

## President's Letter

Barbara McCandless  
President, Desk and Derrick Club of Tulsa



Greetings Tulsa Club Members!

Here we are, almost 2/3 of the way through 2022... How is that even possible?! This heat has been something, hopefully we'll have more than a few days of autumn, before winter hits!

My new position at Latshaw Drilling Company is quite a change from the E&P companies I've worked with in my O&G career! I've been in Land Administration/Owner Relations positions up until now and Drilling is a whole 'nother ballgame! We drill the hole, then the operator takes over! That being said, I think a new perspective on what I've been doing for 14 years is fascinating and I'm so glad I'm still in the Oil & Gas industry!

The Field Trips to the museum in Catoosa in June, and the Tulsa Air And Space Museum & Planetarium in August were both really fun, thanks to all who took time to join us!

We had 14 in attendance in June, for Buford Pollet – an Assistant Professor of Energy Law and Commerce at TU. He discussed 'integrating legal issues involved in new energy technology and the repurposing of proven energy solutions'. In August we had Auburn Rubitsky, Sr Operations Analyst at Laredo Petroleum. The topic of her presentation was 'Production Accounting – Its Role & Impact in an E&P company. We had 14 at the Summit Club that day, too, & both of these speakers were very informative!

In October we will have a special meeting at Elgin Park Restaurant. This is the time where we will be voting on a new board for 2023. I am looking forward to seeing members that have been out of touch as of late!

We are all excited about the upcoming Industry Appreciation Luncheon, in November, looking forward to hearing from William R Lynn, Geologist at the Osage Minerals Council. This is the big one and we want to encourage Members to invite all their friends and colleagues to this event!

Thanks to you all for hanging in there as we trudge on as the Club that Could...!

*Barbara McCandless*

**"Things turn out best for people who make the best of the way things turn out." – John Wooden**

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**Desk and Derricks Club of Tulsa**

**2022 Dates To Remember**

BOARD MEETING (MONDAY, 12pm)	MEMBERSHIP MEETING (11:30 am)*	MEAL/SPEAKER/FUNCTION
October 10	October 20, Thurs.	Club business, 2023 Election and Dates @ Elgin Park
November 7	November 16, Wed.	Industry Appreciation Luncheon Speaker-William Lynn
December TBD	December TBD	Social / New Board Installation

\*In-Person Luncheon Meetings will be held at Summit Club unless otherwise announced.

**Note:**

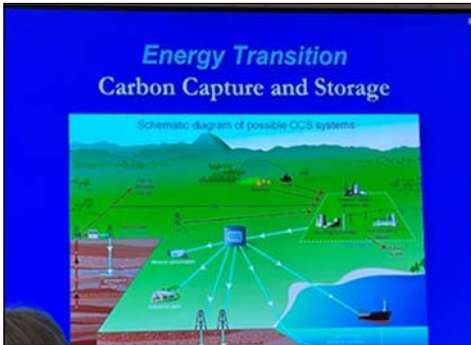
The October 20, 2022 Club Business Meeting will be held at Elgin Park Brewery located at 325 E Reconciliation Way in Tulsa, OK near ONEOK Field.

## June 16, 2022 -Membership Meeting Recap by Jill Klein

The club was honored to have Buford Boyd Pollett, J.D. share his immense wealth of knowledge at the June meeting. Mr. Pollett is a licensed Attorney in Oklahoma, Texas, Louisiana, and Georgia. He is also a licensed Geoscientist in Texas and a proctor in maritime law. Buford Pollett is also the Genave King Rogers Assistant Professor of Energy Law and Commerce at The University of Tulsa and has over 15 years of domestic and international legal experience serving his clients as the senior counsel, manager and director levels.

His energy experience includes work with Eni (the Italian National Oil Company), Wilson Offshore & Marine, McDermott, Technip, Entergy, Amoco, Texaco, Nabors, and a Shell-Exxon joint venture in Germany (BEB Erdgas und Erdöl). He has a MS/BS in Geology from the University of Georgia, a Master in International Business Management from Pepperdine University and a Juris Doctor degree from Loyola University School of Law, New Orleans.

As a true educational professional Mr. Pollett enthusiastically shared with the group. More time was needed but he gave us a high-level overview of the US Energy Security. He covered events leading up to our current status, the energy infrastructure and how the US relates to the world industry. After covering oil, gas, and LNG, he spoke on the transition energies like Biomass, Biofuel, Storage, and Critical Minerals. He explained how Carbon Capture would also be a new technology that could harness emissions at the source. Supply and pricing play a big role in securing reliable energy.



The meeting also featured Sarah Jones, VP and Scholarship Chair presenting the 2022 scholarship to Hayden Moore of University of Missouri. Hayden is the son of member Brian Moore. Meeting Hayden in person and making the presentation was a highlight for all that attended.

The President, Barbara McCandless, had some AIMEE awards that she brought back from Regional Meeting. Jake Sherman, Sarah Jones and Jill Klein were present to accept their awards in person. Special Recognition from ADDC was presented to Beth Hesling for 40 years in Desk and Derrick.



Barbara McCandless, Izabella Betancourth-Pollett (daughter of Mr. Pollett), Buford Boyd Pollett, J.D



Sarah Jones, Hayden Moore, Brian Moore



Barbara McCandless and Beth Hesling

## Our Field Trip to the D.W. Correll Museum

June 25, 2022

Written by Barbara McCandless

D.W. Correll was an ‘eccentric collector’ of... **Stuff!** Our guide, Jean, told us that when he died in 1998, his kids donated everything they didn’t keep, to the City of Catoosa. It might be called hoarding today, however you can’t help but be amazed at the amount of collectibles this man obtained!

First off, you are greeted on the outside of the building by a huge, 8’ x 72’ mural by award winning artist Lance Hunter. This piece depicts the beloved Catoosa resident of the same name and some of the items you will find inside!



It is a wonderful collection of everything from rocks and gems, fossils & more!



There is even a room where you can view a display of florescent rocks and see the effects of both Long-Wave and Short-Wave light on the minerals inside.

We observed a revolving rack of newspaper articles that show a glimpse into the times of construction and businesses in what became the Oil Capitol of the World! There are maps of the tri-state area that pin-point places to go and do you own geological digging. There are decorative bottles/decanter, a model ship, a model oil derrick, coral, seashells, etc... the list goes on and on! Rocks to antique toys and dolls.



When you walk into the second building, you see antique cars that were restored by Mr. Correll, as well as “other items of broad curiosity and antiquity”. There are non-motorized, horseless carriages and old suitcases/trunks, and then, when you turn the corner you see more cars, from 1902 to 1948!



We could have spent more time looking at these things, but in true D&D spirit, it was lunchtime!

Right down Cherokee Street is a restaurant called Las Parrillas that some of us went to. I believe it was good for all of us!



All in all, it was a fun & educational day to spend with other Members enjoying the collection of D W Correll and the others that have partnered and donated their collections for display, as well.

## August 17, 2022 - Membership Meeting Recap by Jody Dixon

During our August lunch meeting, we heard from Auburn Rubitsky, Sr Operations Analyst for Laredo Petroleum. Her presentation revolved around production accounting, discussing production and the well life cycle, daily volume cycle, data capture and the role of integration, the Production Analyst, Daily vs. Monthly Volumes and software solutions.



Auburn Rubitsky

results looking for anything out of the norm. Field personnel look into the discrepancies and works with production accounting to resolve. Field volumes are then reported for use by field personnel and management. One interesting thing to note is that the volumes in the software are all estimates at this point until the statements are received and verified.

Lease Operators are crucial as they are typically the only company resource that have a physical presence on site to maintain wells. SCADA systems, I have to say I think are cool because they provide accurate, real-time data through remote transmission. This helps by overseeing operations, improving efficiency, and reducing downtime. SCADA can automate some routine tasks the were previously handled by the Lease Operators which frees up some of their time i.e. measures flow, monitors tank levels, measures wellhead/meter PSI, sends notifications of outages and detects pipe leaks. SCADA data can also be integrated into the production accounting system eliminating data entry.

By using field intelligence gathered from SCADA, accurate and timely allocations provide the raw material that field data capture applications need to optimize routing operations. This is known as “Dynamic Routing” or “Pump By Exception” and is the process of organizing a company’s field activities based on efficiency. The process is facilitated by technology, leveraging advanced artificial intelligence algorithms that can use cascading logic to prioritize well visits for optimal impact, saving time for the Lease Operator by reducing visits, but money as well.



Beth Johnson, Beth Hesling, Marilyn Trout, Brian Moore, Jake Sherman, Shannon Kenneman

The well life cycle starts with identifying drilling opportunities to find hydrocarbons. Next is to prepare the property for drilling by securing rights and permits. Then, the well is drilled and completed, and production facilities are set up. Once the well is producing hydrocarbons, it is important to monitor and maximize the production. The last stage of the well life cycle is plugging and abandonment within the federal and state requirements.

Daily volume cycle doesn’t sound that involved, but it really is. First, the lease operator and SCADA equipment measure production in the field and record it. Then, production accounting and engineers review the re-



Auburn Rubitsky and Jody Dixon



Jody Dixon, Auburn Rubitsky, Dana Rubitsky, Barbara McCandless

**Our Field Trip to the Tulsa Air and Space Museum & Planetarium  
August 20, 2022  
Written by Jody Dixon and Gay Wheeler**

Space, the final frontier. These are the adventures of the Desk & Derrick Club of Tulsa’s field trip to the Tulsa Air and Space Museum and Planetarium. Its three-hour mission. To explore air balloons, airplanes, fighter jets, space capsules and engines. To hear the stories of days gone by from our experienced guide Mike Clark. To boldly go where no one has gone before during the Destination Mars: The Final Frontier with the Night Sky Tour Live” Planetarium show.



The planetarium show based on Mars was a remarkable visual journey into the final frontier. We explored the work being done around the globe to help make the dream of getting humans to Mars a reality. We were transported through the International Space Station, where astronauts are already living and working in space (only 3 or 4 hours away from Earth), and we discovered the rockets and vehicles that will take humans beyond the Moon and one day, all the way to Mars. Visually zipping across Mars’s red, mountainous, toxic surface was like seeing the craters and old riverbeds from a drone! Did you know Mars was most like Earth and had abundant saltwater on its surface until the magnetic field collapsed billions of years ago allowing solar and cosmic radiation to strike the unprotected planet? Today, water ice can be seen on the surface in the north polar ice cap, but most of the water that exists is in the form of shallow and deep sub-surface ice.

There was SO much to see and we’ve captured only a few of the great exhibits (see next page).

Overall, all ages within our tour really enjoyed their time at the Tulsa Air and Space Museum and Planetarium. If you get the chance to take your family and friends, GO! It’s worth it. Not only will it bridge the age gap between generations, but generations light years away too. Who’s ready for a trip to space!



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The aircraft on display in the Helmerich Exhibit Hall, portray Tulsa’s rich history in the aerospace industry. It was fascinating to see and be able to sit in some of the aircraft, such as the Spartan C-2 plane, produced in Tulsa in the 1930’s, and the F-14 Tomcat fighter jet. The young people on our tour had a great time with the interactive exhibits, especially climbing into the cockpit of the Rockwell Ranger 2000 jet.



Another exhibit with an interesting story was the Tulsamerican B-24 replica. During World War II, Tulsa was selected as the location of a new Douglas Aircraft plant. The employees all pitched in to buy war bonds and were able to pay the cost of the last B-24 bomber produced in Tulsa. The Tulsamerican fought in Europe but unfortunately was shot down over the Adriatic Sea, December 17, 1944.



The oil boom in Tulsa also played a part in Tulsa’s air and space industry. In the 1930’s, Tulsa’s Municipal Airport was one of the busiest in the world. A replica of the 1931 art deco Tulsa Airport Terminal resides at the museum. The art deco sconces, and terra cotta designs were beautiful. Many famous people passed through that building, such as Will Rogers, Amelia Earhart, and Wiley Post. Due to more modern rules and regulations by the FAA and the addition of a new terminal, the building was demolished in 1970.

Desk and Derrick Club of Tulsa



## Membership Meeting & Elections

Thursday, October 20, 2022, 11:30 am

Elgin Park Restaurant

325 East Mathew B. Brady St.

Tulsa, OK 74120

- Please RSVP at [Reservations@TulsaDandD.net](mailto:Reservations@TulsaDandD.net)
- Order what you want for lunch, waitress will do separate tickets.
- Parking on street with meters or free at OSU Tulsa 0.2 miles NW of Elgin Park
- Anyone needing a ride from downtown contact Jill.



*Get Involved!  
Expand Your Network!  
Advance Your Career!*



***Join the Desk and Derrick Club of Tulsa  
2023 Board of Directors.***

**The club needs your ideas and knowledge to  
continue the educational purpose.**

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Director 22-23- candidate  
Director 23-24- candidate  
Immediate Past President – Barbara McCandless

Committees for 2023 are also open. Let us know what  
you are interested in.

Contact Jill Klein [jill@ce2ok.com](mailto:jill@ce2ok.com) or  
Barbara McCandless [barb.mcc23@yahoo.com](mailto:barb.mcc23@yahoo.com)



Please join us at the

# **2022 INDUSTRY APPRECIATION LUNCHEON**

Featuring “Osage Giants” by Guest Speaker  
William R. Lynn, Geologist, Osage Minerals Council

Presented by Desk and Derrick Club of Tulsa

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Wednesday, November 16, 2022

The Summit Club, Tulsa OK

11:30 am – 1:00 pm

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RSVP TO: [reservations@tulsadandd.net](mailto:reservations@tulsadandd.net) by 5 pm on Friday,  
November 11, 2022





**WILLIAM R. LYNN**

**Geologist**

Osage Minerals Council

William R Lynn "Bill", is the Geologist for the Osage Minerals Council. He is married to the mother of his children, Edwina. Both Osage, they grew up on the reservation and live in Pawhuska. They are members of Immaculate Conception in Pawhuska. Bill attended ST Gregory's College and graduated from OSU with a BS in Geology 1986, worked for his father, Roger Lynn and formed Osage Oil Scouts. He was Geologist for Lamamco Drilling Company for 26 years and has been with the OMC for over 4 years now. Bill is a member of the AAPG and TGS. He is a Catechist, 4<sup>th</sup> Degree Knights of Columbus, enjoys gathering data, finding oil, and chairs the Dhegiha Preservation Society, a non-profit that seeks to preserve the language of the Dhegiha tribes.

**Industry Appreciation Luncheon**

Wednesday, November 16, 2022  
The Summit Club, Tulsa  
11:30 am – 1:00 pm

Desk & Derrick of Tulsa  
presents

**OSAGE GIANTS**

Wazhazhe (Osage) are a unique Peoples. We became Christian, built boarding schools to educate our children and have never been at war with the US. We ceded 100 million acres and since treaties didn't work out, purchased our current land we once owned outright from the Cherokees and paid for the first survey. An Osage person laid his blanket on a creek and gave a trader a bottle of Donile, which means rainbow in Osage. It was said an Osage person broke off some prairie grass, stuck it in a crack in the ground, lit it and it never went out. After that, the Indian Territory Illuminating Oil Company ITO leased the entire reservation and drilled the first well in 1897. Two early giant oil fields discovered on the Osage were the Avant in 1904 and the Burbank in 1920. They are still prolific producers, located on opposite sides of the Osage Mineral Estate.

The Avant Pool, in the eastern woodlands of the reservation has produced over 109MBO from the Bartlesville sandstone from around 1700 feet. Standard Oil laid a pipeline and Wolverine, Skelly and Cities Service had huge success through the early years in the Avant. The Avant has gone through gas injection, water flood, Coal bed methane and a sort of enhanced oil recovery has taken place since using short horizontal laterals and water injection.

May of 1920, was the roaring start of the Burbank Pool on the western prairie of Osage where E W Marland first found the 2900 feet Burbank (Redfork & Bartlesville) sandstone. The Burbank wells flowed violently. Oil production in the state peaked in 1927 at just under 300 million barrels because of the drilling activity. The Burbank has turned promising oil companies Phillips, Sinclair and Skelly into successes. The Burbank continues to produce large volumes of secondary and tertiary oil.

Hydrocarbons continue to come out of the Osage rocks from beneath the ground and naturally on the surface as the Osage Nation continues to flourish today.

# Petroleum History



Photo posted with permission from Eric James Haschke submitted by Gay Wheeler

The state's oil boom of the early 20th century began in Bartlesville, Indian Territory, in 1897 when the Nellie Johnstone No. 1 well became the first commercial oil discovery in what would become Oklahoma.

Today you can see the operating replica of Nellie Johnstone No. 1 at Discovery 1 Park located in Bartlesville, Oklahoma. This replica was built using drawings and photos from the late 1800's and early 1900's. This big rig operates just like the real thing with the highlight being the gusher (of high-pressure water) that is reminiscent of the blow-outs of the early oil days. The Nellie Johnstone No. 1 is the only operating and gushing oil derrick of its kind in the world.

For more information on the history the Nellie Johnstone No. 1 visit <https://discovery1park.org/history/>.

# SCHOLARSHIP ANNOUNCEMENT

**The 2022 Scholarship Recipient is  
Hayden Moore, University of Missouri**



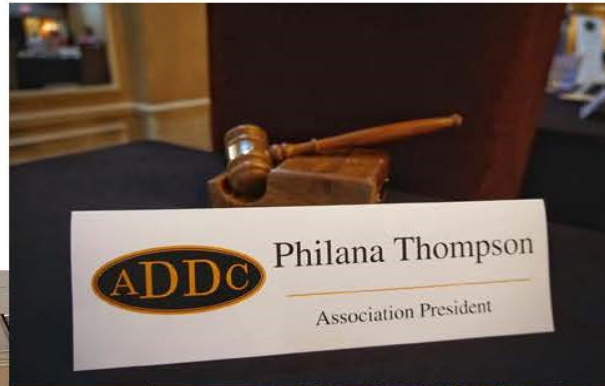
Hayden is the son of Brian Moore, a Desk and Derrick of Tulsa member. Hayden will be a junior this fall at the University of Missouri, pursuing a Bachelor of Science in Natural Resources Science & Management with an undergraduate in Wildlife & Fisheries Management. His hard work has provided him with two internships with the Oklahoma Department of Wildlife & Conservation (ODWC) working with wildlife biologists to study freshwater fisheries management.

In addition to fishing, playing soccer, and spending time outdoors, Hayden serves as a safety officer in the Mizzou Bass Fishing Club, is active in Mizzou's Student Athletic Booster Club (Mizzou Athletics Tigers Lair), participates in the Columbia Church of Christ, volunteers in numerous tutoring programs, serves locally on his church welcome team in Sapulpa, attends mission trips, and has served as Sapulpa Soccer Summer Camp Counselor twice.

Congratulations Hayden, you are an accomplished student!!

# ADDC NEWS

**2022 Annual  
ADDC Convention  
Washington, PA  
Sept. 21-25**





# October 2022

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10 Board Meeting	11	12	13	14	15
16	17	18	19	20 Membership Meeting	21	22
23	24	25	26	27	28	29
30	31 Halloween					



# November 2022

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7 Board Meeting	8	9	10	11	12
13	14	15	16	17 Industry Appreciation Luncheon	18	19
20	21	22	23	24 Thanksgiving	25	26
27	28	29	30			



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A graphic with a blue glow effect containing the text 'Thank you!' in a large, cursive font, 'FOR YOUR' in a smaller, sans-serif font, and 'MEMBERSHIP' in a bold, red, sans-serif font.

Thank you!  
FOR YOUR  
MEMBERSHIP