

DESK AND DERRICK DATELINE

Make Plans Now to Attend.....

Our Industry Appreciation Luncheon of
the Desk and Derrick Club of Wichita Falls
Wednesday, October 20, 2021—12 Noon



Speaker: Cye Wagner

Chairman of the Board of the
Texas Alliance of Energy Producers



August, 2021
Volume 70, Issue 8

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*The first pumpjack structure
was installed at an oilfield near
Hull, Texas.*



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

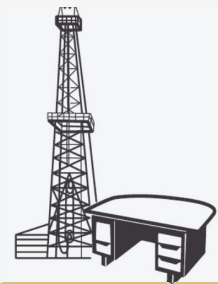
Official Colors

Black and Gold

2021 Board of Directors

President—Nichole Harney
Vice President—Casie Mass
Secretary—Jessica Cain
Treasurer—Lauren Martin

One Year Director—Barbara Franklin
Two Year Director—Jordan Jackson
Immediate Past President—Diana Walker
Parliamentarian— Rena Shaffer



From the Editor:

I do love this industry! It is a field where you are constantly learning something new and interesting. Our membership meetings are always filled with interesting and insightful speakers to teach and entertain us, an abundance of information!

I didn't grow up around the oil and gas industry. My first recollection of the oil field was when I was a young girl, I have fond memories of sitting in front of the TV watching Beverly Hillbillies, the theme song is forever stuck in my head. Ok, you know you want to sing it, "Come and listen to my story about a man named Jed, A poor mountaineer, barely kept his family fed; and then one day he was shooting at some food, and up through the ground come a bubblin' crude. Oil that is, black gold, Texas tea." Bring back memories? This makes me think about the many names for oil: Texas tea, black gold, coal oil, crude, fossil oil/fossil fuel, oil, petrol, petroleum, plus bubblin' crude! Whatever you want to call...it is our livelihood!

Also, I love traveling and seeing a field of pumpjacks, especially if they are pumping! Have you ever thought about the history of a pumpjack? Here is your 'Did you know?'...

Every since the first well was discovered in 1859 by Edwin Drake in Pennsylvania, there has been a need to "pump" the oil out of the ground. The first ones were steam-powered and wooden. With the decline of East Texas timber supplies and sawmill business, the Lufkin Foundry and Machine Company discovered new opportunities for the industry. In 1925, technology and time changed the oil industry, when the first basic design was put together by Walter C. Trout, employee of the Lufkin Foundry, the inventor himself commented that "it was a funny looking, odd thing and that it was subject to ridicule and criticism". The first pumpjack structure was installed at an oilfield near Hull, Texas. The pump jack has been given so many different names over the years. donkey, nodding donkey, grasshopper, horsehead, thirsty bird, rocking horse, Big Texan, oil horse, dinosaur, pumping unit and oil bird. No matter the name, I love to see a field full of pumpjacks and their relentless bobbing motion is indeed a sight to see! On a lazy summer day, the sound and motion can be almost hypnotic to me.

We are fortunate to be in such an amazing industry where the possibilities of learning are endless.

Enjoy your summer and I will leave you with one more Beverly Hillbillies reference.....Y'all come back now, y'here!!

Sheila McGaughey



Association of
Desk & Derrick
Clubs

**Desk and Derrick
Club of Wichita Falls**

2021 Board

Nichole Harney
President
716-5100

Casie Mass
Vice President
716-5100

Jessica Cain
Secretary
631-1597

Lauren Martin
Treasurer
723-5585

Barbara Franklin
One Year Director
613-3600

Jordan Jackson
Two Year Director
716-5100

Diana Walker
Immediate Past
President
716-5344

Rena Shaffer
Parliamentarian
234-3307

August 2021

Can you believe its already August? School is less than two weeks away. I hope you all have had a great summer and got to experience some fun vacation trips with the family. I don't know about you but I'm ready for Fall.

At the Board meeting, the Board approved Nelva White and Shirley Bridwell as the Audit Committee. Thank you, ladies, for stepping up and serving on this committee.

I would like to announce that we have a new member in the group. Her name is Annaliese Hancock. She works at Burk Royalty. So please take a moment at the next meeting to welcome her. A little side note, she is the niece of Vickie Young.

I am still looking for a Nominating Committee! This committee consist of one chairman and two members. You will call and ask members to hold a position on the Board for the 2022 year. If you have not served on this committee this would be a great opportunity to get to know your club and members better. They will be looking for members to serve as President, Vice President, Secretary, Treasurer, and Two-Year Director. If you would like to serve on the Board next year, please let me know and I will pass your name onto the Nominating Committee.

The Industry Appreciation Banquet is coming along well. Cye Wagner, Chairman of the Board for the Texas Alliance of Energy Producers, will be our speaker. This is going to be a very educational and interesting meeting as she is the first woman to serve as a board chair in the Texas Alliance. So please start asking your coworkers and bosses to mark their calendars to attend the October Industry Appreciation Luncheon.

Sheila McGaughey, our Education Chairman, has set up a seminar September 11 at 9:00 am at CCI Power Plant on Allendale Road. Please see Sheila's invite in this months bulletin. Thank you, Education Committee!

Our guest speaker for the August Membership Meeting will be Dr. Forester. He is the Energy Finance Professor at Midwestern State University (MSU). His program title will be MSU Update: 'Business Analytics & More'. So, make your reservation with Rena Shaffer at rena@eagleog.com. Hope to see you all there.

Stay Well and Safe!

Nichole Harney

2021 Committees

Budget & Finance

Chairman: Diana Walker

Board Contact: Diana Walker

Members: Rena Shaffer, Geneva Wood

Bulletin

Chairman: Sheila McGaughey

Board Contact: Diana Walker

Members:

By-Laws

Chairman: Doris Sterling

Board Contact: Barbara Franklin

Members: Shirley Bridwell

Education

Chairman: Sheila McGaughey

Board Contact: Jessica Cain

Members: Rena Shaffer

Field Trip

Chairman: Jordan Burgess

Board Contact: Lauren Martin

Members:

General Arrangements

Chairman: Rena Shaffer

Board Contact: Rena Shaffer

Members: Kacie Turner

Golf Tournament

Chairman: Vickie Young / Casie Mass

Board Contact: Casie Mass

Members: Barbara Franklin, Jordan Burgess, Tracy Flynn

Membership

Chairman: Rena Shaffer

Board Contact: Rena Shaffer

Members: Betty Wilson

Program

Chairman: Casie Mass

Board Contact: Casie Mass

Members: Diana Walker

Scrapbook

Chairman: Sheila McGaughey

Board Contact: Lauren Martin

Members:

Social Media

Chairman: Jordan Jackson

Board Contact: Jordan Jackson

Members: Kacie Turner



Board of Directors

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Evelyn Green
GBC Minerals, Ltd

PRESIDENT ELECT
Philana Thompson
Merrion Oil & Gas Corp

SECRETARY
Connie Bass
New Tex Trucking

TREASURER
Barbara Pappas
Cobra Oil & Gas Corp.

IMMEDIATE PAST
PRESIDENT
Keith Atkins
Murphy USA Inc.

PARLIAMENTARIAN
Sheryl Minear, RP
Silver Oil & Gas Inc.

CENTRAL REGION
DIRECTOR
Kay McKinley

NORTHEAST REGION
DIRECTOR
Cindy Krebs

SOUTHEAST REGION
DIRECTOR
Margie Steed

WEST REGION
DIRECTOR
Heather Woods
Souder, Miller & Assoc.

Evelyn Green
2021 ADDC President
P.O. Box 17289
San Antonio, Texas 78217
Cell: 210-863-7437
Home: 210-695-8215
evelyn@gbcminerals.com

August 2021

Those “*Lazy Daisy Days of Summer*” are going to be coming to a close before long. It really does amaze me that this year has gone by so fast! And it has been such a crazy year with once again having the Regional Meetings being held virtually. I long for the time that we can all be together again - as September is just around the corner.

I wanted to again mention that the Registration Packet for the 2021 ADDC Convention and Education Conference, to be held at the Astor Crowne Plaza French Quarter in New Orleans, Louisiana September 21-25, 2021 was sent out by the Regional Directors

The Southeast Region Clubs are excited to host this year’s convention in New Orleans, Louisiana - **WHERE IT ALL BEGAN!** The Registration Fee is \$250 for each Member. You can also find the Registration Packet on the website under “Convention” and also under “ADDC News”.

Reminder - You can make your hotel reservations by following this link:
<https://book.passkey.com/e/50167145>.

All rooms are \$169 for a single, double, triple or quad. Be sure and make your reservations as soon as possible. Please remember that **any and all guidelines** set out by the State of Louisiana will be complied with throughout the Convention.

On another note, as of the end of July, our current membership stands at 738. Yes, we are below what we had at the end of 2020 – but we projected to have 815 in 2021. Some clubs have just gone back to in-person meetings, so it is possible that we can still increase our membership. Take the leap and ask someone to attend your meetings and learn what we are all about.

It won’t be long before we elect our 2022 ADDC Board of Directors. Also, soon clubs will be looking for members to step up and serve on your Club’s Board. Consider saying “**Yes**” when asked – each of you have so much to offer to YOUR Association. We cannot do it without each member participating.

As always, if you have any questions or need any additional information, please do not hesitate to contact me or any member of the Board.

Evelyn

“Start where you are. Use what you have. Do what you can.”
Arthur Ashe



Kay McKinley
 Central Region Director
 Route 1, Box 12
 Hooker, OK 73945
 (620) 629.3878
 maeciesmaemie@gmail.com

Board of Directors

PRESIDENT
Evelyn Green
 GBC Minerals, Ltd

PRESIDENT ELECT
Philana Thompson
 Merrion Oil & Gas Corp

SECRETARY
Connie Bass
 New Tex Trucking

TREASURER
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IMMEDIATE PAST
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Keith Atkins
 Murphy USA Inc.

PARLIAMENTARIAN
Sheryl Minear

CENTRAL REGION
 DIRECTOR
Kay McKinley

NORTHEAST REGION
 DIRECTOR
Cindy Krebs
 Range Resources

SOUTHEAST REGION
 DIRECTOR
Margie Steed

WEST REGION
 DIRECTOR
Heather Woods
 Souder, Miller & Assoc.

August 1, 2021

With summer coming to an end and school getting back in full swing later this month, it's my hope you've had a chance to take in some of the summer delights of ballgames, family reunions, vacations, etc.; things that we were deprived of last year due to the lockdown. I just returned from our 84th consecutive McKinley reunion held in Red River, New Mexico. You ask, how was this the 84th consecutive reunion if you didn't get to meet last year. Well, we made a family executive decision that the Zoom Meeting we held last year counted! It was wonderful to see so many people in Red River "out and about", and there is nothing better than a person-to-person hug with family that you haven't seen in two years!

I say all this to say, I can't wait until next month when we get to be together for our 72nd ADDC convention where it all began - New Orleans. The Convention Committee says we are going to celebrate, ADDC style. One of my very first conventions to attend was in New Orleans, and my memory of celebrating ADDC style was taking our restaurant napkins and swinging them in the air as we circled the room. I don't know how it got started, but it was pretty fun! (Someone will have to fill me in on the origin.) Can't wait to see old friends for hugs and make new friends! Who knows, maybe there will be waving of napkins again!

Each club should have received the registration packet by now, but here is the link to download the packet. <https://addc.org/wp-content/uploads/2021/07/ADDC-2021-Convention-Registration-Packet-Revised-7-20-2021.pdf> If you get your registration in by August 20th, you can avoid the late fee. Contact me if you have any questions.

I will be reaching out to the Central Region Club Presidents, but as of now, we still have had no one to step forward to head the Contest Committee for 2021. Entries will start being submitted soon. Please help!

See you in New Orleans!

Kay McKinley
 Central Region Director

Navigating Through an Ever-Changing Climate or How to Learn to Love and Trust the Hydrocarbon

Presented by: Chad Cummings

July 21, 2021

Submitted by: Sheila McGaughey

It can be very difficult trying to navigate our way through the oil and gas industry's ever-changing climate. We have experienced a roller coaster ride to say the least. We are constantly adapting and developing integrated solutions to carry us past all the misinformation and misconceptions that the public has about the oil and gas industry. It sometimes feels as though this current misinformation has us drowning in policy and regulatory efforts. It also depends on the current administration as to how the public will conceive us. If you listen to the news, they believe the oil industry has peaked and it is time for renewables to take over.

How clean are renewables?

Mr. Cummings started off by saying that renewables are not bad. It is just that they cannot generate enough power to adequately sustain the energy use that we will need as a country. In 2020, the U.S. primary energy consumption was an overall 79% fossil fuels. The U.S. consumed 92.94 quadrillion BTU's (British thermal units) for 2020. It breaks down as follows: petroleum 35%, natural gas 34%, renewable energy 12%, coal 10% and nuclear power 9%. To expand it even further, renewable energy consisted of 2% geothermal, 11% solar, 22% hydroelectric, 26% wind, 4% biomass waste, 17% biofuels and 18% wood. So needless to say, our industry depends on oil, gas and coal to sustain us.

Let's talk briefly about wind and solar. Wind contributes 26% to our energy consumption. He gave us some interesting facts about the wind turbine. Did you know that they have an average maintenance price of \$45K? They have a life expectancy of 20-25 years but are normally replaced ever 10 years for a new and improved model. Once a wind turbine has been retired, the parts are non-recyclable and rendered useless, so they are buried in a massive wind turbine burial ground in a Wyoming landfill. Solar energy contributes 11% to our energy needs, but it can be very expensive. A 5-kilowatt storage battery costs around \$3,000 and gives you about half an hour of running your air-conditioning in your home. A 40.4 kWh (kilowatt hour) home battery costs an average of \$34,800 dollars and will run your air-conditioning, and nothing else, for 24 hours. This is not very cost effective. Wind and Solar contribute very little to our energy needs.

Mr. Cummings went on to explain some of the policies and infrastructure plans coming into play which include the Environmental, Social and Governance (ESG) grading system. ESG provides a framework for judging the sustainability and ethicality of an investment. Companies that ignore ESG issues risk being perceived as fewer desirable investments. Another is the ban on new ICE (Internal Combustion Engine) vehicles in California and Europe by 2025. A hybrid vehicle is required to produce electricity or hydraulic pressure depending on the drive train technology (traction motors) deployed. The average distance for an electric car battery is 345 miles. The energy cost to charge an electric vehicle (EV) is an average 110 kWh. China now dominates the world's production of new generation batteries for electric vehicles. California will phase out all ICE vehicles and be zero-emission vehicles by 2035. Two more examples of policy change are the ban on half of all coal in Europe by 2030 and the California ban of Natural Gas for heating and hot water in the construction of new homes by 2023. He mentioned that there are some other states as well that are considering this policy along with Austin, Texas.

Mr. Cummings touched briefly on Carbon Capture, Utilization & Storage as a possible way to conform to going green. This is a great way for the industry to work on its public image and benefit from the technology. Carbon capture and storage (CCS) or carbon capture and sequestration is the process of capturing carbon dioxide (CO₂) before it enters the atmosphere, transporting it, and storing it for centuries or millennia. Usually, the CO₂ is captured from large point sources, such as a chemical plant or biomass power plant, and then stored in an underground geological formation. Geological formations are currently considered the most promising sequestrations sites. CCS also has the capability to enhance oil recovery. This is the best, easiest and smartest way for the industry to conform to policy changes.

Mr. Cummings' take away conclusion:

- Oil and gas isn't going anywhere anytime soon.
- The entire electrical grid would need a massive overhaul.
- Renewables are not as clean as they'd like to boast
- Some changes need to be made within the industry
- Always be willing to change. Don't be stuck in "that's how we've always done it" attitude.

Mr. Cummings covered a lot of useful information in his presentation and received a lot of interesting feedback from our members.

Question/Discussion:

Carla Morrow - My husband works for a power plant here in Wichita Falls. He said regulations are the worst and creating so many problems. He said a lot of the gas compressor station plants have been switched to electric motors because of all the regulations. In February 2021, when the freeze hit, they were shut down because they were deemed non-essential.

Mr. Cummings – Yes. Concerning ERCOT (Electric Reliability Council of Texas), the grid was tested in 2011. There was a total shut down in 2021. They had too much scheduled maintenance going on, they knew the storm was coming. They were trying to use wind and solar to sustain the grid. When ERCOT started doing the rolling blackouts, they were shutting down some of the power plants temporarily, but the gas was left above-ground in pipes, which allowed it to freeze. They could not come back online quickly, and the effects were cascading down.

Carla Morrow – Well my husband did say that he watches the numbers of the power plant daily. The gas plants are kicking in or nuclear during the day, but about 3 o'clock in the afternoon when the wind and solar stops, there is no electricity. It's like all of a sudden, the power grid on these gas plants have to kick in to make up for the loss.

Shirley Bridwell – Am I correct in that solar and wind reserves so much space in the power grid, just like natural gas and nuclear as well, so that when they can't fill it, it's a void and you can't infringe on it? The people want to blame it on the oil and gas industry for not producing enough gas. Wind and solar had their space on the grid. I'm sorry, but when it's dark and the wind is not blowing, that gas and electricity should have been moving down those lines.

Mr. Cummings – Yes, that is correct.

We had so many of our members give their input on Mr. Cummings presentation. He concluded our Q & A by reiterating that renewables are not a bad thing, but renewables alone cannot sustain our energy power grid.

So, in conclusion, we have learned that the oil and gas industry is an essential energy source for this planets survival. I hope that we will embrace the title of his presentation and *learn to love and trust the hydrocarbon*. It is this writer's opinion that the ultimate universal truth is that we should *trust* what we love, and I believe it is a given on how much we *love* this industry.

Chad Cummings works for Gunn Oil Company as a Geo Tech Intern. He graduated from Midwestern State University with a BS in geoscience in August 2020 and is currently midway through his Master's degree. He has a research interest in Petroleum Geology, Geophysics, Carbon Capture & Storage, and Geothermal. He is also working on several projects while attending MSU – ranging from petrophysical work in the Wichita Mountains to geodynamics in the East African Rift System in Uganda. He is also my nephew, and I am very proud of his accomplishments.

Navigating in an Ever Changing Climate or How to Learn to Love and Trust the Hydrocarbon

Chad Cummings—Speaker
Gunn Oil Company—Geo Tech Intern
July 21, 2021

Coal * GeoThermal



Nichole Harney—2021 President, Chad Cummings—Speaker, Sheila McGaughey (Chad's Favorite Aunt) 😊



Megan Cummings—Wife of Speaker, Barbara Pappas, Diana Walker and Carla Morrow—Guest



Nichole Harney—2021 President and Jordan Jackson

60% of all electricity is generated by *fossil fuels*



Shirley Bridwell, Doris Sterling, Joann Baker and Barbara Franklin (seated)

U.S. primary energy consumption by energy source 2020

Petroleum—39%	Coal—10%
Natural Gas—34%	Nuclear electric power—9%
Renewable energy—12%	



Barbara Pappas, Vickie Young and Kacie Turner

Nuclear Energy



Rena Shaffer and Lauren Martin

FOSSIL FUELS



Petroleum and Natural Gas



Nichole Harney—2021 President and Chad Cummings—Speaker



WIND



Chad Cummings—Speaker



SOLAR



Tracy Flynn and Kacie Turner

Are you ready for a Seminar?

*Have you ever wondered how a power plant operates?
Here is your chance!*

Eddie Morrow has generously offered to give us a tour of the CCI Cogeneration plant. He will touch on power generation, and answer any questions we may have about the power grid, ERCOT and renewables.

Join us: Saturday—September 11, 2021—9:00 am (possibly 1 hour tour)

Meet: 8:45 a.m. at the old ball field next to Certainteed on Allendale Rd. We can carpool in if you don't want to drive on the gravel road.

Wear: Bring a hard hat if you have one, if you don't there will be some available, just not many. Comfortable clothes and good shoes. For those that want to — will have an opportunity to climb the stairs and see the steam.

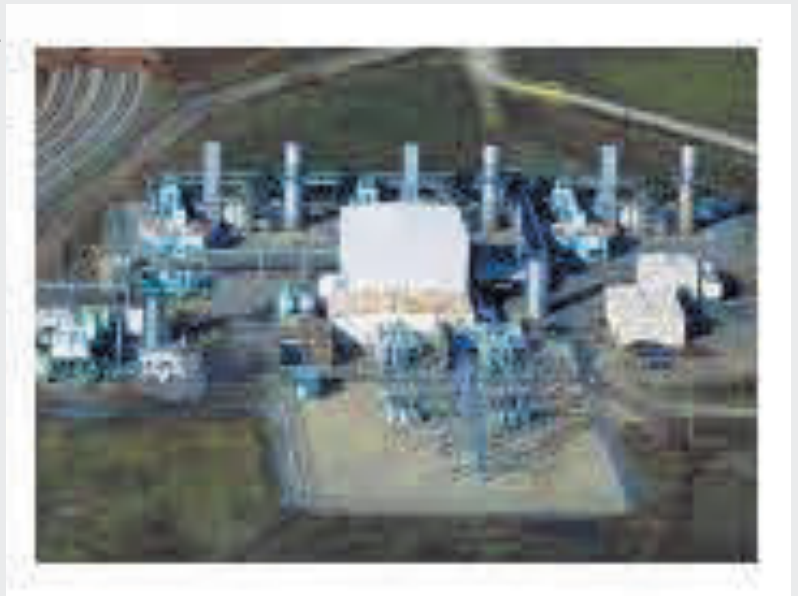
Contact: Sheila McGaughey 940-716-5340 or smcgaughey@sjoc.net to reserve your spot!

Deadline: September 1, 2021

WICHITA FALLS COGENERATION PLANT

The Wichita Falls Cogeneration Plant is strategically located in Wichita County, Texas near the fast-growing Dallas/Fort Worth metropolitan area. Wichita Falls is a 77 megawatt electric power generation facility using GE gas combustion turbines with associated heat recovery steam generators and an ABB steam generator. Wichita Falls supplies power into the ERCOT market during periods of peak demand and/or supply volatility. The facility was awarded with the 2014 Certificate of Recognition by the City of Wichita Falls, Texas for its achievements in environmental excellence including pollution prevention, waste minimization, and water conservation.

CCI acquired Wichita Falls in 2012.



Sign Up Now

A Legacy

Written by Barbara Pappas

The Association of Desk and Derrick Clubs was founded on one woman's idea. Her name was Inez Awty Shaefer, and she resided in the great state of Louisiana! She worked for Humble Oil & Gas Refining Company and realized that there must be a way to get the information from the field (derrick) to the office (desk) in a more understandable way for all to comprehend. With that idea, Desk and Derrick was formed. ADDC's (Association of Desk and Derrick Clubs) first club was the New Orleans club in 1949.

At one time, ADDC was great in numbers, with over ten thousand members in its heyday. You would have been placed on a waiting list in order to be able to become a member. Times have changed over the years including a decline in membership just like other organizations. My mom taught me a valuable lesson in life. When you see someone with a need, be there for them, because eventually, one day, you will find yourself in need. I see ADDC with a need that has been yearning to be filled for a long time now. A need of resurgence. Recognizing this need, became my "Ah-Ha" moment.

My journey to fill the "need" of resurgence is when I became President of my local Wichita Falls, Texas Desk and Derrick club in 2011 and carried on to becoming a Regional Director in 2013. My journey did not stop there; I became the 2014 Secretary on the Association level. In 2015 and 2020, I ran for Treasurer of the Association but did not accomplish the goal. You know the saying "when at first you do not succeed, try and try again", well that brought me to this year-2021, and I am currently serving the Association as Treasurer. Who knows what the future holds, but I can be rest assured all the ADDC Presidents before me climbed a similar ladder to accomplish their goal to lead the ADDC organization. I often wonder what they envisioned for Desk and

Derrick during their year as ADDC President. If I am fortunate to join the ranks of those who have traveled before me on the journey to be an ADDC President, maybe, just maybe I will have the answer in its entirety. The “Legacy” of being an ADDC President is not about the title, but about those who you will serve. You have one year to find a way to make a great organization geared to educating its membership and its surrounding communities greater than the year before.

As the years roll by, how poignant is it that Desk and Derrick started in New Orleans, Louisiana, and we are holding our annual Association Convention in the same place seventy-two years later? The legacy continues like a flowing river, all from one person’s idea in 1949 of educating others in the energy industry. This is what ADDC is all about, “Greater Knowledge, Greater Service.”

July 15, 2021

Petroleum industry shows strength as demand rises

By Alex Mills

Petroleum prices are rising as the economies around the world recover from the Covid-19 pandemic and demand has caught up with supply.

The Energy Information Administration (EIA) this week forecast this week West Texas Intermediate (WTI) will average \$71 per barrel during the third quarter of 2021, which is \$6 per barrel higher than in the forecast issued last month, and Brent crude oil will average \$73.

“We revised global production down by 210,000 barrels per day (b/d) in second half 2021, leading to larger forecast inventory draws in the second quarter of 2021 and smaller forecast inventory builds in 2022, which contributes to the increased price forecast,” EIA stated.

The Dallas Fed Energy Survey, which is conducted by the Federal Reserve Bank of Dallas, also finds that oil companies expect firm oil and natural gas prices the remainder of the year.

The survey of 152 companies expects WTI to average \$70 per barrel and \$3.10 per million British thermal units (MMBtu) by year end.

Demand for petroleum products continues to rise from 2020. Bloomberg reports a rolling average of U.S. total oil products supplied – an indicator of consumption – jumped to the highest seasonal level in government data going back three decades in the week ending July 2.

The week running up to the Independence Day holiday saw weekly gasoline supplied hit a fresh record in EIA data. The rolling average of diesel supplied, at 4.07 million barrels a day reached its highest for the week since 2017.

“While gasoline and diesel demand have returned to pre-pandemic levels, a surge in petroleum use for products such as plastic, asphalt, lubricants and other industrial needs is propelling the recovery,” Bloomberg stated.

Petrochemical producers invested heavily in manufacturing in the U.S. in the decade after fracking technology led to a surge in oil and gas production as well as low-cost natural gas liquids. The result has been an increase in plastic manufacturing along the U.S. Gulf Coast in recent years, Bloomberg reported.

The crude market in the U.S. will tighten further as crude oil inventories continue to decline – down 8 million barrels this week to 437 million barrels –and production remains around 11 million barrels a day, which is about 2 million barrels per day less than where it was in early 2020.

The Organization of Petroleum Exporting Countries (OPEC) confirmed this week that Saudi Arabia and United Arab Emirates had reached an agreement regarding future oil production quotas. UAE had created controversy earlier this month when its oil minister said it would not agree to a new production quota until OPEC revised its base production limit. The new agreement raises its baseline to 3.65 million barrels per day from 3.17 million barrels per day. OPEC is expected to increase its production by 400,000 barrels per day in August now that the agreement has been reached.

-30-

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



July 22, 2021

U.S. Number 1 producer of petroleum and natural gas

By Alex Mills

The oil and gas industry in the U.S. produced the most petroleum and natural gas than in any other country during 2020, easily outpacing Russia and Saudi Arabia. Additionally, crude oil exports from the U.S. reached a record high last year.

The Energy Information Administration (EIA) and the Department of Energy reported this week U.S. petroleum and natural gas production totaled 66.9 quadrillion British thermal units (quads) in 2020. Russia was the second leading producer with 45.5 quads and Saudi Arabia was third with 26.5 quads.

The U.S. has been the top producer since 2014.

“Petroleum and natural gas production fell in all three countries in 2020 following a rapid decline in demand during the COVID-19 pandemic and the consequent crude oil price declines, particularly in the first quarter in 2020,” EIA stated.

“Saudi Arabia and Russia agreed to reduce their crude oil production as part of an OPEC+ agreement, but in the United States, reduced production was largely the result of a price-induced fall in tight oil investments and, to a lesser extent, unplanned outages,” EIA said.

Global oil markets faced high volatility in price last year beginning the year around \$60 per barrel dropping to \$15 during the second quarter and rising again to \$60 by year-end.

EIA said oil prices above \$70 have contributed to steady crude oil exports recently.

“During the week of July 9, 2021, the international crude oil benchmark (Brent) spot price averaged \$76.13 per barrel and the domestic crude oil benchmark (West Texas Intermediate) spot price average \$73.35 per barrel,” EIA said. “Brent and West Texas Intermediate price both remained above \$70 per barrel between June 8 and July 16, 2021. Weekly export data from our Weekly Petroleum Status Report show a slight rise in crude oil exports since the end of June 2021.”

Crude oil exports have increased since export restrictions were changed in 2013 and again in December 2015, and oil production has increased from 7 million b/d in 2014 to more than 12 million b/d in 2020. U.S. oil exports set a record last year averaging 3 million b/d, and they continue to rise averaging 3.51 million b/d during the last four weeks, according to EIA.

-30-

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

July 29, 2021

Natural gas production and exports show growth

By Alex Mills

Natural gas prices broke through the \$4 per thousand cubic feet (Mcf) level this week as production levels across the U.S. continued to set records as did exports of liquefied natural gas (LNG).

Natural gas prices on the New York Mercantile Exchange languished around \$1.70 Mcf range in 2020 until crossing the \$2 barrier in August and crossed into the \$3 range in June of this year and up to \$4 in mid-July.

Demand and consumption of natural gas continues to grow.

The Energy Information Administration reports the nation consumed 11.2 billion cubic feet during the first four months of 2021, which equals the amounts consumed in 2020 and it is on pace to set a record this year as the economy continues to expand.

U.S. production so far this year is off 4% from the record set last year. Natural gas production during the first four months of 2021 was 10,904 billion cubic feet compared to 11,414 billion cubic feet in 2020.

U.S. exports of liquefied natural gas (LNG) continued to grow in the first six months of 2021, averaging 9.6 billion cubic feet per day (Bcf/d). This average marks an increase of 42%, or 2.8 Bcf/d, compared with the same period in 2020, according to EIA.

“U.S. LNG exports increased in the first half of this year as international natural gas and LNG spot prices increased in Asia and Europe due to cold weather,” EIA stated.

Removal of COVID-19 restrictions around the globe also contributed to increased demand for U.S. LNG exports, according to EIA.

“Natural gas demand in the spring continued to rise amid low post-winter inventories, which contributed to unseasonably high natural gas prices. The high prices prompted a higher demand for more flexible LNG supplies, particularly from the United States,” EIA stated.

July 29, 2021 (Continued)

Europe also had low inventories following a cold winter. Europe's natural gas spot prices have historically been lower than prices in Asia; however, this year, Europe's natural gas prices are tracking Asia's spot LNG prices more closely to attract flexible LNG supplies from around the world to refill storage inventories, EIA said.

As natural gas has become the largest energy source to generate electricity, energy-related CO₂ emissions in the U.S. fell to the lowest level since 1983 falling almost 20% since 2000, according to EIA.

Coal generated the most electricity in the U.S. until 2016 when natural gas became the largest electric generator. Natural gas generated about 40% on electricity in 2020 followed by renewable energy sources (wind, hydroelectric, solar, biomass, and geothermal) at 21%. Nuclear at 20% and coal at 19% complete the generators of electricity.

-30-

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





Project Back to School

July 11, 2021

Desk and Derrick Club of Wichita Falls
P O Box 97508
Wichita Falls, TX 76307

Dear President,

Thank you for your generous donation to Project Back to School! As the number of disadvantaged children in Wichita Falls continues to increase, your gift makes it possible to help the children in need. Your gift will provide *32 at-risk children* with a new backpack filled with school supplies in August.

Date Received: July 10, 2021

We will be proud to recognize you as a *Class Sponsor* for 2021. Please retain this letter for your tax records.

As you know, Project Back to School receives no government funding and relies 100% on gifts from our community. Your support is making it possible to achieve our vision that no child in Wichita Falls begins school without the school supplies they need.

The children helped by your gift may never know your name, but they will know that someone cared enough to give them hope and the chance for a better future. Thank you again for caring, taking time out of your busy schedule to respond and helping the children in Wichita Falls. We truly appreciate your compassion and support of Project Back to School.

With much gratitude,

Cheryl Ritchie

President and Board Chair



*No child should
begin school without
the school supplies
they need.*

In compliance with IRS regulations, we verify that Project Back to School (ID # 46-2897760) is a 501 c (3) non-profit organization and has not provided any goods or services in exchange for your gift. Please direct any questions regarding this tax receipt to the address below or contact us at admin@projectbacktoschool.org.

2021 ADDC Convention
And Educational Conference

September 21-25, 2021

Astor Crowne Plaza French Quarter

New Orleans, LA



Hosted by Southeast Region

Desk and Derrick Clubs

REGISTRATION PACKET



Association of Desk and Derrick Clubs

Desk and Derrick Members and Friends,

ADDC President Evelyn Green and the members of the Southeast Region Desk and Derrick clubs invite you to attend the 2021 ADDC Convention and Educational Conference in New Orleans, LA being held September 21-25, 2021.

Join us WHERE IT ALL BEGAN! That's right – 72 years ago, Desk and Derrick was born here in New Orleans and we're back to celebrate, ADDC Style!

Convention will be held at the beautiful Astor Crowne Plaza Hotel, located on the edge of the historic French Quarter. You can walk to wonderful restaurants where you'll enjoy delicious Cajun and Creole food, ride river boats on the Mighty Mississippi, take street cars to the Garden District or to above ground cemeteries, enjoy many art galleries and shopping activities, or be part of the night-life on world-famous Bourbon Street. We'll be following all New Orleans and Orleans Parish health and safety guidelines for social distancing and mask wearing (not Mardi Gras masks, though).

The field trips, seminars, and fun activities that the Southeast Region club members have planned for your enjoyment and education will keep you busy, as you learn about the energy industry, visit this beautiful city and surrounding areas, and reconnect with old friends and make new ones.

Field trips on Wednesday include a tour of the LSU River Studies Center and Capitol Park Museum in Baton Rouge; a trip to the BP Training Facility and Fletcher Integrated Production Technical Institute; and two walking tours: Geology Building Stones of New Orleans and French Quarter Foodie.

On Thursday, seminars include Digital Afterlife, Leadership, and Senior Magic Bucket. We'll have an Energy Symposium during the Friday Business session. All of these will provide very interesting, unique educational opportunities.

On your own you can explore the world-famous World War II Museum, Aquarium of the Americas, Riverwalk Outlet shopping, and much, much more!

Make your plans to come to New Orleans to taste the spirit of Louisiana!



TENTATIVE AGENDA

Tuesday, September 21, 2021

6:00 pm – 8:00 pm Registration
6:00 pm – 10:00 pm Educational Trust

Wednesday, September 22, 2021

6:30 am - 9:00 am Hospitality
7:00 am - 9:00 am Registration
3:00 pm - 8:00 pm Hospitality
4:00 pm - 8:00 pm Registration
9:00 am - 4:00 pm Certification -
Accounting
7:30 am - 5:15 pm Field Trip #1
8:00 am - 3:00 pm Field Trip #2
9:00 am - 11:30 am Field Trip #3
8:00 am - 12:00 pm Field Trip #4
6:00 pm - 9:00 pm RD Training

Thursday, September 23, 2021

6:30 am - 9:00 am Hospitality
7:00 am – 9:00 am Registration
8:00 am - 6:00 pm ADDC Board Meeting
9:00 am - 10:30 am Seminar #1
10:45 am - 12:00 pm Seminar #2
1:00 pm - 2:30 pm Seminar #3

Free Night

Friday, September 24, 2021

6:30 am - 7:45 am Registration
6:30 am - 7:45 am Hospitality
7:15 am – 7:45 am Delegates Credentials Check-In
8:00 am - 11:30 am Business Session
10:00 am - 11:30 am Energy Symposium
12:00 pm - 2:00 pm Industry Luncheon
2:30 pm - 5:00 pm Business Session

Free Night

Saturday, September 25, 2021

6:30 am - 8:00 am Hospitality
7:45 am – 8:15 am Delegates Credentials Check-In
8:30 am - 11:30 am Business Session
12:00 pm - 2:00 pm Recognition Luncheon
2:15 pm - 4:00 pm Business Session
4:00 pm – 5:00 pm Post-Convention Board Meetings
6:30 pm – 9:30 pm Banquet

Immediately Following Banquet:

ADDCC Presidents Reception

Sunday September 26, 2021

7:00 am - 9:00 am Hospitality

Wednesday September 22

Certification – Basic Oil and Gas Accounting

9:00 am—4:00 pm

Registration: \$75 for members \$125 for non-members

The purpose of the ADDC certification program is to provide an educational program covering the subjects within the established curriculum.

Don't know anything about oil and gas accounting? This is the perfect opportunity for you to become familiar with this aspect of the industry. The *Basic Oil and Gas Accounting* course will cover different types of ownership and review a joint operating agreement, including the COPAS accounting procedures; measurement of oil and gas; and how to read a revenue check.

Class Topics include:

- Role of an Oil & Gas Accountant
- Cost Accounting Methods
- Joint Operations
- Types of ownership and how to calculate them
- Overview of joint operating agreements
- How oil and gas is measured including calculating allocations
- How to read a revenue check stub.

This is a great opportunity to work toward completion of your Petroleum Technician Certification!

Sheryl Minear, San Antonio Club Member, will be the instructor. Sheryl oversees the accounting for several operators.

Wednesday, September 22

Field Trip #1

7:30 a.m.—5:15 p.m.

Baton Rouge Capitol Park Museum and River Studies Center

Cost: \$ 50.00/person **Limited to 30 attendees (Snacks and water on bus)
(lunch at Pastime Restaurant – pay your own - separate checks)**

You'll start the field trip with a tour of the LSU Center for River Studies. The center conducts research on the world's major rivers with a specific focus on the Mississippi River. They train the next generation of engineers, geologists and river experts. Located on the Baton Rouge Water Campus near the banks of the Mississippi River, it houses one of the world's largest movable bed physical models - the Lower Mississippi River Physical Model.

The river model is 10,000 square feet and based on the topography and bathymetry of the Mississippi River Delta covering southeast Louisiana. Pumps are used to control the water and sediment injection. More than 18 acoustic sensors coincide with U.S. Army Corps of Engineers river gages on the Mississippi River and measure water levels in the model river. Twenty high-definition projectors illuminate the model and bring the river and coast to life.

After the tour we'll take a short bus ride where you can enjoy lunch (pay for your own) at the Pastime Restaurant, which has been serving the Baton Rouge area for 75 years. Po-boys, seafood platters, pizza, burgers, and hot dogs –something for everyone at this local landmark eatery.

Next, you will tour the historic Capitol Park Museum where the special Smithsonian exhibit of The Green Book will be on display. From Louis Armstrong to Huey P. Long, from Mardi Gras to fais-do-do, and from the nation-building commerce of the Mississippi River to the life-sustaining bounty of the Gulf of Mexico, the Capitol Park Museum provides a panoramic exploration of the most vibrant state in America.

See how American Indians; colonists from France, Spain and Britain; enslaved Africans and Acadians from Nova Scotia—eventually known as Cajuns—populated and cultivated Louisiana, shaping it into one of the most culturally rich regions in the world. With thematic exhibits on diverse aspects of Louisiana history, industry and culture, the museum includes two permanent exhibits: Grounds for Greatness: Louisiana and the Nation and Experiencing Louisiana: Discovering the Soul of America.

(Tentative Schedule)

7:30 – Begin Boarding Bus

8:00 – Bus Departs Hotel

9:30 – River Studies Center

12:00 – Lunch at Pastime Restaurant (on your own)

1:30 – Capitol Park Museum

3:30 – Return to Bus

5:15 – Back at Hotel

Wednesday, September 22

Field Trip #2 BP Training and Fletcher/BP

8:00 a.m.—3:00 p.m.

Cost: \$50/person

Limited to 30 attendees

(Snacks and water on bus)

Visit the BP Training facility in Schriever, LA where new employees learn the BP way to work in the oilfield. See the actual equipment, procedures, and processes used to train workers to be safe and productive while finding, producing, marketing, and transporting oil and oil products. You'll be treated to lunch, too!

After a short drive, you'll arrive at nearby Fletcher Community College where you will tour the BP/Fletcher Integrated Production Technical Building. There you will see the classroom programs that provide students with technical skills in instrumentation, automation, computer, mechanical, safety, and process systems.

(Tentative schedule)

8:30 Begin Boarding Bus

9:00 Depart Hotel

10:00 Arrive BP Training Facility (Schriever, LA)

11:30 Lunch at BP (their treat)

12:30 Bus to Fletcher Community College

12:45 Tour Fletcher / BP Integrated Production Technical Building

1:45 Depart

3:00 Arrive Hotel



Wednesday, September 22

Field Trip #3

Building Stones of New Orleans

9:00 am to 11:30 am

Cost: \$15/person

Limited to 15 attendees

Walking required.

Walking tour and local restaurant map, water, and hand-operated fans will be provided.

This is a **walking tour** led by Jim Booth, a local, knowledgeable geologist who will guide you to and through some of the buildings and structures of the New Orleans Central Business District (CBD). Jim will tell you about the various geologic sources and attributes (good and bad) of the stones chosen. You'll have plenty of opportunity to ask questions and learn more about geology of the building stones as you walk through the New Orleans CBD.



At the end of the walk, you will be close to several local restaurants for lunch on your own. (All will be within walking distance back to the hotel.)

Wednesday, September 22

Field Trip #4. *Foodies Walking Tour*

8:00 am—12:00 pm

Cost: \$10/person

Limited to 15 attendees

(plus pay for your food/beverage at each stop)

Walking Required! Water and hand-operated fans will be provided when we start.

“Eat Your Way Through the French Quarter ”

From beignets and café au lait, pralines, alligator on a stick, oysters on the half shell, shrimp gumbo, roast beef po-boys, or classic muffulettas, you'll be walking around enjoying the tastes, aromas, and soul of the French Quarter. We may tour the séance room, visit the ghost table, and enjoy a cocktail or mocktail on the balcony overlooking Jackson Square at Muriel's!



There will be time to shop for souvenirs at the historic French Market, too. You'll have lots of opportunities for photographing the architecture, people, food, and art that make the Vieux Carre unique.

Put on your walking shoes and bring your appetite!

Thursday, September 23

Seminar 1.

9:00-10:30 am

Beyond a Will - Organizing Your Digital Estate

Cost: \$10/person

Presented by Alyssa Trosclair, Emend, LLC

It used to be that your will, or little notes left on your china or furniture, told your family “who got what” – but now, we also need to be concerned with our digital afterlife. You don’t want to fight the cellphone company for six months because you don’t have the passcode for your loved one’s phone in order to cancel their account. You may need to get into their banking accounts to stop automatic payments to utilities or credit cards that have to be canceled. Passwords for computers and various accounts like Medicare and Social Security, PINs for your bank accounts and credit cards, utility services – they all need to be handled! This seminar can help you prepare for your digital afterlife – and help your loved ones prepare theirs.

Alyssa Trosclair, MBA, CPO is the first Certified Professional Organizer (CPO) in Louisiana. She has an undergraduate degree from LSU in Information Systems and Decision Sciences and an MBA from LSU in Organizational Development. Prior to starting Emend, she worked as a management consultant helping businesses improve the efficiencies of its people and processes.

Thursday, September 23

Seminar 2.

10:45 am – 12:00 pm

What Kind of Leader Are YOU?

Cost: \$10.00/person

Presented by Rena Shaffer and Theresa Adams

Learn about the traits of a good leader and find out which of those traits you possess. Helpful at your job and your club, this seminar can tell you more about your style of leadership and about more effective ways to lead. Don’t think you’re a leader? Come to this seminar and find out that you probably already have many of the attributes of a true leader!

Rena Shaffer, Wichita Falls Club, is currently Chairman of the Educational Trust and Co-Chairman of the Club Bylaws/Guidelines Review Committee. Theresa, Westbank Club, was 2000 ADDC President and is currently serving as Club Secretary.

(Note: This seminar was originally presented to the Wichita Falls Club by Barbara Pappas.)

Thursday, September 23

Seminar 3.

1:00-2:30 pm

PetroMolly – Senior Magic Bucket

Cost: \$10.00/person

Presented by Members of the Desk and Derrick Club of the Westbank

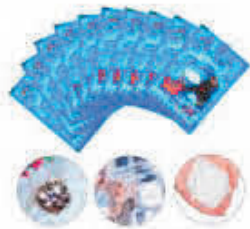
Learn how to gather the materials needed to present a version of PetroMolly aimed at senior citizens and ways to change the container and contents for other groups.

- Shopping list, script, and demonstration are included with seminar.

The demonstration will help you learn how to show the audience some of the many petrochemical products that we use in our everyday lives. The demo will include a science experiment to capture the attention of the audience: creating “Insta-Snow,” a superabsorbent polymer which turns water into a white fluffy substance.

What a great way to spread the word to our senior citizens and educate them about the importance of the petroleum industry besides gasoline for their cars and golf carts!

The Magic Bucket is also a great opportunity to speak to a group for Desk and Derrick Awareness Month, Earth Day, or Energy Awareness Month.



Energy Symposium

ADDC Foundation

The ADDC Foundation will moderate an exciting, educational energy symposium during the Friday Business Session. Industry experts on the panel will update us on **The State of the Oil & Gas Industry**.

Friday, September 24

10:00 – 11:30 a.m.



Supporting Energy Education Projects

ADDC FOUNDATION

The goal of the ADDC Foundation is *Energy Education*. The Foundation supports many Association of Desk and Derrick Clubs (ADDC) programs, but our main priority is to support organizations and projects that educate everyone including students at all levels and individuals within and outside of the energy industry. The Foundation also funds community outreach projects throughout ADDC and the energy industry in order to create awareness of the role and value of energy in our daily lives.

The Foundation supports educational projects such as:

- Workshops, Symposia, and Seminars
- Educational Publications and Media
- Research
- Educational Outreach Projects

Learn more about the **ADDC Foundation** in our brochure or contact us at

infoadddfoundation.org.

HOTEL INFORMATION

Astor Crowne Plaza

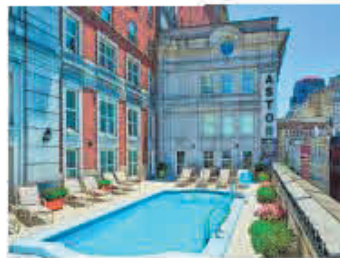
Astor Crowne Plaza New Orleans French Quarter
739 Canal St. @ Bourbon, New Orleans, Louisiana 70130 - 1-504-962-0500

The Front Door to the French Quarter, the Astor Crowne Plaza New Orleans French Quarter is centrally located at 739 Canal St. at Bourbon. Conveniently located near the city center, you can access all parts of the city after settling into your room. Guest rooms have flat screen TVs, Cox cable channels, and work desks. There is a well-equipped fitness center, outdoor pool, and Dickie Brennan's Bourbon House Restaurant on-site. Complimentary shuttle service between the hotel and the city center is available for your convenience.

Room rates: \$169 single/double/quad (does not include state and local taxes and \$2/per person nightly occupancy fee). On-site valet parking is \$47/day.

Use booking code 50167145 online (<https://book.passkey.com/e/50167145>) or ask for Association of Desk and Derrick Clubs if calling (+1 504-962-0500) to make your reservations.

Deadline for reservations: September 7th. After that, reservations will only be available at hotel prevailing rates.



- **IHG Way of Clean** includes deep cleaning with hospital-grade disinfectants, and guests can expect to see enhanced procedures, which may include face covering requirements, various ways to reduce contact throughout the hotel, social distancing measures within public spaces and procedures based on local authorities' guidance and/or advice.

Airport Transportation

AIRPORT SHUTTLE

Shuttle service is available from the airport to hotels and various other locations in the New Orleans for \$24.00 (per person, one-way) or \$44.00 (per person, round-trip). These fares include three (3) bags per person. Additional baggage may be subject to additional fees. Passengers can purchase tickets at the Airport at the Airport Shuttle ticket booth located on Level 1 Baggage Claim between Doors 3 and 4. Please visit www.airportshuttleneworleans.com for more information.

TAXIS

Taxis pick up passengers in a dedicated taxi loading zone on the Arrivals Curb outside of Level 1 Baggage Claim Door 7.

Taxi rides cost \$36.00 from the airport to the Central Business District (CBD) or French Quarter (west of Elysian Fields) for up to two (2) passengers. For three (3) or more passengers, the fare will be \$15.00 per passenger. Taxis are required to accept credit card payments.

RIDE APPS

Lyft riders exit Doors 7-9, cross the walkway to the middle curb, and join the queue. Price is approximately \$32-45/ride.

Uber riders exit Doors 9-11, cross the walkway to the middle curb, and join the queue. Price is approximately \$30-40/ride.



NOTE: CLUB SALES AND CLUB PHOTO SIGN-UP SHEET IS BEING SENT TO RDs FOR DISTRIBUTION TO CLUB PRESIDENTS.

MEMBER Registration Form

Please Print:

First Name: _____

Club: _____

Last Name: _____

Region: _____

Company: _____

Delegate: _____ Alternate: _____

Office Phone: _____

This is my first ADDC Convention: ___

Mobile Phone: _____

Member # _____

E-mail: _____

Special Dietary Restrictions: _____

Current ADDC Position: _____

Past ADDC President (year): _____

	Amount
Registration Fee: \$250 Includes: All Business Sessions, Friday Industry Luncheon, Saturday Recognition Luncheon, and Saturday Banquet	\$
Late Registration Fee: \$275 (Registration after -8/20/2021)	\$
Please enter Field Trip, Seminar, or event cost below.	
Certification Class - "Accounting" ___ \$75	\$
Field Trip No. _____	
Seminar No. _____ \$10	
Seminar No. _____ \$10	
Seminar No. _____ \$10	
TOTAL	\$

Credit card registration payments can be sent via PayPal or mail or you can call ADO with credit card info.

For PayPal invoicing, send name and email below. PayPal invoice is payable upon receipt.

Name: _____

Email: _____

NOTE: We cannot accept credit card information via email. All credit card registrations are processed in U.S. funds.

Checks Payable to: ADDC Convention Fund
U.S. and Canadian registrants pay by check in U.S. funds.

Mail: 5014 FM 1500 Paris, TX 75460

ADO Phone: (405) 543-3464

Contact: _____

E-Mail: _____

Telephone: _____

Please fill out the emergency information form (p. 15) and include it with your completed registration form.

REGISTRATION DEADLINE:
Emailed or postmarked no later than Aug. 20, 2021
Late Registration: emailed or postmarked after Aug. 20, 2021

REFUND POLICY: FULL Refund for cancellations emailed/postmarked by August 23, 2021, if funds are available. NO REFUNDS after September 10, 2021.

RETURNED CHECK POLICY - \$50

MEDICAL RELEASE FORM
(Must be completed by each Member or Guest)

Medical Release Form

This form must be completed by **each person** (*member or guest*) attending any ADDC Convention activities. Signed release forms must be received before participating in any field trip or convention-related event.

PLEASE RETURN THE SIGNED RELEASE FORM WITH EACH REGISTRATION FORM

(The information provided herein is regarded as confidential.)

Club Name: _____
(For members only)

Last Name: _____ **First Name:** _____

IN CASE OF EMERGENCY, PLEASE NOTIFY:

Name: _____ **Relationship:** _____

Contact #: _____ **Email Address:** _____

I understand that my participation in the field trips or special events is at my own risk and responsibility. The Association of Desk and Derrick Clubs assumes no liability.

Signature: _____

Date: _____

GUEST Registration Form

Please Print:

First Name: _____

E-mail: _____

Last Name: _____

Guest of: _____

Company: _____

This is my first ADDC Convention: ___

Mobile Phone: _____

Special Dietary Restrictions: _____

	Amount
Please enter event, Field Trip, or Seminar cost below:	
Friday Industry Luncheon _____	\$50
Saturday Recognition Luncheon _____	\$50
Saturday Banquet _____	\$80
Certification Class - "Accounting" _____	\$125
Field Trip No. _____	
Seminar No. _____	\$10
Seminar No. _____	\$10
Seminar No. _____	\$10
TOTAL	\$

Credit card registration payments can be sent via PayPal or mail or you can call ADO with credit card information.

For PayPal invoicing, send name and email below. PayPal invoice is payable upon receipt.

Name: _____

Email: _____

NOTE: We cannot accept credit card information via email. All credit card registrations are processed in U.S. funds.

REFUND POLICY: FULL Refund on cancellations emailed/postmarked by August 23, 2021, if funds are available. NO REFUNDS after September 10, 2021.

RETURNED CHECK POLICY - \$50

Checks payable to: **ADDC Convention Fund**
 U.S. and Canadian registrants pay by check in U.S. funds

Mail: 5014 FM 1500 Paris, TX 75460

ADO Phone: (405) 543-3464

Contact: _____

E-Mail: _____

Telephone: _____

Please fill out the emergency information form (p. 15) and include it with your completed registration form.



Doris Sterling 8/6
Betty Wilson 8/8



UPCOMING DATES
TO REMEMBER

MEMBERSHIP MTG
AUGUST 18
BOARD MEETING
SEPTEMBER 7



2021–2022

MSU Scholarship Recipients

Our Education Committee has submitted the following names for our MSU Scholarships:

Elizabeth C. Elkins

Morgun W. Mason

Anugya Shiwakoti

Wesmond C. Williams

In an email from Dr. Jonathan D. Price, PhD.: I'm pleased to announce the faculty have resolved on four excellent students for the scholarship. As in year's past, we attempt to honor our top senior or juniors with your generous scholarship, so these names reflect the cream of the crop. My sincere thanks to you and your wonderful and supportive organization!

Congratulate them at the Industry Appreciation Luncheon!





Diana Walker, Rena Shaffer, Shirley Bridwell

Our local club awards scholarships to Midwestern State University students pursuing a degree in the oil/gas/energy fields. Some of our newer members may not realize that we also have the **Desk and Derrick Educational Trust (ET)** which consists of five ADDC members. These Trustee's serve a 5-year term and they award scholarships to U.S. and Canadian students pursuing a degree in the oil/gas/energy fields. ET recently awarded scholarships to 11 students for the upcoming year!

Shirley Bridwell is a past Trustee and did an excellent job! She suggested my name to ET and I was brought on as a Trustee. I have loved serving and being a part of helping these students pursue their education with much needed scholarships. I have served as Chairman for four years and am sad to say that my term has ended, BUT the good news is that we have another Wichita Falls member that has stepped up and agreed to be a Trustee – Diana Walker. Not only is Diana our new Trustee, but since the other Trustee's chose to stay in their positions, we were able to convince her to serve as Chairman. I wish Diana the best in her new role and promise to be there for her and guide her in her new adventure. Congratulations Madam Chairman – you'll do a GREAT JOB!

See our website for additional information theeducationaltrust.org

Submitted by Rena Shaffer

Congratulations!

JOANN BAKER



Celebrating 30 years with
Texas Alliance Energy Producers!

this MONTH in petroleum history

AUGUST

August 3, 1769—La Brea Asphalt (Not Tar) Pits discovered

The La Brea, “the tar,” pits were discovered during a 1769 Spanish expedition on the West Coast. “We debated whether this substance, which flows melted from underneath the earth, could occasion so many earthquakes,” noted the expedition’s Franciscan friar in this diary.

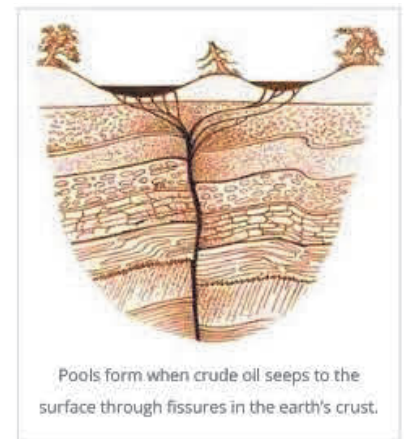
The friar, Juan Crespi, was the first person to use the term “bitumen” in describing these sticky pools in Southern California—where crude oil has been seeping from the ground through fissures in the coastal plain sediments for more than 40,000 years. Native Americans used the substance for centuries to waterproof baskets and caulk canoes.

Although popularly called the tar pits, the pools at Rancho La Brea are actually asphalt-not tar, which is a by-product made by the distillation of woody materials, such as peat.

Asphalt is a naturally formed substance comprised of hydrocarbon molecules—petroleum.



Outside the Page Museum of Los Angeles, life-size replicas of several extinct mammals are featured at the Rancho La Brea in Hancock Park. Although called the “tar pits,” the pools are actually asphalt.



Pools form when crude oil seeps to the surface through fissures in the earth's crust.

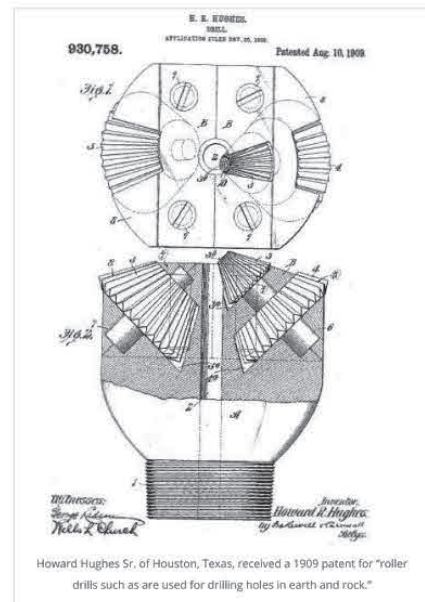
August 10, 1909—Hughes patents Dual-Cone Roller Bit

“Fishtail” drill bits became obsolete after Howard Hughes Sr. of Houston, Texas, patented the dual-cone roller bit consisting of two rotating cones. By pulverizing hard rock, his bit led to faster and deeper rotary drilling.

Historians note that several men were trying to improve bit technologies at the time, but it was Hughes and business associate Walter Sharp who made it happen. Just months before receiving the 1909 patent, they established the Sharp-Hughes Tool Company to manufacture the new bit.

“Instead of scraping the rock, as does the fishtail bit, the Hughes bit, with its two conical cutters, took a different engineering approach,” reported the American Society of Mechanical Engineers (ASME), which in 2009 designated the invention as an Historic Mechanical Engineering Landmark. “By chipping, crushing, and powdering hardrock formations, the Hughes Two-Cone Drill Bit could reach vast amounts of oil n reservoirs thousands of feet below the surface,” ASME explained. “This new drilling technology would revolutionize the industry.”

Hughes engineers would invent the modern tri-cone bit in 1933. Frank and George Christensen developed the earliest diamond bit in 1941. The tungsten carbide tooth came into use in the early 1950s.



oleum-history/this-week-in-petroleum-history-august-10/

August 18, 2007—Astrobleme Museum opens in Oklahoma

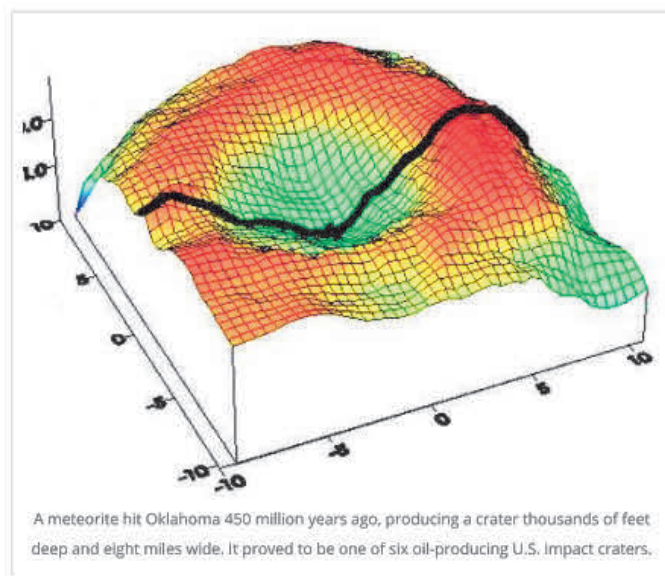
Ames, Oklahoma, celebrated the opening of its Astrobleme (meteor crater) Museum, designed to educate visitors about a meteor impact that led to a major oilfield discovery 450 million years later. Located about 20 miles southwest of Enid, the Ames meteor crater was buried by about 9,000 feet of sediment, making it barely visible on the surface. Most geologists believed impact craters unlikely locations for petroleum.

Although wells were drilling nearby, no one has attempted to reach deep into the hidden, eight-mile-wide Ames crater in Major County. In 1991, Continental Resources drilling deeper than usual for the area—about 10,000 feet—and found oil.

The Ames crater discovery well uncovered what became the most prolific of the six oil-producing craters found in the United States, producing 17.4 million barrels of oil and 79.5 billion cubic feet of natural gas.

“The Ames Astrobleme is one of the most remarkable and studied geological features in the world because of its economic significance” explained independent producer Lew Ward in 2007. The potential of drilling in impact craters got the attention of oil companies world-wide. Continental Resources CEO Harold Hamm funded construction of the Ames Astrobleme Museum.

Editor’s Note: We learned about the Ames Astrobleme on a field trip in OKC!



Desk and Derrick Club of Wichita Falls
Membership Meeting
August 18th, 2021

The Forum, 2120 Speedway Avenue

Please arrive early so that we may start the meeting shortly after noon.

Presiding:	Nichole Harney Cobra Oil & Gas Corp.
Invocation:	Barbara Pappas Cobra Oil & Gas Corp.
Introduction of Speaker:	Jordan Jackson Cobra Oil & Gas Corp.
Program:	Dr. Robert C. Forrester Midwestern State University

“MSU Update: Business Analytics & More.”

Reservations should be emailed to Rena Shaffer
Email rena@eagleog.com
or call 940-234-3307

Reservations Deadline - 4:00pm Thursday August 12th, 2021
Cost \$17.50

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.)

Please bring the exact money or check for your meal.

AUGUST



2021

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

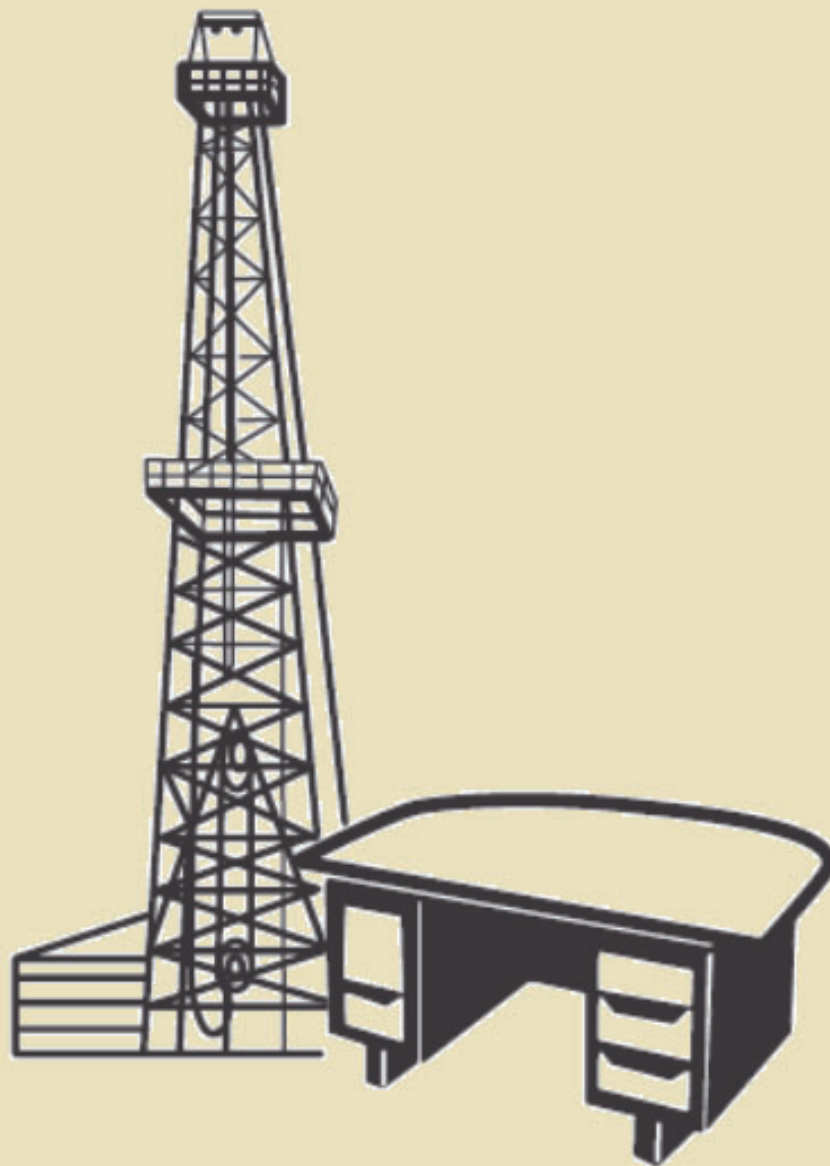
Smile — it increases your face value ...Dolly Parton



Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7 Board Meeting	9	9 Tracy Flynn	10 DEADLINE FOR MEMBERSHIP MEETING	11 SEMINAR CCI POWER PLANT
12	13	14	15 Membership Meeting	16	17	18
19	20	21	22 Rhonda Steinberger	23	24	25
26	27	28	29	30	2021 ADDC CONVENTION AND EDUCATIONAL CONFERENCE—NEW ORLEANS, LA	



It's the friends we meet along the way that help us appreciate the journey!



ASSOCIATION OF DESK AND DERRICK CLUBS

Front Cover and Page 16 —Oil pump on a sky background—Pavel Rodimov
196472801—Summer Drilling—Pavel Rodimov—Dreamstime.com

Page 11—Solar panel light bulb—File ID 16216719—Alphaspirit—Dreamstime.com

Page 19—Derrick and Sky—Photo 23955758—Derrick Neonriver - Dreamstime.com

Page 39-40 —Week in History—www.aoghs.org