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2019Annual Trade Show



SOOGA held their 2019 Annual Trade Show on Thursday, September 26th, at the new Elizabeth Sugden–Broughton Building. We had a great turnout again this year with 188 attendees, 22 indoor and 11 outdoor

vendors. Safety classes were offered in the morning and industry presentations were offered in the afternoon. Lunch was provided by C&S BBQ and served by the Ohio Valley Desk and Derrick Club. Door prizes were drawn throughout the day and the big winners were; Winnie Sinnett, winner of the Remington 783 Youth Gun; Steve Sigler, winner of

the Yeti Cooler; and Pat Altier, winner of the 43" Smart TV. A big thanks to everyone that came out and supported our industry in anyway. We are always looking for ways to improve our events for our members, if you have any ideas or suggestions please let us know.

SOOGA Tax Seminar

The 2019 Tax Seminar will be held December 4th, 2019 at The Lafayette Hotel 101, Front Street, Marietta, OH 45750 from 8:30am to 4:00pm.

The cost will be \$75.00 (member) \$150.00 (non-member), please RSVP at 740-374-3203 or mail@sooga.org by October 25th 2019.

More detailed information will be sent at a later date.

THE INSIDER

THE CROW'S NEST

I want to start by thanking our sponsors, vendors and attendees who supported the SOOGA Annual Fall Trade Show and Fall Clay Shoot. Your participation and support allow our association to put on successful events. Your support and participation also makes it possible for the association to be active in positively impacting the various issues our industry faces on a daily basis.

In an effort to improve the quality of the Annual Fall Trade Show, we moved to a new venue. The Elizabeth Sugden Broughton Community Building opened recently and SOOGA was able to host the first professional event at the complex. We were able to move to an air conditioned building. Other than a brief rain shower in the morning, the weather was great. We know there are a few things we can do to improve our use of the new space, but the Board of Trustees hopes you found the new venue enjoyable. Thank you to our speakers for their updates and insights on industry topics and training. The participation in our outdoor vendor space was an increase over previous shows and it was good to have the space for everyone to set up their equipment. All of the training sessions in the morning were well attended.

The Fall Clay Shoot was also a success. We had 74 shooters and perfect weather for the day. Congratulations to our class winners.

SOOGA has been in conversation with Ohio811. Ohio811 has been working to find ways to streamline the one call process. Since the move from OGPUPS and Ohio811 into one entity (Ohio811), many of our members have experienced higher volumes of Call Before You Dig tickets. Part of the reason is there is now one place to call instead of two. There were instances in the past where excavators may have called Ohio811 but not OGPUPS. Therefore operators were missing calls they should have been receiving. As an industry, we have been fortunate there have not been more of our facilities damaged.

Ohio811 has recognized there are improvements to be made. They are working on improvements to their system to reduce the number of unnecessary one call tickets. SOOGA is working toward scheduling a session with Ohio811 so they can share details of their operations with our membership. We will let you know the details as we have them.

Do not forget the Tax Seminar scheduled for December 4th. We need to have around 20 people in attendance to hold the seminar. Watch for details from Billie.

As oil and natural gas prices do not appear to be improving significantly any time soon, keep your head down and keep digging.

President, Don Huck



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2019 NEW MEMBERS SOOGA would like to welcome the following new members:

JEREMY BONAR

Contractor Rock Hard Energy Services, LLC 8175 Gills Hollow Rd Roseville, OH 43777 740-891-1228

PATRICK LAY

Allied Industry RockGuard HD 510 O'Neal Ln. Baton Rouge, LA 70819 225-273-9600

RANDY O'BRIEN Contractor Nine Energy Service 2163 St. Rt. 821 Marietta, OH 45750 304-991-0898

JOSH MAAS

Allied Industry Advanced Tank Technologies, LLC 553 Southwest St. Bellevue, OH 44811 419-483-2525

ALISON WALDORFF

Professional AT&T/FirstNet Event Team 8372 E Broad Street Reynoldsburg, OH 43068 513-341-0393

CHRIS MODD Zimmerman Steel & Supply Co. 18542 Davis Rd Dalton, OH 44618 330-749-4655

> BENJAMIN HARVEY Associate Aspire Energy 300 Tracy Bridge Rd Orrville, OH 44667 330-464-5495

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Kevin Rothenbuhler Utica Resource Operating 740-336-7831

Roger Heldman HG Energy, LLC 304-420-1107

Matt Lupardus HG Energy, LLC 304-420-1127

Linda O'Brien O'Brien's Safety Services 740-350-4228

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Southeastern Ohio Oil and Gas Association Gas Committee Report October, 2019

PRICING

Prices October 8, 2019

NYMEX Settle – October -2019	\$2.43
One Year NYMEX strip (Nov., 2019 – Oct. 2020)	\$2.38
Summer NYMEX strip for 2020 (AprOctober, 2020)	\$2.32
Winter NYMEX strip – 2019 (Nov., 2019 – Mar. 2020)	\$2.54
TCO Index Posting -October, 2019	\$1.73
DTI Index Posting – October, 2019	\$1.35

Working gas in underground storage, Lower 48 states

						Historical	Comparisons	
-	Stocks billion cubic feet (Bcf)				Year ago (9/27/18)		5-year average (2014-18)	
Region	09/27/19	09/20/19	net change	implied flow	Bcf	% change	828	% change
East	828	794	32	32	758	9.0	735	-0.2
Midwest	973	934	39	39	831	17.1	945	3.0
Mountain	199	194	5	5	176	13.1	202	-1.5
Pacific	291	286	5	5	262	11.1	312	-6.7
South Central	1,02 9	998	31	31	826	24.6	1,048	-1.8
Salt	220	207	13	13	180	22.2	268	17.9
Nonsalt	809	790	19	19	646	25.2	781	3.6
Total	3,31 7	3,205	112	112	2,852	16.3	3,335	-0.5

Totals may not equal sum of components because of independent rounding.

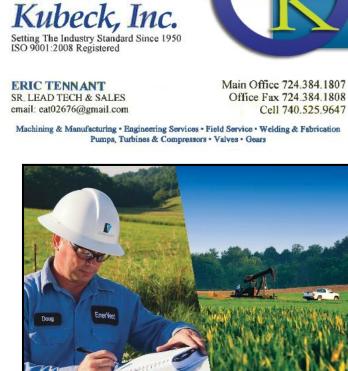
Summary

Working gas in storage was 3,317 Bcf as of Friday, September 27, 2019, according to EIA estimates. This represents a net increase of 112 Bcf from the previous week. Stocks were 465 Bcf higher than last year at this time and 18 Bcf below the five-year average of 3,335 Bcf. At 3,317 Bcf, total working gas is within the five-year historical range.

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Chalmers &

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2019 SOOGA Calendar of Events

November 2019 **Annual Gun Giveaway**

December 4th, 2019 2019 Tax Seminar Marietta, OH 45750



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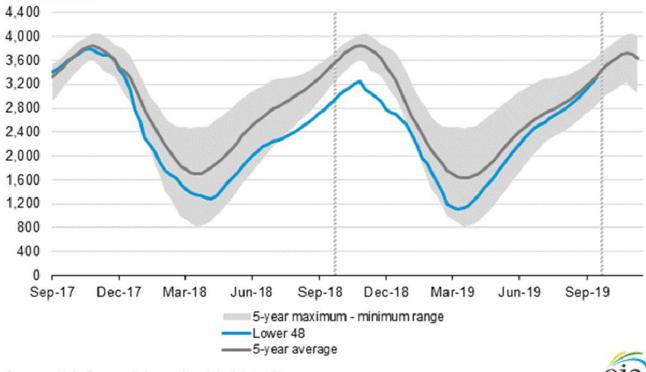






(continued from page 6)

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



Source: U.S. Energy Information Administration

Natural Gas

Prices/Supply/Demand:

Northeast prices are mixed. At the Algonquin Citygate, which serves <u>Boston-area consumers</u>, prices went up 12ϕ from \$1.80/MMBtu last Wednesday to \$1.92/MMBtu yesterday because temperatures are forecast to cool. At the Transcontinental Pipeline Zone 6 trading point for New York City, prices decreased 12ϕ from \$1.62/MMBtu last Wednesday to \$1.50/MMBtu yesterday amid light seasonal demand. Prices reached a low of \$1.08/MMBtu on Friday, the lowest price in nearly three years (October 2016).

Tennessee Zone 4 Marcellus spot prices decreased 12¢ from \$1.46/MMBtu last Wednesday to \$1.34/ MMBtu yesterday. Prices at Dominion South in southwest Pennsylvania fell 9¢ from \$1.51/MMBtu last Wednesday to \$1.42/MMBtu yesterday.

Supply rises. According to data from IHS Markit, the average total supply of natural gas rose by 1% compared with the previous report week. Dry natural gas production grew by 1% compared with the previous report week. Average net imports from Canada increased by 6% from last week.

U.S. LNG exports decrease week over week. Eleven LNG vessels (seven from Sabine Pass, three from Corpus Christi, and one from Cameron LNG export terminals) with a combined LNG-carrying capacity of 40 Bcf departed the United States between September 26 and October 2, according to shipping data compiled by Bloomberg. Three vessels (one at Sabine Pass, one at Corpus Christi, and one at Freeport LNG terminals) were loading on Wednesday.

Cove Point LNG export terminal is undergoing scheduled maintenance. The facility has had no exports depart since September.

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(continued from page 6)

Ohio's Utica Shale 2019 Second Quarter Production

During the second quarter of 2019, Ohio's horizontal shale wells produced 5,813,755 barrels of oil and 614,218,362 Mcf (614 billion cubic feet) of natural gas, according to the figures released today by the Ohio Department of Natural Resources (ODNR).

Compared to a year ago, oil production increased by 29.54% and natural gas production showed a 10.81% increase over the second quarter of 2018.

	2018 Quarter 2 (Shale)	2019 Quarter 2 (Shale)	Percentage Change
Barrels of oil	4,488,104 bbl	5,813,755 bbl	29.54%
Mcf of natural gas	554,306,916 Mcf	614,218,362 Mcf	10.81%

The ODNR quarterly report lists 2,365 horizontal shale wells, 2,317 of which reported oil and natural gas production during the quarter. Of the wells reporting oil and natural gas results:

There are currently 3,177 Utica Permits, and 2,707Utica shale wells drilled, with 11 rigs running.



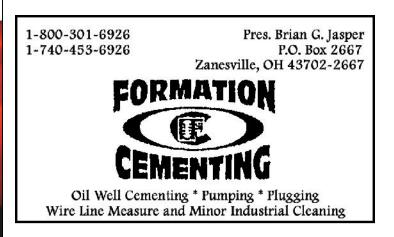
VOLUME 35, ISSUE 4 Page 9 N INDUST Customized Natural Gas Compression Purchase/Lease/Field Repair Since 1862 **CHANCELLOR INSURANCE** · Complete drop-in units built to your specs. Refurbish your existing unit All controls built in-house Ladder-style base won't accumulate dirt and oil **Joseph Shriver** Square D electrical components · Murphy operating & safety controls · Quincy, Corken and Gardner-Denver compressors · Gas or electric driven Vice President Visit our web site at www.canaanindustries.com 613 Market Street Chris Deem Canaan Industries LLC Parkersburg, WV 26101 12845 Burbank Rd - Burbank, Ohio 44214 Phone (330) 464-1510 304/422-3563 Fax 304/422-3565 joeshriver@chancellorins.com WESTON, W. VA. GLENVILLE, W. VA. 304-269-3850 304-462-5726 YOUR DRILLING COMPANY FAX 304-269-3859 FAX 304-462-5727 EROM KEN Conductor MILLER SUPPLY Rathole of W. VA. Tophole INC. Oil Field Equipment From Spud Structural Pipe to TD CORNER ST. RTS. 3 & 95 **1537 BLACHLEYVILLE RD.** ELKVIEW, W. VA. MARIETTA, OHIO P.O. BOX 1086 304-935-1055 740-373-6806 WOOSTER, OHIO 44691 FAX 304-935-1058 FAX 740-373-7287 www.kenmillersupply.com

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Oil & Gas Provisions in The State Budget Bill (HB 166)

The following article is a brief explanation of the oil and gas provisions passed as part of The State Budget Bill (HB 166) on July 17, 2019. It was signed by Governor Mike DeWine on July 18, 2019. Overall, there were six oil and gas provisions directly impacting the industry that were passed in the final version of the bill. Regulatory provisions became effective October 17, 2019. Please note the special effective date for the Elimination of the Minimum Regulatory Cost Recovery Fee covered in Item 1 below.

- **Elimination of the Minimum Regulatory Cost Recovery Fee** Language was added to the bill that would eliminate the minimum regulatory cost recovery fee. The fee was instituted in Senate Bill 165 and stated that a well either pays this fee based upon their production or a minimum \$15 per quarter, per well fee (up to \$60 per well, per year). This minimum fee has now been eliminated and now all wells will pay the fee based on their actual production. The Ohio Department of Taxation added an amendment during Conference Committee deliberations that eliminated the fee as of January 1, 2020 to prevent duplicative systems of taxation for tax year 2019.
- **Elimination of the Well Transfer Fee** The fee, which currently stood at \$100 per well per transfer, had become a potential hindrance to the transfer of wells. As such, and with additional severance tax revenues flowing to fund the regulatory agency, the fee was ultimately eliminated instead of reduced.
- **Unitization Clarification** For those applying for a unitization order, the applicant must have 65% of the acreage under lease. Recently, there became a question as to what acreage counts towards this 65% statutory requirement. Some unitization orders were denied as it was determined that, in an effort for the operator to count the acreage towards the 65% requirement, they must have 100% of said acreage under lease. (For example, you have 20 acres of a full 40 acre tract under lease. Recent interpretations stated that you would need all 40 of those acres for it to be counted towards the 65% requirement.)

The amendment would allow any and all acreage within the unit to count towards the 65% statutory requirement as previous practice had dictated. This amendment was inserted in the "As Passed by the House" version of the bill and removed during Senate consideration. The proposal was reinserted during Conference Committee discussions.

- **Owner Identification** Language in the bill requires a person operating an oil and gas well to first register and obtain an ID number with the ODNR. ODNR stated that this was necessary as some operators did not do this.
- **Notification of Well Transfer to ODNR** Language requires the transferee of a well to notify ODNR in the event that the transferor did not notify ODNR of the transfer or the transferor is deceased/dissolved and cannot provide this notification.
- **Timeframe for Appeal of a Chief's Order** Language in the bill specifies the person receiving a Chief's order must appeal to the Oil and Gas Commission within 30 days of receiving the order. This language was necessary as a recent legal decision brought into question when an interested party has been notified and when the clock actually starts for their appeal.

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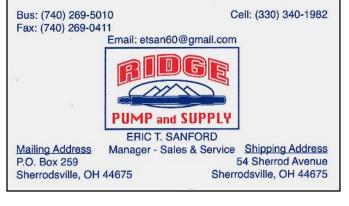
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GAS PRICING 2019

SEPTEMBER 2019 NYMEX Settlement: \$2.251

Inside FERC/DTI: \$1.610 (Basis: -\$0.641) Inside FERC/TCO:\$1.890 (Basis: -\$0.361)

OCTOBER 2019 NYMEX Settlement: \$2.428 Inside FERC/DTI: \$1.350 (Basis: -\$1.078) Inside FERC/TCO:\$1.730 (Basis: -\$0.698)

OIL PRICING 2019

ERGON OIL PURCHASING WEST VIRGINIA MONTHLY AVERAGE

August Ohio Tier 1: \$53.841 August Ohio Tier 2: \$50.841 August Ohio Tier 3: \$48.841 August West Virginia Tier 1: \$53.841 August West Virginia Tier 2: \$50.841 August West Virginia Tier 3: \$48.441 August Marcellus/Utica Condensate: \$40.841 August Marcellus/Utica Medium: \$53.841 August Marcellus/Utica Light: \$48.841

September Ohio Tier 1: \$55.676 September Ohio Tier 2: \$52.676 September Ohio Tier 3: \$50.676 September West Virginia Tier 1: \$55.676 September West Virginia Tier 2: \$52.676 September West Virginia Tier 3: \$50.676 September Marcellus/Utica Condensate: \$42.676 September Marcellus/Utica Medium: \$55.676 September Marcellus/Utica Light: \$50.676

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

Please contact Ergon at 1-800-278-3364 for clarification on split load pricing.

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 associated with virgin crude oil. These include 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 2019

AMERICAN REFINING GROUP AVERAGE

8/21 to 8/31 Group 1 OH: \$53.98

Group 2 OH: \$50.98

Group 3 OH: \$48.98

9/1 to 9/10 Group 1 OH: \$55.15

Group 2 OH: \$52.15 Group 3 OH: \$50.15

9/11 to 9/20 Group 1 OH: \$56.20

Group 2 OH: \$53.20

Group 3 OH: \$51.20

9/21 to 9/30 Group 1 OH: \$55.68

Group 2 OH: \$52.68

Group 3 OH: \$50.68

10/1 to 10/10 Group 1 OH: \$51.87

Group 2 OH: \$48.87

Group 3 OH: \$46.87

10/11 to 10/20 Group 1 OH: \$52.91

Group 2 OH: \$49.91

Group 3 OH:\$47.91

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Group 1 (OH/PA/NY) - 150.0 barrels from a single location, with a BS&W of 2% or less,

Group 2 (OH/PA/NY) - 60.0-149.99 net barrels from a single location

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: Bill Murray, VP-Crude Supply & Logistics- 330-649-2832; bmurray@amref.com

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2019 SOOGA MEMBERSHIP DRIVE

NOW IS THE TIME TO HELP YOUR ASSOCIATION WITH OUR ANNUAL MEMBERSHIP DRIVE. WITH EACH NEW MEMBER, HELP US TOWARD OUR GOAL TO STRENGTHEN SOOGA AND CREATE GREATER OPPORTUNITIES TO HELP ONE ANOTHER.

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ALSO ANYONE THAT JOINS DURING THE 2019 MEMBERSHIP DRIVE WILL BE ENTERED IN A DRAWING TO WIN A "FREE "MEMBERSHIP FOR 2020.

SINCERELY, SOOGA, MEMBERSHIP COMMITTEE

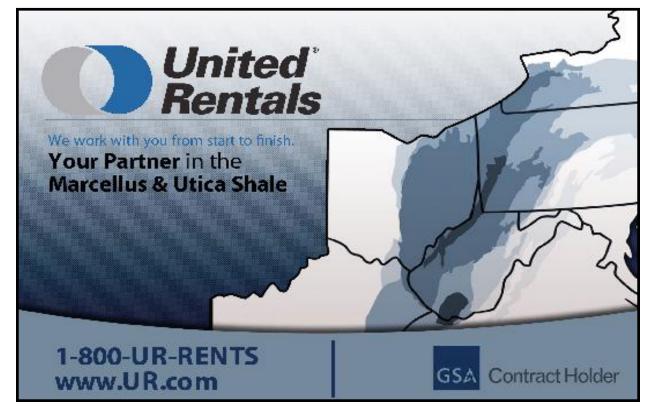
Cold Weather Hazards: Preparing Early to Address Fully

As the leaves begin to turn, so to do temperatures begin to fall. To many people, cold weather is just an inevitable part of Fall and Winter. However, when your work places you outside for hours at a time, or in wet and damp conditions, the hazards that cold weather can bring become a major concern.

OSHA does not maintain a specific set of cold safety regulations, but NIOSH does study cold related Injuries and how to prevent them. According to NIOSH, there are 4 main types of cold related Injuries; Frostbite, Chilblains, Trench Foot, and Hypothermia. While the exact effects of these injuries vary, all can lead to the loss of a limb, or even death in the most extreme cases. Fortunately, addressing cold stress is easily managed, and it all starts with adequate planning. Start by identifying tasks where cold exposure is likely. Outdoor work is most likely to involve cold exposure during the Fall and Winter months, especially at night. Wet and windy conditions also increase these hazards, as they will sap heat away from the body even faster. Ideally, you should try to avoid working in these conditions where possible, such as scheduling maintenance tasks during warmer months.

Avoiding cold exposure is not always a viable plan though. In these circumstances, proper equipment and planning is called for. To begin, when work must be done in cold weather, try to restrict it to the warmest parts of the day, avoiding conditions such as wind, rain, and snow storms as much as possible. You should also ensure that all workers are properly equipped for the cold. Workers should be equipped with adequate clothing, coats, gloves, hats, or other gear as necessary. In extreme conditions, heated gear or warming packs may be necessary. Workers should also work in pairs, and monitor each other for signs of cold stress, such as fatigue or confusion. Lastly, be sure to provide workers with an adequate rest area, so that they can rest and recover from the cold.

Cold stress and cold related injuries can be serious conditions which require first aid or even advanced medical attention. If you or a fellow worker begins to show symptoms, get them to a recovery area immediately and seek medical attention.



Article provided by: Safety Resources Company of Ohio

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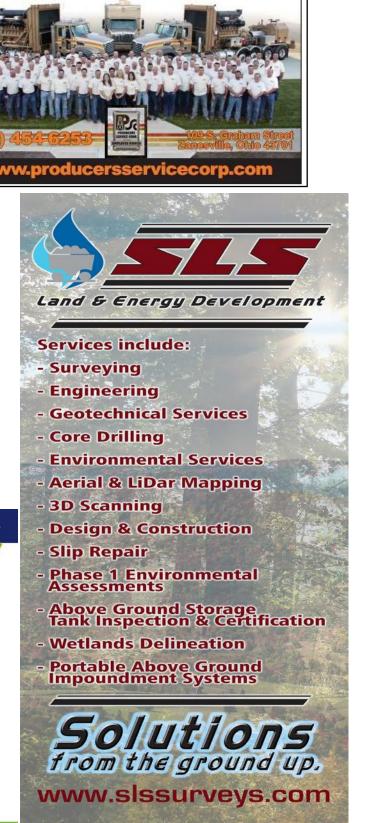




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Adopt a Tank - Save a Piece of History. By Michael Thomas

The Oil and Gas museum has several wooden water and oil tanks that have been donated or "drug in" over the years. Having already served many faithful years in service when acquired and many more years as display pieces, these interesting pieces have deteriorated over time. The Oil and Gas Museum is seeking crafty folk that may want to tackle a project of "adopting" a tank to preserve its integrity. The degree and method of work on each tank, will depend on what is the best use of time and resources. Given the many components, sometimes a stave or 2 could be replaced or even the whole tank might be cut down enough to eliminate the decayed parts.

Wooden tanks would appeal to many museum patrons that do not necessarily have an interest in oil and gas history but may bridge the gap of interest to the rest of our industry. The wooden tanks in the museum's collection were used out in the oil fields as standard production type tank sat the wells. Some were used as small holding tanks for oil nearer the well, or to separate oil and water or just simply as a cooling tank for the gas engines that power the standard rigs. Originally, these tanks could be any size, but generally were in the 25 to 65-barrel range. As the oil fields and equipment aged and the wells became less productive, many of these tanks were cut down by taking out the bad parts to a 15 to 20-barrel size. Tanks were generally made of cypress and had either iron bands, commonly referred to as "hoops" or as shown in the picture, rod bands. Many times, there would be a tightening bolt on the top hoop and sometimes lower on the tanks to facilitate assembly.

A wooden tank over its lifetime out in the field was a piece of equipment that responded well and with very little cost to maintain by pumpers and field people. Most commonly, tanks were larger in diameter at the bottom, becoming gradually narrower towards the top. This design allowed the user to hammer the hoops downward to tighten the staves as they shrunk from either aging of wood or a temporary loss of fluid. In good times, oakum could be afforded to

stuff in around the piping at the bottom or larger gaps in the staves at isolated places. When oil prices were low, rags could be stuffed in between the wood.

Along with tank repair, the museum could use any accounts of someone that had worked at repairing tanks and what tools they used. Any donations of pictures of someone doing tank work and/or the tools would be appreciated.

Anyone interested can contact Paul Hoblitzell at 304-481-0332 to discuss potential projects.





WEST VIRGINIA UPDATE

By: Bob Matthey

On November 14, 2019 in Charleston, WV there will be a WV Tank Conference held at Four Points at the Sheraton, 600 Kanawha Blvd. in Charleston.

The conference will discuss common issues, dealing with a typical AST inspection, and lessons that have been learned.

Plus answer any questions you may have.

Any questions you may have or to register: Contact Missy Morgan email address is <u>Missy@omega.com</u>

The cost of this 1 day seminar s \$150.00

Further, remember that Spill Prevention and Response plans need to be updated by December 3, 2019.

Secondly, that by January 1, 2020, Fit for service inspections have to be done on Level 1 tanks by a qualified engineer or a certified person (that have been certified by API or Steel Tank Institute).



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2019 FALL GOLF FOURSOMES



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2019 FALL GOLF FOURSOMES

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Flight A– 1st Place Team– United Measurement
Flight A– 2nd Place Team– Perry & Associates CPA's
Flight A– 3rd Place Team– Tubular Solutions, Inc.
Flight B– 1st Place Team– Worthington Industries
Flight B– 2nd Place Team– Portersville PRD
Flight B– 3rd Place Team– EMF Geoscience, Inc.

Men Skill Prizes

#4 Longest Drive– Don Pottmeyer

#18 Longest Put Made– Vince Melillo

#16 Closest to the Pin-Jordan Beauterbaugh

Ladies Skill Prizes

#3 Closest to the Pin– Bobbie Lauer

<u>Men or Ladies</u> #9 Straightest Drive- Jim Rose

THANK YOU!!











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