in storage was 3,487 Bcf as of Friday, September 27, 2013. At 3,487, total working gas is **within** the 5 year historical range.

Stocks billion cubic feet (Bcf)			<b>Year ago</b> (09/27/12)		<b>5-Year average</b> (2008-2012)	
09/27/13	09/20/13	change	(Bcf)	% change	(Bcf)	% change
1,800	1,742	58	1,957	-8.0	1,906	-5.6
529	519	10	509	3.9	477	10.9
1,158	1,125	33	1,176	-1.5	1,056	9.7
278	267	11	243	14.4	169	64.5
879	859	20	933	-5.8	887	-0.9
3,487	3,386	101	3,642	-4.3	3,438	1.4
	09/27/13  1,800  529  1,158  278  879	oillion cubic feet (Bcf)       09/27/13     09/20/13       1,800     1,742       529     519       1,158     1,125       278     267       879     859	Dillion cubic feet (Bcf)       09/27/13     09/20/13     change       1,800     1,742     58       529     519     10       1,158     1,125     33       278     267     11       879     859     20	billion cubic feet (Bcf)       (09/27/13)         09/27/13       09/20/13       change       (Bcf)         1,800       1,742       58       1,957         529       519       10       509         1,158       1,125       33       1,176         278       267       11       243         879       859       20       933	obillion cubic feet (Bcf)         (09/27/12)           09/27/13         09/20/13         change         (Bcf)         % change           1,800         1,742         58         1,957         -8.0           529         519         10         509         3.9           1,158         1,125         33         1,176         -1.5           278         267         11         243         14.4           879         859         20         933         -5.8	obillion cubic feet (Bcf)         (09/27/12)         (2008-2008-2008-2008-2008-2008-2008-2008

Storage is 81.1% full compared to normal as of this report, with normal total capacity of 3,939 at the start of the with-drawal season

#### **GATHERCO**

Retainage for July, 2013, is as follows for the Gatherco systems. Treat was 5.0%, Miley was 5.0%, Meigs was 8.49%, York was 5.0%, Grimes was 8.4%, and Elk was 4.0%.

August, 2013 retainage was not available as of the date of this report.

(continued to page 10)



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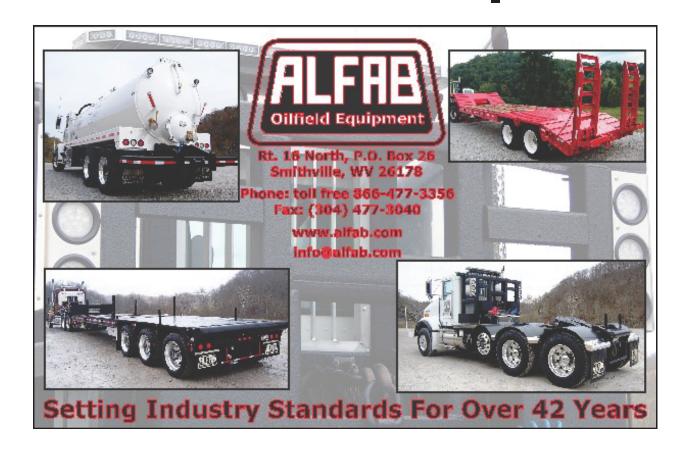
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## **2013 SOOGA Events**

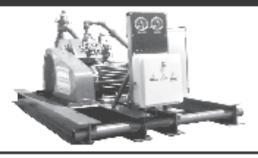
SOOGA Fall Gun Raffle November 1st - November 30th THE INSIDER Page 6



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## **Brine Site In Ohio Opens**

### GreenHunter still waiting for permission for Warwood barges

By: Casey Junkins, Shale Play September 22, 2013

NEWPORT, Ohio - As GreenHunter Water officials await the Coast Guard's approval to barge hydraulic fracking waste on the Ohio River from its facility in Warwood, the company has opened a brine injection plant in Washington County, Ohio.

GreenHunter opened the new facility near the Ohio River in Newport, Ohio, last week. Company officials believe the site has at least a 1,200 barrels per day injection capacity.

"We have been working on this project for over a year. Our oilfield customers have increased their demand for disposal capacity recently, and we have been working hard Guard District said Monday. to bring on additional water handling capabilities to alleviate the increased supply constraints being experienced in this region," John Jack, vice president of Business Development for GreenHunter, said.

Jack said having the injection site located in the heart of the Marcellus and Utica shale regions is key because many drillers need a place to dump their brine waste when they can no longer recycle or reuse it. The waste is injected into trial use. However, Jack disagrees that a zone change is the earth.

GreenHunter also continues to wait to begin construction at the Wheeling facility, according to Jack. However, he said this should begin soon.

The work in Wheeling could come amid heavy opposition from the "Wheeling Water Warriors."

"We are still hoping GreenHunter will not move forward," said group member Erin Bowers. "We are still researching all options in this matter."

GreenHunter also still awaits permission to place the waste on barges to transport it down river for disposal.

"Right now, we are still working diligently with the Coast Guard to obtain all the proper approvals," Jack said.

The Coast Guard also said it is working through the proc-

"The Hazardous Materials Division at Coast Guard headquarters is currently developing policy guidance to address this issue," Cmdr. Emily Saddler of the Eighth Coast

Tom Connelly, assistant director of the Wheeling Economic and Community Development Department, believes GreenHunter also will need a zone change to use the docks extending out into the Ohio River from the former Seidler's Oil site.

Connelly said the Wheeling Heritage Trail and these docks are now zoned for residential use, rather than indusneeded.

"We have a utility easement for the pipeline to service the facility and barges," Jack said, noting he believes the trail "will not be impacted at all."

Jack said there will be 19 storage tanks at the North 28th Street site, but emphasized the old rusty tanks left over from Seidler's will be dismantled and removed.



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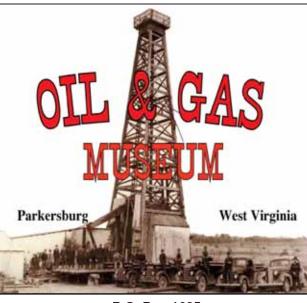
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(continued from page 5)

#### **UTICA NEWS:**

Utica Shale holds massive resources, estimate shows. <u>Columbus Business Journal</u>. 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 <u>Global Petroleum Survey</u> 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 <u>regulations</u> and a tax increase on oil and gas <u>production</u> proposed by Gov. <u>John Kasich</u>.

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

Two pipeline companies from the Southwest, Williams Companies Inc. and Boardwalk Pipeline Partners LP, have formed a joint venture to build a transportation system to move natural gas liquids from shale plays in Ohio, West Virginia, and Pennsylvania to processing and storage facilities in Louisiana.

The Blueline Pipeline would allow oil and natural gas producers to move 200,000 barrels/day of natural gas liquids, such as ethane, to processing facilities on the Gulf Coast. The pipeline will be built from the Ohio and West Virginia Utica and Marcellus plays to a transmission system in Hardinsburg, KY. From there, the natural gas liquids would be transported via a converted portion of a pipeline to Eunice, LA.

The companies expect to approve the project later this year and put the pipeline into service in the second half of 2015. Cost of the project is still to be determined.

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.

#### MIDSTREAM/PROCESSING NEWS:

Blue Racer Midstream's gas processing plant was hit by an explosion on September 21, 2012, and there is no news yet when it might reopen. The cause of the explosion has not been determined, and the investigation is continuing. A damage estimate has not yet been compiled for this incident.

**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 it gas processing facilities in Cadiz. They have now completed their Cadiz 1 facility and commenced 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.

Further South in Noble County, MarkWest is at work building an additional complex: the Seneca Complex. The Seneca l and Seneca ll gas processing plants will be capable of processing 200 Mmcf/d each, and is on pace to begin operations of the Seneca l early in the fourth quarter of this year. The Seneca ll 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.

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# DRIVE DEFENSIVELY

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- —Defensive driving means driving so as to prevent accidents in spite of the actions of others or the presence of adverse driving conditions. Simply stated, defensive driving means no surprises.
- —Now let's talk about the commitment required to become a defensive driver. To illustrate this commitment let's look at the detailed requirements of the National Safety Council's defensive driving program.
- —The object of defensive driving is to drive without having a preventable accident.
- —Defensive driving requires the knowledge and strict observance of all traffic rules and regulations applicable to the area in which the vehicle is being operated.
- —Defensive driving requires an attitude of confidence that you can drive without ever having a preventable accident.



- —Defensive driving requires a constant alertness for the illegal acts and driving errors of other drivers, and a willingness to make timely adjustments in your own driving so that these illegal acts and errors will not involve you in an accident.
- —Defensive driving requires a knowledge of all the adjustments required in your driving for the special hazards presented by abnormal, unusual or changing conditions—in the mechanical functioning of your vehicle, type of road surface, weather, degree of light, kind of traffic, and your physical condition and state of mind.
- —Defensive driving requires a thorough knowledge of the rules of right-of-way and the willingness to yield the right-ofway to the other driver whenever necessary to avoid an accident.
- —There is no doubt that a professional code for defensive drivers is not easy to follow. As professionals, however, you must show the way for other drivers and do your best to drive defensively.

Do we realize the commitment that we have to make to become a defensive driver?

- —Let's take a brief look at how we can accomplish all that is expected by the code. Basically, you must follow three steps:
- See the Hazard: when driving, think about what is going to happen or what might happen as far ahead of encountering a situation as possible. You should never assume everything will be "all right".
- Understand the defense: specific situations require specific ways of handling. Become familiar with the unusual conditions which you may face and learn them well so that you can apply them when the need arises.

Taking these three steps and keeping good driving techniques in mind, you'll learn to "give in" a little; to tailor your driving behavior to the unexpected actions of other drivers and pedestrians; to the unpredictable and ever-changing factors of light, weather, road and traffic conditions and the mechanical condition of the vehicle.



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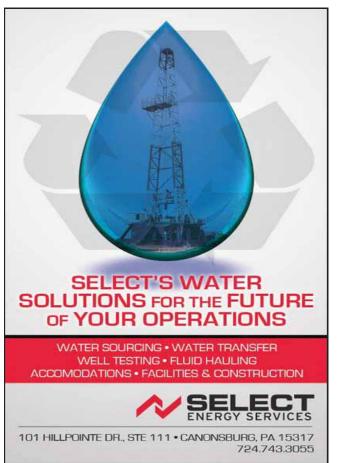
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THE INSIDER Page 14

#### **GAS PRICING**

#### SEPTEMBER 2013

NYMEX Settlement: \$3.5670 Inside FERC/DTI: \$3.1700 (Basis: -\$0.397) Inside FERC/TCO: \$3.5200 (Basis: -\$0.047) NYMEX 3-day Average: \$3.5380

#### OCTOBER 2013

NYMEX Settlement: \$3.4980 Inside FERC/DTI: \$3.2500 (Basis: -\$0.248) Inside FERC/TCO: \$3.5000 (Basis: \$0.002) NYMEX 3-day Average: \$3.4943

#### OIL PRICING 2013

#### ERGON OIL PURCHASING WEST VIRGINIA MONTHLY AVERAGE

August Ohio Tier 1: \$107.0187
August Ohio Tier 2: \$104.0187
August Ohio Tier 3: \$101.0187
August West Virginia Tier 1: \$105.5187
August West Virginia Tier 2: \$102.5187
August West Virginia Tier 3: \$99.5187
August Marcellus/Utica Condensate: \$86.1919
August Marcellus/Utica Medium: \$107.0187
August Marcellus/Utica Light: \$101.1855

September Ohio Tier 1: \$106.1987 September Ohio Tier 2: \$103.1987 September Ohio Tier 3: \$100.1987 September West Virginia Tier 1: \$104.6987 September West Virginia Tier 2: \$101.6987 September West Virginia Tier 3: \$98.6987 September Marcellus/Utica Condensate: \$83.9097 September Marcellus/Utica Medium: \$106.1987 September Marcellus/Utica Light: \$100.8887

**Tier 1** - 150 + net barrels of crude oil No more than 2% BS&W (if the BS&W is over 2% it will then qualify for Tier 2 pricing)

**Tier 2** - 60-149.99 net barrels of crude oil Two Stops within 5 miles

Tier 3 - 30-59.99 net barrels of crude oil

The prices as posted are based upon computation of volume by using tank tables, or as measured by a deduction for all BS&W and correction for temperature deductions or allowances shall be made on the oil purchased shall be free of contamination and/or alteration by foreign substances or chemicals not but are not restricted to, oxygenated and/or chlorinated compounds.

The Marcellus/Utica Shale produced crude oil will be purchased based on the monthly average for the following postings: 38.0-49.9 API Gravity—Marcellus/Utica Medium crude oil 50.0-59.9 API Gravity—Marcellus/Utica Light crude oil 60.0+ API Gravity—Marcellus/Utica Condensate (formerly posted as Appalachian Sweet Light-ALS).

Other parameters will be evaluated on a farm by farm basis.

You can now find EOP WVA Crude oil Price Bulletin on the internet at: www.ergon.com

### **OIL PRICING 2013**

#### AMERICAN REFINING GROUP AVERAGE

8/21 to 8/31 Group 1 OH: \$107.25

Group 2 OH: \$104.25

Group 3 OH: \$101.25

9/1 to 9/10 Group 1 OH: \$108.99

Group 2 OH: \$105.99

Group 3 OH: \$102.99

9/11 to 9/20 Group 1 OH: \$107.07

Group 2 OH: \$104.07

Group 3 OH: \$101.07

9/21 to 9/30 Group 1 OH: \$102.42

Group 2 OH: \$99.42

Group 3 OH: \$96.42

10/1 to 10/10 Group 1 OH: \$102.21

Group 2 OH: \$99.21

Group 3 OH: \$96.21

10/11 to 10/20 Group 1 OH: \$100.51

Group 2 OH: \$97.51 Group 3 OH: \$94.51

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Group 3 (OH/PA/NY) - 30-59.9 net barrels from a single location

For questions relating to ARG Group Pricing or Utica / Marcellus Shale pricing, please contact:

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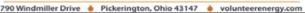
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If I missed anyone please let me know.

#### A Special Thanks to:

Technical Speakers – Gary O'Brian, Charlie Dixon, John Tripplett, Washington County Sheriff Dept., Kristy Hawthorne, Dave Claus, Dan Goins, Rocky King, Larry Cavallo, Mark Griffen, Matt Lupardus and Representative Andy Thompson.

Training Sessions- Scott Gillespie, Troy Poling, Eddy Cannon, Steve Boone and Chris Deem

Reno Business Park, Rons Porta Johns, Event Designs for the great setup, Steve and Carol with C&S BBQ provided a great lunch, Desk and Derrick ladies help with serving and the beautiful table decorations.

Parmaco of Parkersburg for donating the generator to raffle, we sold \$600.00 in tickets for the SOOGA Legacy Fund.

Roy Marshall (United Rental) for all your hard work and help in providing a fork lift, generators and anything else for the outside vendors.

Thanks to all the Vendors and everyone in attendance, your participation is what grows our events and membership.



#### **Trade Show Winners**

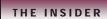
Tracy Lingafelter- 42" TV

Tablet– Alvin Engelke

Generator - Reggie Stockert



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#### (continued from page 10)

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.

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 – Calendar Year 2012:**

Owner Name	Oil (BBLS)	GAS (MCF)	BRINE (BB	LS) Days	Wells
ANADARKO E & P ONSHORE LLC	118,726	443,297	107,313	1,335	7
ANTERO RES APPALACHIAN CORP	21,522	37,693	4,499	27	3
CHESAPEAKE EXPLORATION LLC	372,212	10,092,701	401,816	4,811	53
CNX GAS COMPANY LLC	10,015	9,986	1,284	50	1
DEVON ENERGY PRODUCTION	2,149	0	69,792	294	5
ENERVEST OPERATING LLC	32,546	160,209	23,010	304	3
GULFPORT ENERGY CORP	63,167	767,129	46,912	185	8
HESS OHIO RESOURCES LLC	560	922,979	2,285	296	2
HG ENERGY LLC	0	232,847	4,334	247	1
PDC ENERGY INC	2,120	10,608	8,427	311	3
REX ENERGY	<u>12,879</u>	<u>159,213</u>	<u> 18,786</u>	<u>119</u>	<u>1</u>
TOTALS	635,896	12,836,662	688,458	7,979	87

AS of September 13, 2013, there have been 882 Utica Shale permits issued in 22 counties in Ohio to 27 companies, and 542 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.

Here is a county by county rundown.

- Carroll County- 327 Permits
- Harrison County- 130 Permits
- Columbiana County- 88 Permits
- Noble County- 64 Permits
- Guernsey County- 51 Permits
- Belmont County- 45 Permits
- Monroe County- 37 Permits
- Jefferson County- 36 Permits
- Mahoning County- 27 Permits

There are currently 152 Utica Shale wells in production, without a single environmental violation to date.

#### Use of Data:

The information contained in this document is compiled and furnished without responsibility for accuracy and is provided to the recipients on the condition that errors or omissions shall not be made the basis for a claim, demand or cause of action. The information contained in this document is obtained from recognized statistical services and other sources believed to be reliable, however we have not verified such information and we do not make any representations as to its accuracy or completeness.

#### Disclaimer:

Neither the information, nor any opinion expressed, shall be construed to be, or constitute, an offer to buy or sell or a solicitation of an offer to buy or sell any futures, options-on-futures, or fixed price natural gas. From time to time, this publication may issue reports on fundamental and technical market indicators. The conclusions of these reports may not be consistent.

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#### **Editorials**

# Oil, gas companies must report any hazardous materials

People who live near Washington County's oil and gas drilling operations might be alarmed with what they might find on site.

As of Sept. 21, the Ohio Environmental Protection Agency is requiring oil and gas producers to inform local first responders and emergency management agencies what hazardous chemicals are being stored and used in the drilling operations.

Hazardous chemicals such as barium sulfate, ethylene glycol, hydrochloric acid and formaldehyde are chemicals typically used when wells are drilled and go into production.

"(The requirement) follows all the local chemical plants, Lauer said. "They have to send that to the local first responders so they know what they are dealing with. That's a good thing."

Jeff Lauer, director of the Washington County Emergency Management Agency, said the Local Emergency Planning Commission was established to help the public respond to and become informed about possible hazards.

Aurelius and Adams townships each have three wells that have permits. Salem Township has one. Waterford Township has one well that has been drilled.

#### **FACT BOX: Hazardous materials**

These substances are some of the hazardous material typically listed by oil and gas producers.

Barium sulfate: Barium sulfate increases the density of the fluid.

Ethylene glycol: Prevents plugging off the formation.

Hydrochloric acid: Cleans cement and drilling mud from the bore hole.

Petroleum distillates: Minimizes friction.

Formaldehyde: A carcinogen, the natural gas and petroleum industries use formaldehyde-based resins in drilling operations, to increase oil and gas well yield and to improve service life.

While Lawrence Township has no wells that have been drilled or permitted, resident Bob Clark, 69, who retired after 33 years at Dupont's Washington Works plant near Parkersburg, said it's a good idea to report the drill sites' hazardous materials.

"If they respond to an accident, then they know what they are up against," Clark said. "I worked with formaldehyde for years at Dupont, and I'm still kicking."

Clark also said if the hazardous material is handled correctly, it wouldn't cause a problem.

Continued to page 26

### Oil and gas industry is open about chemicals

October 16, 2013 The Marietta Times

As a longtime oil and gas producer in the area, I was very disappointed to see the Marietta Times assuming our industry does not disclose the chemicals we use and somehow put first responders at risk. Ohio has long been in the forefront of making sure our emergency management services and fire departments always have the information they need in case of an emergency.

In 2001, Ohio passed House Bill 94 which updated the Emergency Planning Community Right To Know Act (EPCRA) from a paper database to the more current digital format. This emergency management website is used across Ohio by fire departments and emergency planners alike. The website goes over and above the requirements set forth by EPCRA, lists chemicals, well owners, contact information and maps all for use by first responders in order to develop proper planning in case of an emergency.

At the time, the new digital website was heralded by the State Review Oil and Natural Gas Environmental Regulation (STRONGER), a group whose membership is comprised of regulators, industry and the environmental community to review oil and gas regulation in the United States as well as the Council of State Governments for being an innovative approach to providing access to emergency response information to responders and the public alike.

In addition, the Ohio Oil and Gas Energy Education Program provides free oilfield training for Ohio's first responders to teach them how to use this system as part of their training.

To insinuate that Ohio's oil and gas industry would intentionally put our first responders into even more dangerous situations is disingenuous. First responders are our partners in the oilfield and we want to be as forthright as possible with them, which is why we developed such an innovative program in 2001

The first responders I have spoken with about hazardous chemicals are far more concerned about entering the increasing number of meth-labs than responding to an oilfield site.

Gene Huck,

Artex Oil Company

HE INSIDER Page 22

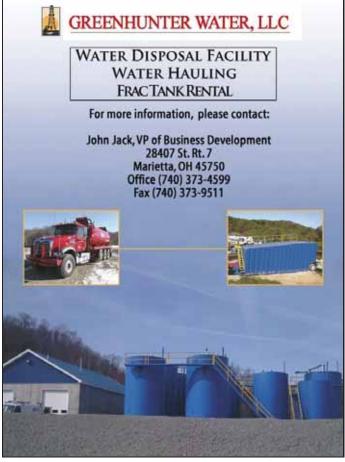
Please join Marietta College for John Turley's presentation titled: An Engineering Look at the Cause of the 2010 Macondo Blowout.

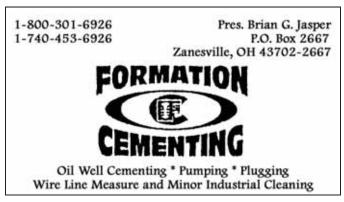
November 21<sup>st</sup> at 7:00PM in McDonough Auditorium on Marietta College's campus.

In John Turley's presentation, he reviews:

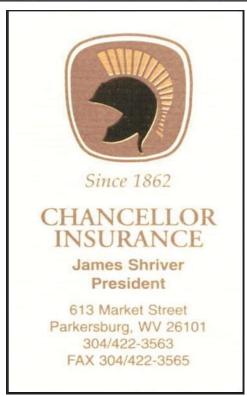
- Wellbore mechanics prior to temporary abandonment,
- The temporary-abandonment procedure—simulating, testing, confirming security, installing barriers, displacing the riser, pulling BOPs, and releasing the rig,
- Post-blowout forensics—the formation of a fluid leak, testing for leaks, exacerbating the unseen leak, annular communication, changing test protocols, multitasking complications, declaring the well secure, causing the well to flow, and allowing the well to flow unseen until too late.

Contact Taylor Pottmeyer (tjp001@marietta.edu) or Nicole Schaly (nms002@marietta.edu) with any questions

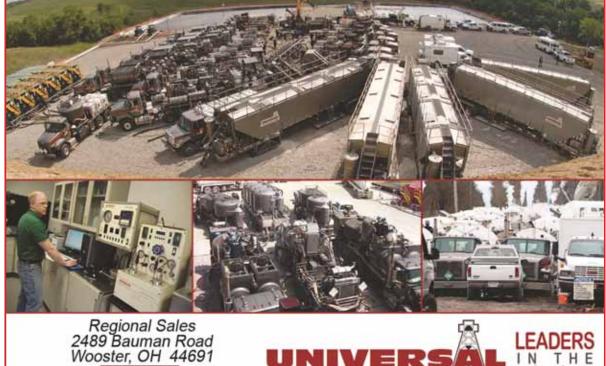








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#### Oil, gas drilling operations creating W.Va. Jobs

September 23, 2013 By Brett Dunlap, Special to the Times

PARKERSBURG - With natural gas drilling operations starting up in a number of areas, some are starting to see an increase in employment as development begins and wells are being set up to tap into the Marcellus Shale deposit.

According to WorkForce West Virginia, during the first quarter of 2013 there was six units in Wood County doing oil and gas extraction with 20 employees paying a total of \$161,918 with an average weekly wage of \$622.77.

In other area counties:

WorkForce West Virginia had nothing listed for Wirt and Jackson counties.

Officials with WorkForce said the data in some areas was not available. However, they said support activities for oil and gas operations as well as work on oil and gas pipeline and related structures have shown the most growth statewide.

A number of area residents have joined together with property in Wood, Ritchie, Calhoun, Roane, Jackson and Wirt counties to market to oil and gas companies for development. The landowners will be meeting soon to determine which company they will be working with.

In 2012, Workforce Investment Area 4, which includes Calhoun, Clay, Jackson, Mason, Pleasants, Ritchie, Roane, Wirt and Wood counties, had 82 units doing oil and gas extraction with 452 employees paying a total of \$18,979768 with an average weekly wage of \$807.52.

Charlie Burd, with the Independent Oil and Gas Association of West Virginia, said areas like Wood County could have more people working at gas/oil sites around the region who have to drive somewhere out of the area to go to work.

There are also a number of areas that have permits in place but no gas operations yet, Burd said.

"A permit does not equal a well," Burd said, adding most permits are for two years.

A lot of the focus has been put in regions around Wetzel, Tyler and Doddridge counties as well as the northern panhandle which have more liquid rich deposits of natural gas, Burd said. He said not too much has been done around Wood County.

There is also a lot of work to be done in getting sites ready for drilling.

"There are a number of local people working in the industry," said Denny Harton of GasSearch Corp. in Parkersburg. "It started predominately with landmen and abstractors working in the area courthouses to identify lease positions.

"Next came excavators who are constructing the drilling pads for multi horizontal well drilling and completion from a single drill site. Then of course pipelines are being constructed and processing plants are being built. All of these are laborintensive endeavors that require varying amounts of skilled labor as well as opportunities for geologists, engineers and legal professionals," he said.

In order to get workers the necessary skills for the emerging oil/gas industry in West Virginia, Harton said there are a number of training opportunities available to help train the workforce for future opportunities.

The "Petroleum Technology Program," developed by the Community and Technical College System of West Virginia, started this fall semester and is being jointly conducted at Pierpont Community and Technical College in Fairmont and West Virginia Northern Community College in Wheeling.

"These programs are designed to train the workforce of tomorrow and prepare young people for an exciting and lucrative career," Harton said. "Much has been said about the fact that many out-of-state workers are in the state and while to some degree that is true, I believe much of that sector of the labor pool will be displaced by local worker once they gain the expertise."

Harton believes if Wood County can get the proposed ethane cracker plant, the area would see a significant increase in economic development.

That would be a gain," he said. "It might require some tort reform for West Virginia to get the plant however.

"Companies are still scared to death of our legal system and they should be."

Harton said it is not just gas companies that are concerned about the state's legal system. Any company looks at the judicial climate anywhere they might be considering making a significant investment, he added.

"There have been improvements to certain areas of the judicial system that were primarily focused on keeping doctors in the state," he said. "When all other elements considered for investment are equal or near equal with competing states, West Virginia loses because our judicial system is viewed as allowing far more abuse than nearly any other state.

"If the Legislature were to reform the tort system, I am confident that effort alone would put West Virginia on an equal footing with other states and that more jobs and economic opportunity would follow."

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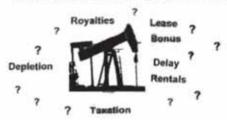
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Editorials, Continued from Page 21

Lauer said the area chemical plants are required by law to file chemical inventories they have on site with local fire departments each March.

He said the reporting requirement for oil and gas producers report would be similar to the Material Safety Data Sheets most companies have on file in the workplace, listing what chemicals are on the work site, their properties and emergency information.

Salem Township Volunteer Fire Department Lt. Chris Biehl, 56, of Whipple, said everything about the hazards of the work area is a concern, including the gas, the pressure and the flammability. He said the firefighters attend training session several times per year to keep up on anything new.

"It's always been the same thing, except you get a lot more pressure, so there needs to be a little more training with the new drilling (techniques) with the fracking and all," said Biehl, who has been in fire service for 34 years.

Noble County Emergency Management Agency Director Chasity Schmelzenbach said she hasn't seen an increase in the amount of chemicals since the ruling took effect.

A strategy that has helped in Noble County is conducting quarterly safety roundtable, in which the drilling

companies, first responders and the EMA can share information about anything new in the industry. The sessions, Schmelzenbach said, allow the county to ward off problems before they occur.

"We have had a increase in EMS calls, but nothing significant," Schmelzenbach said. "You get that with any increase in population. Clearly, we have more people running around (with all the oil company employees).

"Communcation is key," Schmelzenbach said.

Deborah Misel, of 1190 Dixon Ridge Road, Lowell, in Adams Township, has a drilling operation just below her home. She agreed informing emergency personnel about the hazardous chemicals used in the drilling is good for the people.

"You can't treat a person for injuries received if you don't know what they've been exposed to," she said. "I didn't take chemistry, but there's some major stuff they use in their operation."

October 5, 2013 By Phil Foreman ,The Marietta Times







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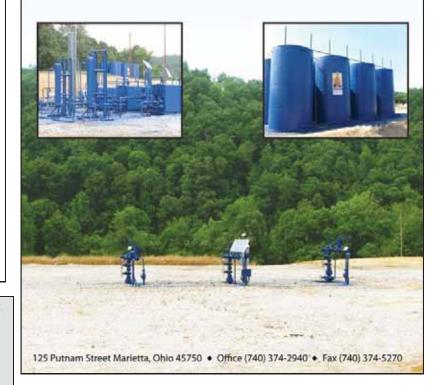
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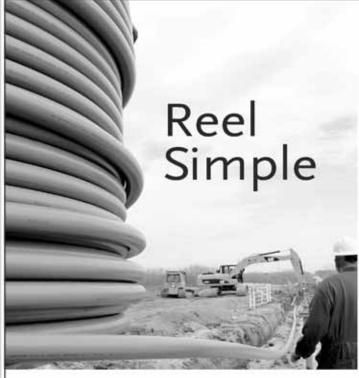
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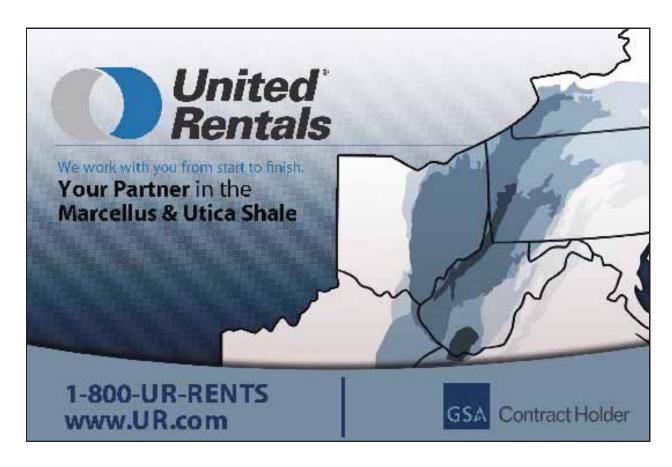
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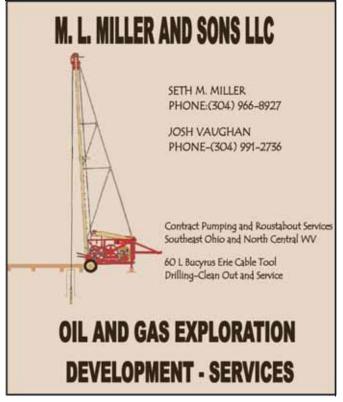


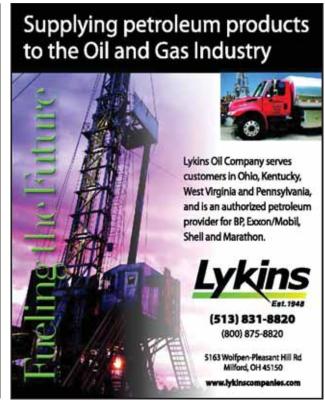
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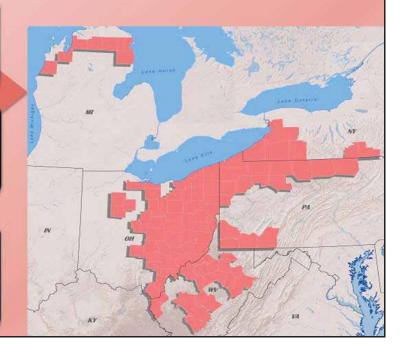


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# Pennant Midstream to build new NGL pipeline

October 1, 2013 Shale play.com

NEW MIDDLETOWN, Ohio - A new \$60 million, ing, as well as residue gas and NGL takeaway to 38-mile natural gas liquids pipeline was announced last month, planned to link to a processing plant already under construction here.

Pennant Midstream, LLC, announced the construction of a 12-inch natural gas liquids, or NGL, pipeline, to connect the Hickory Bend Cryogenic Processing Plant in New Middletown to the UEO Kensington facility near Kensington, Columbiana County. It will have the capacity to initially deliver approximately 90,000 barrels a day. NiSource Midstream Services, LLC, operates Pennant Midstream, which is jointly owned by Harvest Pipeline, midstream assets. an affiliate of Hilcorp Energy Company, and Ni-Source Midstream Services.

"The construction of new infrastructure is critical to unlocking the potential of the Utica Shale play in Ohio," said Jimmy D. Staton, Columbia Pipeline Group and NiSource Midstream Services CEO. "This partnership will not only provide a key link in that infrastructure, it will provide economicrelated benefits for companies and residents of Ohio and the Appalachian Basin."

Steve Jacobs, President of Harvest Pipeline said, "We are delighted to be a part of this critical project in the development of the Utica Shale, particularly with our partners at NiSource Midstream Services, who have a proven track record in midstream operations. This project is an important milestone in advancing the development of the Utica Shale formation in Ohio."

The construction of this line enhances the Pennant gathering and processing facility to become a fullservice facility in the northern Utica Shale area, offering access to wet gas gathering and processattractive market destinations.

The pipeline is under construction and is expected to be completed by July. The initial NGLs will be delivered to the UEO NGL pipeline originating in Columbiana County and transported via the existing UEO NGL infrastructure to the fractionator at UEO Harrison Hub in Harrison County, Ohio. Ni-Source Midstream Services is part of the Columbia Pipeline Group, a wholly-owned entity of NiSource Inc. Harvest Pipeline Company is an affiliate of Hilcorp Energy Company that owns and operates



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Dominion Field Services	J.F. Deem Oil & Gas	Producers Service	me know.
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## Winners

Flight A

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1st- Westerman	1st.—Producers Service
2nd.—Dominion 4A	2nd.—WP Brown
3rd.—Plant Oil 14A	3rd.—Miller Supply
#5 Long Drive Men—Briar Mallett	#7 Closest to Pin 2nd Shot—Pat Altier
#18 Long Putt Men—Bob Gerst	#11 Closest to Pin—Andrew Cowan
#14 Long Drive Women—Joann Grieco	#9 Straightest Drive—Brad Byrd
#4 Closest to Pin—Dave Sweeney	50/50 Drawing \$196.00 to SOOGA Legacy Fund

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