

DESK AND DERRICK DATELINE

THANK YOU



We did it!

Our region meeting was a huge success because of the women in this photo. Thank you to all of you, plus those unable to be in the photo. It wouldn't have been possible without you. Enjoy this special edition of the bulletin featuring several articles from the region meeting.

May, 2022
Volume 71, Issue 5

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Club Purpose

The purpose of the club shall be to promote the education and professional development of individuals employed in or affiliated with the petroleum, energy, and allied industries and to educate the general public about these industries.

Club Motto

Greater Knowledge - Greater Service

Official Colors

Black and Gold

2022 Board of Directors

President - Nichole Harney
Vice President - Sheila McGaughey
Secretary - Lauren Martin
Treasurer - Jordan Moss

1 Year Director - Jordan Campagna Jackson
2 Year Director - Vickie Young
Immediate Past President - Diana Walker
Parliamentarian - Rena Shaffer

Letter from the Editor

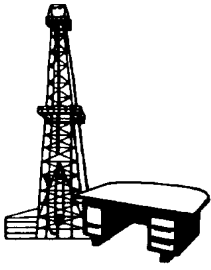
I hope everyone has recovered from our region meeting this past weekend. It's wild how chaotic things can be trying to get everyone and everything accomplished both leading up to the event and during, and then just like that, it's over and everyone has gone home and it's back to real life. That is certainly how I felt as I was driving home on Saturday evening! There is a lot of regional meeting content in this month's bulletin and I hope you all enjoy reading about their perspectives on the different events from the weekend.

I also want to give a HUGE thank you to Sheila McGaughey for taking photos of all of the events for us. You'll see a selection in the bulletin this month, and also on our club Facebook page. Sheila also photographs each monthly meeting and does a lot of design for the bulletin. I appreciate her work so much and I know you all do too.

Next up, we have the golf tournament. Make sure your co-workers and employers are getting their teams signed up before we reach capacity! The golf committee is also still accepting sponsorships. Both the registration form and the sponsorship form are included in this month's bulletin.

Looking forward to seeing everyone at our May membership meeting!

Jordan Campagna Jackson



Association of
Desk & Derrick
Clubs

**Desk and Derrick
Club of Wichita
Falls**

2022 Board

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President
716-5100

**Sheila
McGaughey**
Vice President
716-5340

Lauren Martin
Secretary
723-5585

Jordan Moss
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781-8008

Jordan Jackson
One Year Director
716-5100

Vickie Young
Two Year Director
716-5100

Diana Walker
Immediate Past
President
716-5344

Rena Shaffer
Parliamentarian
234-3307

May 2022

AMAZING! SUCCESSFUL! ONE FOR BOOKS! I'm not sure what else I can say to explain the Central Region Meeting here in our hometown Wichita Falls. I want to give a shout out to everyone in our club that made this possible. Everyone commented how much they enjoyed their time here in Wichita Falls. So, everyone please give yourself a round of applause. I also want to thank Rena Shaffer and Diana Walker Co-GAC's for all the hard work and making sure that everything was running as smooth as possible.

Sheila McGaughey and Jordan Moss planned out very educational field trips all around Wichita County. Even though the wind was blowing 100 mph (only a joke it was more like 30 mph) everyone still had an amazing time getting to the see the world's littlest skyscraper downtown, visiting boomtown and all the old antique equipment, and a steak dinner that you could cut with a plastic knife at Stephen's Engineering warehouse! Shirley Bridwell planned a perfect evening with wine tasting and jeopardy night with a thanks to Horseshoe Bend Winery.

Saturday was full of business meeting and guest speakers and what everyone was waiting for..... The Award Luncheon..... The Wichita Falls Club brough home several awards and they are.....

Best Large Bulletin – 3rd Place – Sheila McGaughey – Desk and Derrick Dateline October 2021

Best Desk and Derrick Article – 2nd Place – Sheila McGaughey – “Are You a Piece of The Puzzle?” – October 2021

Best Industry Program – 2nd Place – Sheila McGaughey – Navigating Through an Ever- Changing Climate – Chad Cummings (Speaker) – July 2021

Best Desk and Derrick Program –3rd Place – Nichole Harney – Desk and Derrick Officer Installation – Barbara Pappas (Speaker) – December 2020

Then they announced the names of the members who were celebrating their 5th, 10th, 20th, 30th, 40th and yes 50th year in the Association of Desk and Derrick Clubs and those are.....

10 Years – Tracy Flynn, Nichole Harney, Stephanie Jones

30 Years – JoAnn Baker, Jennifer Lindemann, Rhonda Steinberger

40 Years – Shirley Bridwell, Doris Sterling, Diana Walker, Betty Wilson

We have some long-time members. It's amazing how committed the Wichita Falls Club is!

During the Region Meeting we also learned that the Central Region will be hosting the 2024 Convention. This will consist of all the clubs in the Central Region pulling together to plan this meeting. The Lone Star Club of Dallas and Ft. Worth Clubs have agreed to host the meeting in the Dallas, Ft. Worth area. So please be thinking of ideas that we can bring to the table.

Our May Membership meeting will be May 18th and our guest speaker will be Kevin Armstrong, a Completions Consultant. He will be speaking to us about "Introduction to Fracturing". Also Mr. Armstrong is the father of Lauren Barrientos. Please contact Diana Walker at DWalker@sjoc.net to make your reservation to join us for this interesting program. Hope to see you all the upcoming meeting.

Nichole Harney



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 2022 ADDC President
 610 Reilly Ave, Farmington, NM 87401
 505-486-1171
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Board of Directors

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Philana Thompson
 Merrion Oil & Gas Corporation

PRESIDENT ELECT
Barbara Pappas
 Cobra Oil & Gas Corp.

SECRETARY
Wendy Sparks
 Carl E Gungoll Exploration LLC

TREASURER
Heather Woods
 Souder, Miller & Assoc.

IMMEDIATE PAST
 PRESIDENT
Evelyn Green
 GBC Minerals, Ltd

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CENTRAL REGION
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Jamie Sabata
 Gardner Cryogenics/ Air
 Products

NORTHEAST REGION
 DIRECTOR
Samuel Thomas

SOUTHEAST REGION
 DIRECTOR
Kathy Martin
 Acadian Ambulance Service,
 Inc

WEST REGION DIRECTOR
Ingrid Burton

May 2022

I have just made it home from my second regional visit. At Budget & Planning this year I asked if I could change what my president's gift could be along with reducing the cost of the president gift. One of the intentions was to apply those funds towards the regional visits. With our last regionals and convention being held in 2019 we felt it was important for the president to visit the regions and visit with members who may not be able to attend the convention. I wanted to hear the questions, suggestions, ideas and also to share what the board was doing to help our association when it came to membership retention, gaining new members and of course education.

I was able to meet with the members of Southeast & Central and not only was the hospitality fantastic, the suggestions and ideas on how we continue to move forward were invaluable.

This week I will be visiting my own West Region meeting, with a virtual visit with the Northeast Region to follow two weeks after!

Some resources I would like to share after attending these first two region meetings:

1. Did you know that you can submit your club bulletins to the ADDC President, and they will have them posted to our website? This is a great resource for gathering ideas on how other clubs are engaging members! <https://addc.org/club-bulletins-news/>
2. Did you know that the region reports for the committees are posted to our website? This year's strategic plan focuses on member retention, gaining members and education opportunities, and your committees are playing a key role in working for a stronger future. <https://addc.org/region-meeting-reports/>

We are working hard updating the website, we had some broken links, and each committee has been tasked with reviewing their areas on the website and letting us know what needs to be fixed. If you find any broken or missing links do not hesitate to reach out to me and let me know they are needing to be updated.

In closing, do not forget that your TAXE1 and 990 forms are due for your Regions and US Clubs before May 15, 2022. Please send your confirmation and filing to Shelly Hildebrant at shellyhildebrant@hotmail.com.

Thank you,
Philana Thompson



Board of Directors

PRESIDENT

Philana Thompson

Merrion Oil & Gas Corporation

PRESIDENT ELECT

Barbara Pappas

Cobra Oil & Gas Corp.

SECRETARY

Wendy Sparks

Carl E Gungoll Exploration LLC

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IMMEDIATE PAST

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Jamie Sabata

Gardner Cryogenics/Air
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NORTHEAST REGION

DIRECTOR

Samuel Thomas

SOUTHEAST REGION

DIRECTOR

Kathy Martin

Acadian Ambulance Service,
Inc

WEST REGION DIRECTOR

Ingrid Burton

Jamie Sabata

2022 Central Region Director

1621 N. Cain Ave

Liberal, KS 67901

Cell# 620-655-6503

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May 2022

Dear Central Region members,

Thank you to all those who were able to attend the Central Region meeting this past weekend! It was so good to see everyone's beautiful faces again! From all the big smiles I seen, it looked like all had a wonderful time! Wichita Falls Club knocked it out of the park with the educational field trips and oh those delicious steaks Balon served for lunch! The ice breaker at the winey did not disappoint either, from the wine tasting to the fun Jeopardy game! I was so pleased with how the business meeting, luncheon and banquet flowed....even with a few flubs. On that note...we haven't met in a few years, so I didn't get to study properly....Ha! Precious memories were made with all the hugs, laughter, and reconnecting! I am so proud to be a Central Region member and thank you so much for allowing me to serve as your 2022 Central Region Director.

CONGRATULATIONS to Val Williams with the Lone Star of Dallas Club, on her election to serve as the 2022 Central Region Director-Elect! She will do an outstanding job as the 2023 Central Region Director with all her ADDC knowledge and experience. I wished I had ½ her knowledge! She is truly an asset to the region and association!

Congratulations to all the AIMEE winners and good luck at convention! Save the date: September 21-25 at Washington, PA. I hope to see many of you there and represent our great Central Region!

The Nominating Committee Chairman, Terry Ligon, has called for Nominations for Association Officers for 2023. Nominations for the office of President-Elect, Secretary and Treasurer are open. The deadline for Nomination forms to be returned is June 17, 2022. Nominees for any Association Office must have served as a Regional Director or have served on the Association Board. Remember - YOUR Association needs you.

Do you know someone worthy of the "Distinguished Member" or "Special Achievement" award? If so, please make sure to submit the proper forms by the July 1, 2022 @ 6PM MST deadline.

In closing, do not forget that your TAXE1 and 990 forms are due for your Regions and US Clubs before May 15, 2022. Please send your confirmation and filing to Shelly Hildebrant at shellyhildebrant@hotmail.com.

Love, Light & Blessings,

Jamie Sabata

Water Management in Mature Reservoirs

Dr. Mahmoud Elsharafi, Associate Professor

MSU Texas

Membership Meeting — April 20, 2022



When you find a partnership that works, you treasure that partnership. I am very thankful for the partnership that the Desk and Derrick Club of Wichita Falls and Midwestern State University-Texas share, they are always willing to assist our club in anyway they can. Due to unforeseen circumstances, my April speaker had to cancel and MSU-Texas graciously accepted our last minute request and provided a speaker. They sent Dr. Mahmoud Elsharafi, an Associate Professor with MSU Texas and I owe him my debt of gratitude for giving us his time since he was right in the middle of theses and dissertations from his graduating students. His presentation was on how to handle excess water production in mature reservoirs and the implications that can arise from having too much water production. First a little bit about Dr. Elsharafi, he completed his PhD from Missouri University of Science and Technology. He is the Associate Professor at McCoy School of Engineering, an Associate graduate Professor for the Geoscience Department, and the coordinator for the Petroleum Engineering Certificate Program at MSU-Texas. He has published several papers in different conferences and journals and also has been serving as a reviewer for different journals. He explained to us the career opportunities available at MSU-Texas and that the students pursuing a Petroleum Engineering Minor will gain the necessary knowledge and skills required to effectively apply petroleum engineering concepts in the oil field.

Dr. Elsharafi began his presentation by telling us that excess water production can be as much as 98% of the material brought to the surface for crude oil wells nearing the end of their productive lives. The treatment of the water associated with hydrocarbon production is a key goal for oil and gas companies because production of salt water has resulted in serious environmental issues. Excess water production can make a well unproductive and economically inefficient, leading both to an abandonment of early wells and a reduction in hydrocarbon production. In addition, excess water increases costs related to scale, corrosion, water/oil separation, and, eventually, well shut-in. Dr. Elsharafi told us that the most common method of eliminating excess water production was through the use of gels. Some of the various gels used in the oil and gas industry are Performed Particle Gels (PPG), Microgels, pH-sensitive Crosslinked Polymers and Bright Water.

Polymer treatments are applied to oil reservoirs to increase oil production and to reduce water production by altering the fluid movement within the reservoir. The use of polymers in Enhanced Oil Recovery was first suggested in the early 1960s. Water soluble polymers are used extensively in various phases of drilling, completion, workover, and production of oil and gas wells. An oilfield that has a waterflood in place or a natural aquifer, will eventually produce water along with oil. Producing both oil and water can cause problems such as corrosion and scale/salt deposits. Excess water is not desirable and gels are highly effective for near-wellbore shutoff of excess water. Unlike cement, gels can be squeezed into the

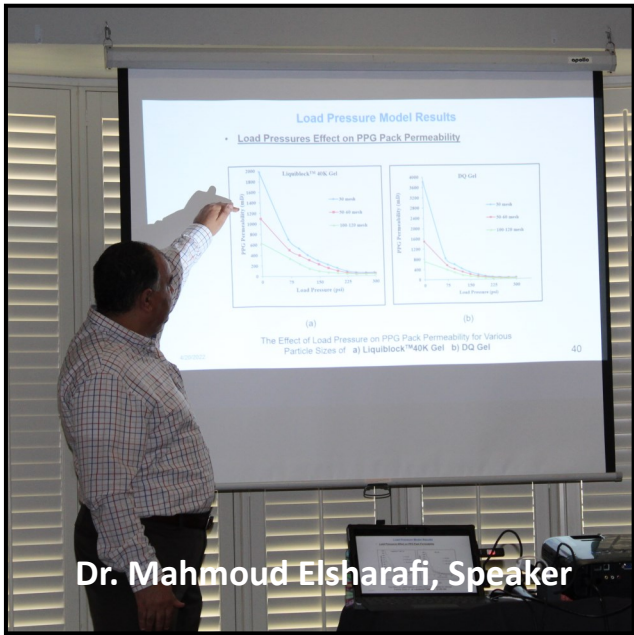
target formation to give complete shutoff of that zone or to reach shale barriers. They have operational advantages over cement treatments because they can be jetted rather than drilled out of the wellbore. Commercial gels can be bullheaded into the formation to treat problems, such as flow behind casing and watered-out layers without crossflow, or they can be selectively placed in the water zones using coiled tubing and a packer.

The example he presented to us was that the present worldwide daily water production from oil wells average roughly three BWPD (barrels water per day) per barrel of oil, although some wells produce significantly higher amounts. It costs money to lift water and then dispose of it. In a well producing oil with 80% water cut, the cost of handling water can double normal lifting costs. Yet, wells with water cuts in excess of 90% may still produce sufficient hydrocarbons to be economical. He stated to us that costs of the excess water climbs as water production increases. Worldwide, there is an estimated 210 million barrels of water produced, accompanied with 75 million barrels of oil. The situation is even worse in the United States, where more than seven barrels of water are produced for each barrel of oil. The annual cost of both treating and removing this water is estimated to be 40 billion U.S. dollars (USD) worldwide. Therefore, water shutoff and conformance control represent a significant financial and environmental challenge for the petroleum industry.

It was a very informative meeting complete with a power point presentation. He concluded the meeting with a brief question and answer session, but he had to keep it short as he was anxious to get back to the college to help get those graduating students their diplomas. Thank you Dr. Elsharafi, we appreciate the time and sacrifice you gave to our club!



Nichole Harney, 2022 President and Dr. Mahmoud Elsharafi, Speaker



Dr. Mahmoud Elsharafi, Speaker

Water Management in Mature Reservoirs

Dr. Mahmoud Elsharafi, Associate Professor

MSU—TEXAS

April, 2022



Chad Cummings—Guest and Lauren Martin



Sheila McGaughey and Jordan Jackson



Jennifer Rodriguez and Lauren Barrientos



Nichole Harney and Shirley Bridwell



Tracy Flynn, Diana Walker
and Jordan Moss



Geneva Wood and
Barbara Franklin



Annaliese Hancock and Ashley Pierce



Stephanie Jones, Barbara Pappas
and Rena Shaffer



Chad Cummings—Guest and
Dr. Mahmoud Elsharafi—Speaker

Central Region Meeting Report

The 2022 Central Region Meeting is officially over. Great Big Thank you to all our members that assisted in making this a very successful meeting! I think everyone really loved their Wichita Falls tote bags filled with goodies. Thank you to Shirley Bridwell, Barbara Franklin, Barbara Pappas, Nichole Harney, Sheila McGaughey, and Diana Walker for being there to welcome our guests.

Sheila McGaughey - excellent job setting up our field trip and meal prepared by Balon Corporation. Sheila, Jordan Moss, Nichole Harney, and Ashley Pierce gave us quick history lessons between each destination and made sure our guests were well taken care of. I heard so many great comments about the Littlest Skyscraper, Felty Outdoor Museum, Quasar Energy Services, Stephens & Johnson Yard, and MSU Kimbell School of Geosciences. If you're on Facebook, you saw (and continue to see) all the posts and comments!

The Ice Breaker at the winery was a lot of fun with wine, Branding Iron BBQ, wine, games, and more wine! Thank you to Shirley Bridwell, Bud Bridwell & Kirk Shaffer for picking up the food and having it all set up for us to enjoy, and to Casie Mass for making sure our decorations were on the tables and the wine bottles lit up for our guests. Friday's field trip and ice breaker were a huge success!

And then to the business meetings – I really appreciate everyone pitching in to make sure the room was set up for the business meeting, awards luncheon, and banquet. Lauren Barrientos, Shirley Bridwell, Tracy Flynn, Barbara Franklin, Nichole Harney, Jordan Jackson, Casie Mass, Sheila McGaughey, Ashley Pierce, and Diana Walker – you were all The Best in making sure the tables were decorated for each event and packing everything up afterwards. What a team!!! If I missed anyone that helped at each event, I apologize, but please know that I do appreciate all of you.

Now everyone can take a deep breath, a long rest, get back into your regular routine....and we'll do it again....in TEN YEARS!

Hugs, Rena Shaffer



Desk & Derrick Club of Wichita Falls

*(From left to right)
Nichole Harney, Diana Walker,
Barbara Pappas, Tracy Flynn,
Lauren Barrientos, Barbara
Franklin, Shirley Bridwell,
Ashley Pierce, Rena Shaffer,
Jordan Campagna Jackson,
Sheila McGaughey*

First Time Attendee Sees Benefits of Desk and Derrick

By Ashley Pierce

Most of you, I still don't know very well. After this weekend, I've had the pleasure of getting to know a few of you a bit more. What I can tell you about myself, is that I absolutely love to learn things. I am a wealth of useless information. So, I am sure that you can understand how frustrating it was for me, when I started at Burk Royalty in December, to find I knew so little of the oil and gas industry. I wasn't quite sure how I was going to try and go about learning more, until a co-worker invited me to join Desk & Derrick. Every meeting I have attended, I have tried to understand as much as possible. This past weekend, though, I felt like a sponge, and just sat there and soaked it all in. I had so much fun and know so much more now. Sometimes, seeing things makes what you are being told all come together. The field trip was incredibly valuable to me in this way. I wasn't sure if I would participate in the rest of what the weekend had to offer but decided to sacrifice this time with my family to at least see what it was all about. At the icebreaker, I had so much fun getting to know the ladies from Fort Worth and Tulsa. Then, on Saturday I felt like it gave me a better understanding of the Association as an organization. Now that I have spent this weekend with you all, I feel very fortunate to have found Desk and Derrick and am looking forward to continuing my membership. After all, I have found Val's words to be true, "There is no other organization that can match Desk and Derrick in the efforts of education." So obviously a knowledge hoarder such as I simply must be a part of it.



Top Left Banquet attendees pause from visiting to take a group photo. All are from the Wichita Falls club with the exception of West Regional Director Ingrid Burton, top left, and guest Bud Bridwell, center.

Top Right The winners of Jeopardy, the SNS Winos. This table was made up of members from Tulsa, Fort Worth, and Wichita Falls.

Bottom Left All of the members attending a region meeting for the very first time. Three members from the Wichita Falls club are represented in the photo.

Ice-Breaker Forges New Friendships Among Strangers

By Jordan Campagna Jackson

I'll be honest. I almost didn't attend the regional meeting. I joined Desk & Derrick in 2018 at the same time that I entered the industry just because it sounded like a fun way to get out of the office for a little while. It wasn't until Wichita Falls was going to host the meeting that I considered attending for the first time.

Well, okay, that's a lie. I was going to go to New Orleans last fall but there was a hurricane. The point is that this was my first event since becoming a member and I almost didn't sign up. I was a first timer. But I almost wasn't.

Right before the deadline, I suddenly found myself no longer in the industry, having done a complete and unexpected 180* into arts management. Knowing I was no longer in the energy industry, I just wasn't sure if I wanted to attend. I thought it would be awkward. I thought people might ask questions. I thought I just wouldn't enjoy myself or get any value from the weekend.

I wasn't even sure if I was going to stay in Desk & Derrick beyond this year. I knew I couldn't quit mid year due to board commitments, but I just didn't know how "all-in" I wanted to go if I was considering stepping down at the end of the year.

Except I had joined the planning committee. I had no choice. I had to register. I wouldn't say I was dreading the meeting, but I also wasn't thrilled about it. Honestly, I mostly was looking forward to an excuse to visit the winery.

So there I was.

No longer in the industry. Worried that I would be a very obvious "odd [wo]man out." Signed up for a weekend business meeting for an organization that I might not even be in next year.

Sounds fun, right?

It's Friday night. I'm pretty sure I need to be in Iowa Park by 5:30 pm but I had to run an errand beforehand so I was sure I would be late. I should have read the itinerary because things didn't kick off until 6 so I made myself useful helping with setup.



Half of team "Shenanigators" listening to Tammy Garth, far left, share a story. Others at the table include Jordan Campagna Jackson, Ingrid Burton, and Michelle Burgard. The team name was inspired by the matching shirts that Jamie Sabata and Tammy Garth were wearing.

Continued...

When the bus arrived, I didn't really think about where I'd set my things and I didn't consider relocating them to a table with those from the Wichita Falls club. When I finally did go back to my things, I found myself alone at a table with seven women I had never met.

Val Williams. Tammy Garth. Jamie Sabata. Kay McKinley. Michelle Burgard. Wendy Sparks. Ingrid Burton.

I knew some names, but I did not know them. Since I didn't know them, I also didn't know what I was signing up for.

I was signing up for Val leaping across the table to steal peoples' chocolates. I was signing up for Tammy and Jamie's shenanigans. I was signing up for Michelle deciding I was her new best friend and sharing her bottle of wine with me. I was signing up for Kay telling the table that Wichita Falls is the club with the "awesome" bulletin. I was signing up for Ingrid questioning me about my motivations in joining Desk & Derrick in the first place. I was signing up for a Jeopardy team that definitely should have won because we knew every single answer.

I was signing up for people that I don't want to never see again.

I had never met these women, but within minutes, I didn't feel like a third wheel at a table of long-lost friends. I felt like one of them.

I think it can be hard for first timers to make connections that make them want to keep attending meetings.

I found the secret, though.

Sit with people you don't know. Talk to people you don't see every day. Meetings are what you make them. Connections can't happen if you don't help to spark them.

I heard many talking about how their first convention "hooked" them,, but I'm hooked just after this region meeting.

So, Wichita Falls club, don't worry. I'm not going anywhere, except to more meetings and conventions.



More photos of Jordan's time at her first regional meeting. She made plenty of time for new friends and old friends alike and even made new friends from the Wichita Falls club.



First Timer Embraces Pin Trading

By Lauren Barrientos

I recently joined Desk & Derrick and I've come to the realization I should have joined a lot sooner! I got to experience my very first Region Meeting in April and it was great. As a first timer- I was given a front row seat to new opportunities to learn about the industry, make new friends and just have some fun!

Starting with registration, I gladly picked up my cute new swag bag and went on my way. Included in the swag bag was a lanyard and badge. My badge displayed my name and company but also in bold highlighted letters the words "FIRST TIMER". I think I even said out loud- "Did you guys have to put first timer on here?" Turns out it worked in my favor! After the business session and awards luncheon that Saturday, I was able to quickly collect some pins to add to my naked badge. It's my understanding that these pins get traded like the ones at Disney World-how fun! In a matter of a few minutes, I was given 8 Desk & Derrick pins to display proudly on my badge. My first being the pin to represent the Wichita Falls Desk & Derrick Club. Following the Wichita Falls pins, I acquired pins from the Fort Worth Club, two from the Lone Star Club of Dallas, Desk & Derrick Club of Lafayette, Desk & Derrick Club of Bakersfield, Laurel Mississippi Desk & Derrick, and a shiny new ADDC pin.

I plan to build on this collection and initiate some trades at our next get together. Huge thanks to all the lovely ladies who shared a pin or two. I'll be glad to return the favor as my collection grows!



Natural Gas Becomes a Valuable Energy Source

By Alex Mills

Demand for natural gas has surged in recent years as economies around the world realize its value.

Consumers in the U.S. use natural gas to warm their homes, cook dinner and in some cases as a transportation fuel. Its largest consumers, however, are electric utilities.

The Energy Information Administration (EIA) expects U.S. total consumption of natural gas will average 84.1 billion cubic feet (Bcf/d) in 2022, up 1% from 2021.

“The increase in U.S. natural gas consumption is a result of colder forecast temperatures in 2022 compared with 2021, which results in more consumption in the residential and commercial sectors,” EIA stated in its monthly report for March. “In addition, we expect the industrial sector to consume more natural gas in 2022 in response to expanding economic activity.”

A growing part of the natural gas business is exports of liquefied natural gas (LNG) from the U.S. to other countries. In March, U.S. LNG exports averaged 11.9 Bcf/d, an increase of 0.7 Bcf/d from February.

“LNG prices in Europe remain high amid supply uncertainties due to Russia’s further invasion of Ukraine and the need to replenish Europe’s natural gas inventories, which has kept Europe’s demand for LNG elevated,” EIA stated. “Inventories in Europe were 26% full as of March 31, compared with the five-year average of 34%. We expect high levels of U.S. LNG exports to continue in 2022, averaging 12.2 Bcf/d for the year, a 25% increase from 2021.”

EIA estimates U.S. natural gas inventories ended March at 1.4 trillion cubic feet (Tcf), which is 17% below the five-year (2017–2021) average. Inventory withdrawals in March were 203 billion cubic feet (Bcf), resulting from relatively flat production and rising natural gas exports.

“We expect natural gas inventories to increase by 245 Bcf in April, as the injection season begins, ending the month at about almost 1.7 Tcf, which would be 14% below the five-year average for this time of year,” EIA said. “We forecast that natural gas inventories will end the 2022 injection season (end of October) at 3.5 Tcf, which is 4% below the five-year average.”

In March, the Henry Hub natural gas spot price averaged \$4.90 per million British thermal units (MMBtu), which was up from the February average of \$4.69/MMBtu. EIA expects the Henry Hub price will average \$5.68/MMBtu in 2Q22 and \$5.23/MMBtu for all of 2022. Natural gas closed at \$6.86 on April 26.

EIA forecasts U.S. production to average 96.9 Bcf/d in April and average 97.4 Bcf/d for all of 2022, which is a 3.8 Bcf/d increase over 2021.

Even though EIA believes natural gas consumption will increase 1% this year, it will lose 2% of the electricity generating business to wind and solar. Natural gas generation is expected to drop from 37% in 2021 to 35% this year. EIA said electricity generation from renewable energy sources will rise from 20% in 2021 to 22% in 2022.

-30-

Alex Mills is the former President of the Texas Alliance of Energy Producers

Petroleum Companies Report Higher Earnings During First Quarter 2022

By Alex Mills

\$100 crude oil has resulted in a sharp reversal of finances throughout the oil and natural gas industry.

International integrated companies – such as Exxon Mobil Corp. and Chevron – reported strong first quarter earnings as did international service companies Schlumberger and Halliburton. Valero, a large Texas-based company in the refining sector, also reported increased revenues during the first quarter 2022.

However, companies with operations in Russia will be hit hard as they cease operations because of Russia's invasion of Ukraine.

Exxon Mobil reported earnings estimate of \$5.5 billion, which included an unfavorable identified item of \$3.4 billion associated with the company's planned exit from Russia.

First-quarter 2022 results compared to fourth-quarter 2021 include upstream \$4.5 billion compared to \$6.1 billion, downstream \$300 million compared to \$1.5 billion, and chemicals \$1.4 billion compared to \$1.9.

Production declined 4% during the first quarter to 3.7 million barrels of oil equivalent per day.

Chevron Corporation reported earnings of \$6.3 billion for first quarter 2022, compared with \$1.4 billion in first quarter 2021.

"First quarter financial performance saw return on capital employed increase to 14.7 % and our balance sheet strengthens further," said Mike Wirth, Chevron's chairman and chief executive officer. The company's debt ratio and net debt ratio declined to 16.7 and 10.8 percent, respectively.

"Chevron is doing its part to grow domestic supply with U.S. oil and gas production up 10 percent over first quarter last year," Wirth said. Permian Basin unconventional production grew to a record 692,000 barrels of oil equivalent per day in the first quarter, as the company raised its 2022 guidance to 700,000 - 750,000 barrels per day, an increase of over 15 percent from 2021.

Schlumberger reported a 14% increase in revenue to \$5.96 billion, beating the Fact Set consensus of \$5.91 billion as North American sales grew 32%.

Halliburton said revenue rose 24% to \$4.28 billion. North America revenue surged 37% in the first quarter to \$1.9 billion, while international revenue was up 15% to \$2.4 billion.

Valero's refining business reported a first-quarter operating profit of \$1.45 billion as total throughput rose to 2.8 million barrels per day from 2.4 million barrels per day a year ago. Valero said its per-barrel margin increased to \$12.74 from \$6.91.

The strong showing of earnings comes just two years after the crash of demand in 2020 sending prices of crude oil and natural gas into negative territory briefly and all of these companies reporting losses.

Some members of Congress have criticized the oil and gas industry during this recent period of higher prices, and the Biden administration has accused the industry of price manipulation and "price gouging."

But if the oil industry can control oil prices, why does the price of oil decline and oil companies lose money? The answer is oil prices are traded around the world every day by millions of companies and individuals based on supply and demand issues. Currently, demand is high and supplies are down, meaning the price of oil and natural gas is up as are the earnings of petroleum companies.

2022

HONORS RECOGNITION BANQUET

MSU—TEXAS

Honoring Student Leadership & Academic Success

April 22, 2022



Rena Shaffer and myself attended the MSU-Texas Honors Recognition Banquet held at the Gerald Stockton Court on Friday, April 22, 2022. It was an honor to represent the Desk and Derrick Club of Wichita Falls for the scholarships that our club presents to the students of the Kimbell School of Geosciences.

MSU-Texas Interim President, Dr. James Johnson welcomed all the guests and gave a sincere thank you to the donors for their generous contributions. The scholarships given by our club are given to the highest qualifying students chosen by the professors of the Kimbell School of Geosciences. It was a privilege to see the student leadership, academic success and impressive accomplishments of all the students being honored at this reception.

Submitted by:

The Education Committee

Sheila McGaughey and Rena Shaffer



MAY



i can see clearly now the rain is gone

2022

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3 Board Meeting	4	5 Cinco de Mayo	6	7
8	9	10 Barbara Franklin	11	12 RSVP Deadline	13	14
15 Mother's Day	16	17	18 Membership Meeting	19	20 Golf Tournament	21
22	23	24	25	26	27	28
29	30 Memorial Day	31	1	2	3	4

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Don't forget to sign up for the annual golf tournament!

Forms are available at the back of the bulletin.





2022

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
29	30	31	1	2	3	4
5	6	7 Board Meeting	8	9 RSVP Deadline	10	11
12	13	14 Flag Day	15 Membership Meeting	16	17	18
19 Father's Day Juneteenth	20	21 First Day of Summer	22	23	24	25
26	27 Jessica Cain	28	29	30	1	2

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2022 Convention & Conference

September 21 - September 25, 2022 in Pittsburg, PA

We hope as many of you as possible make the trek to Pittsburg for our 2022 convention!

MSU Texas—Dillard College of Business Administration

MSU Centennial Celebration 1922-1934

March 24, 2022



The Dillard College of Business Administration hosted their MSU Centennial Celebration on March 24th. It was their way of recognizing a few of the companies that helped build Wichita Falls and MSU Texas. They wanted to identify some of the companies that made key contributions to the regional economy and who continue serving our community. It was great to hear all the old stories of how all these businesses got their start and the impact that each one contributed, along with a laugh or two. The companies that were spotlighted were filled with very interesting stories from the past.

Here is a list of the Wichita Falls companies founded 1922—1934:

- | | |
|----------------------------------|---|
| 1922 North Texas State Hospital | 1927 Fain McGaha Oil Corp. |
| 1924 Zales | 1929 Burk Royalty |
| 1925 Boley-Featherston Insurance | 1930 White's Stores |
| 1925 Taylor-Foundry | 1932 Magic-Aire / United Electric Company, L.P. |
| 1926 Empire Paper | 1934 Stephens Engineering / Stephens & Johnson Operating |
| 1927 Bridwell Oil Company | |

1927 Bridwell Oil Company

Presented by Trent Henderson—Geologist (husband of former member Kayla Henderson)

Trent Henderson, Geologist at Bridwell Oil Company, gave us a brief history on Joseph Sterling Bridwell, owner and founder of Bridwell Oil Company. He came to Wichita Falls from Missouri as a barbwire stretcher. He had a love for real estate and ranches. He owned a ranch near Burkburnett that he sold to the government for \$1.00, which is now Shepherd Air Force Base. That dollar bill is framed and hanging



on the wall at their office. Mr. Bridwell also made contributions to Bridwell Towers—United Regional Health Care Services; J.S. Bridwell Agricultural Center; and the Bridwell Auditorium at MSU Texas.



Mr. Bridwell loved and cared for his employees. In the 1960's, he offered a challenge to all his employees that if they would stop smoking for 9 months, he would then give each of them

\$100 dollars, which is equivalent to \$1,000 dollars today.

1927 Fain McGaha

They have a lot of history around Wichita Falls, but unfortunately they could not make the presentation.

1929—Burk Royalty

Presented by Tommy Kimbell

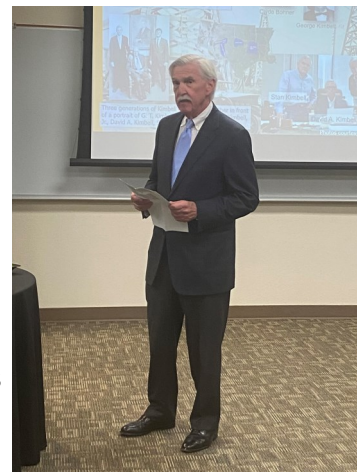
George T. Kimbell was born April 19, 1901 in Pittsburgh, Texas, and worked as a cowboy for the large ranches in Clay County until 1922. He was then hired to manage the Bradford Supply store in Burkburnett, Texas. In 1927, he and John Bostic bought an old lease, junked it, and started the Kimbell-Bostic Supply Company in Burkburnett. Kimbell-Bostic Supply bought the bankrupt American Refining Company in Wichita Falls, junked the refinery out and moved its offices there around 1935.

In the meantime, Kimbell and Bostic had joined with I.E. Harwell in 1929 to form a partnership known as Burk Royalty Company. In 1935, Burk Royalty moved to Wichita Falls and Clyde Bohner bought out Harwell.

Some of G.T. Kimbell's labor policies were ahead of their time. He never docked his workers for being sick and when the price of oil in East Texas hit ten cents a barrel, he shut his leases in but kept his pumpers on the payroll.

G.T. Kimbell was a hard worker. He started with zero capital. He used to say that the most difficult thing he'd done in his whole life was to accumulate that first \$5,000 of savings.

George T. Kimbell lived in uncertain and sometimes harsh times, but he taught his son that you can only do what you can do.



1934—Stephens Engineering / Stephens & Johnson Operating Company

Presented by Bruce Robertson—Petroleum Engineer

Mr. Robertson started off his presentation telling us that Stephens Engineering / Stephens & Johnson Operating Company was owned and operated by Fred Stephens and Joe L. Johnson, Jr. and giving us a brief description of both men.

Fred Stephens graduated from The University of Texas in 1949 with a BS in Petroleum Engineering. He was working on a drilling rig as a roughneck in Wink, Texas. He accepted an engineering job with Joe Cable in 1949. He went from making \$225 a month on a drilling rig to \$175.00 as an engineer. Fred started Stephens Engineering in 1959 and bought out Joe Cable who had been his partner since 1957. In 1961, he hired Joe L. Johnson, Jr. to become a partner in the firm.

Joe L. Johnson, Jr. graduated from Texas A & M in 1951 as a Petroleum and Mechanical Engineer. He was working for Phillips Petroleum in Phillips, Texas. Fred and Joe partnered to form S & J Operating Company and began purchasing oil and gas producing properties, as well as operating properties for others and consulting engineering.

Bruce entertained the crowd with stories of Fred and Joe. For instance, in the early 80's—computers were being installed in the office and Joe did not want one. He was accustomed to his 10 key and slide rule and wasn't about to change. Bruce and Joe were trying to figure out pumping unit problems, but which was faster "old school" or modern technology? Joe told Bruce, "Go to your office and do a pumping unit calculation. By the time you get there, boot up your computer and load the program, I'll have the answer on my slide rule". Ten to fifteen minutes later, Joe came over with a big grin. He had the answer before Bruce could even get started. He never let Bruce live that down.

Mr. Robertson also told us about how Fred was always coming up with one-liners, they called them Fred-isms. Here is a list of some of the Fred-isms, hope they make you laugh.

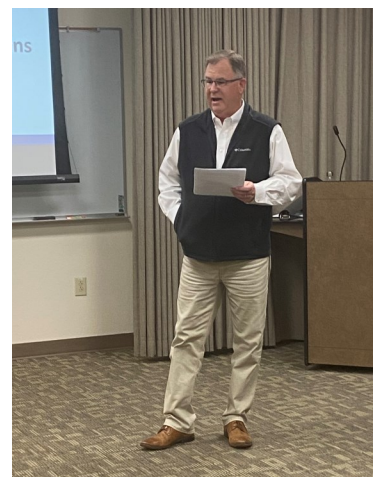
"I couldn't afford to be in the cattle business if I wasn't in the oil business"

"Boys we got to be careful or we could be going to the Christmas party wearing straw hats and tennis shoes" (When oil hit \$10 a bbl. in 1999).

"He is richer than Ben Gump!" (No one had ever heard of Ben Gump)

"I'd rather be lucky than smart any day"

"If you run with the dog's, you're gonna get fleas"



“If we had a crystal ball that could tell us what the price of oil is gonna be—we’d be rich”

And one that the employees at Stephens still say today *“We have met the enemy and the enemy is us”*.

Mr. Robertson concluded his presentation by saying that Fred and Joe both modeled good work ethics, integrity and strong family values. They both have made generous donations over the years to Wichita Falls, MSU and their respective universities.

It was fascinating listening to everyone’s tales of life in Wichita Falls in the early 1900’s. These early settlers with extremely diverse backgrounds had one goal: to build these companies to support their families, but in the long run turned out to be highly successful companies. They were truly successful in building this wonderful city that we are fortunate enough to call “home”.

It was an honor to hear about the oil and gas companies of the past, the booms along with the busts, but also to know the companies are still striving today. It was captivating to me on how each of the oil and gas pioneers had a deep respect for and valued their employees. There is and always has been a great fascination with the petroleum oil and gas history, “Thank you, MSU” for a glimpse into the past and reminding us of these great pioneers.



Back Row: Jeannie Ralston, Jerry Johnson, James Tart, Josh Mathiesen, Bruce Robertson, Tom Stephens, Kathleen Stephens, Ted Smith, Jeff Ritchie, Cristi Veitenheimer and Bob Gilmore.

Front Row: Jeffery E. Stambaugh (Dean, Dillard College of Business Admin.), Nan Johnson, Denise Henderson, Sheila McGaughey, Mike Kincaid, Jim Tull and Max Vordenbaum.

Sidenote to this article: *The Texas Petroleum— The Unconventional History*, by Mike Cox has a story about Burk Royalty Co., Ltd. This article shows the true character of one of these great pioneers, Mr. George T. Kimbell.

In it he says: Kimbell’s son, David, remembers his father for his sense of duty.

“My most vivid memory was of him coming home after two weeks of working without sleep after the New London School Disaster,” Kimbell said, referring to the devastating 1937 natural gas explosion beneath the public school in the East Texas town of New London, killing hundreds of students and teachers. “Every company shut down and furnished men and equipment. It made quite an impression on me to see how unselfish the men and companies were.”

**Desk and Derrick Club of Wichita Falls
Membership Meeting**

May 18, 2022

The Forum, 2120 Speedway Avenue

**Presiding: Nichole Harney
Cobra Oil & Gas Corp.**

**Invocation: Rena Shaffer
Eagle Oil & Gas Co.**

**Introduction of Guests: Sheila McGaughey
Stephens Engineering**

**Introduction of Speaker: Lauren Barrientos
Stephens Engineering**

**Program: Kevin Armstrong
Completions Consultant**

“Introduction to Fracturing”

Reservations should be emailed to Diana Walker

Email: dwalker@sjoc.net

or call/text Cell: 940-636-0971 or Office: 940-716-5344

Reservations Deadline: 4:00 pm—May 12th

Cost \$19.00

RESERVATIONS MUST BE MADE

If you make a reservation and do not attend, you are still responsible for payment.

(If paying by cash, please bring exact change)

**DESK AND DERRICK CLUB
OF WICHITA FALLS, TEXAS**

**Annual Spring Classic Golf Tournament
Friday, May 20, 2022**

The Champions Golf Course at Weeks Park

4400 Lake Park Drive, Wichita Falls, TX (view at www.weeksparkgolf.com)

"North Texas Scramble" with each foursome playing the best ball.

(only one "A" player per foursome)

ENTRY FEES: \$85.00 per person includes green fees, carts, meals, door prizes and mulligans (Limit 2 mulligans per person).
\$25.00 Per Team for a Red Tee (Limit 1 per team)

TIME: Be at the course by 8:00 AM for instructions, carts, score cards, etc.
Shotgun Start - Tee Off at 9:00 AM

LUNCH: Provided on course

**GOLF &
DOOR PRIZES:** *Awards will be given after completion of tournament.*

DIRECTIONS: Weeks Park is located at 4400 Lake Park Drive in Wichita Falls between Midwestern Parkway and Southwest Parkway.

Please fill out this form and mail it along with all four (4) entry fees by **MAY 12, 2022** to:

COBRA OIL & GAS CORPORATION, P.O. Box 8206 Wichita Falls, Texas 76307

Please make all checks payable to: **DESK AND DERRICK CLUB OF WICHITA FALLS**

Come out and enjoy the fun! If you have any questions, call Vickie Young or Tracy Flynn at 940-716-5100. Email: vickie@cobraogc.com or tracy@cobraogc.com

DESK AND DERRICK GOLF TOURNAMENT ENTRY FORM

TEAM NAME: _____

<u>PLAYER NAME</u>	<u>Entry Fee</u>	<u>Cell Phone #</u>
1. _____	\$ _____	_____
2. _____	\$ _____	_____
3. _____	\$ _____	_____
4. _____	\$ _____	_____
<u>RED TEE - \$25.00</u> (1/Team)	\$ _____	
Total Paid	\$ _____	



DESK AND DERRICK CLUB OF WICHITA FALLS

Annual Spring Classic Golf Tournament Friday, May 20th, 2022

The Champions Golf Course at Weeks Park
4400 Lake Park Drive, Wichita Falls, Texas

9:00 am Shotgun Start

┌ **Breakfast and Lunch provided. Each player gets a door prize.** ┘

SPONSORSHIP FORM

◇ **\$1,000 Platinum Sponsor**

- ▶ Advertised on all media
- ▶ Tee Box signage

◇ **\$500 Gold Sponsor**

- ▶ Advertised on all media
- ▶ Tee Box signage

◇ **\$250 Silver Sponsor**

- ▶ Advertised on all media
- ▶ Tee Box signage

◇ **\$150 Tee Box Sponsor**

- ▶ Advertised on all media
- ▶ Tee Box signage

◇ **\$_____ Donation**

- ▶ Advertised on all media

Name on Sign/Program: _____

Company: _____ Tel #: _____

Street: _____ Email: _____

City/Town: _____ State: _____ Zip: _____

Make check payable to **DESK AND DERRICK CLUB OF WICHITA FALLS**

Mail form & payment to:

Cobra Oil & Gas Corporation

P.O. Box 8206

Wichita Falls, Texas 76307

Questions?

Call Vickie Young or Tracy Flynn

940/716-5100

Email: vickie@cobraogc.com or tracy@cobraogc.com

DESK AND DERRICK CLUB OF WICHITA FALLS

The Desk and Derrick Club of Wichita Falls, Texas is excited to host its Annual Spring Classic Golf Tournament this year on **May 20th**!

Desk and Derrick is part of an international non-profit organization who is a premier provider of energy education and professional development with a purpose to promote the education and professional development of individuals employed in or affiliated with the petroleum, energy and allied industries, and to educate the general public about these industries as well as the companies and global communities the members serve.

Covid restrictions limited our community involvement, but for several years we have sponsored the Mobile Oilfield Learning Unit (MOLU), a hands-on traveling exhibit, for local elementary students. Our members have also given presentations at Region 9 - Texas Living History Day and Desk and Derrick supplied those students with Energy Activity Books.

We continue to provide scholarships annually to four Midwestern State University students majoring in the energy industry. We also donate to Project Back to School, a nonprofit organization that provides free school supply kits, backpacks and uniform shirts for economically disadvantaged children.

We are inviting you and asking for your support, either through golfing or providing sponsorship for our tournament. Players are provided both breakfast and lunch and each golfer receives a door prize! Enclosed are the Golf Tournament Entry form and the Sponsorship form.

Thank you for your support and we look forward to seeing you tee off on May 20th!

Sincerely,

Vickie and Tracy
Co-Chairman

Desk and Derrick Club Golf Tournament Committee
Enc.

Questions: 940-716-5100

Vickie Young or

Tracy Flynn

vickie@cobraocg.com

tracy@cobraocg.com

