August Dates to remember

- Aug 5 - Sisters Day
- Aug 11 - Son and Daughter Day
- Aug 14 - VJ Day
- Aug 20 - National Radio Day
- Aug 24 - Vesuvius Day
- Aug 26 - Women’s Equality Day
- Aug 27 - National Forgiveness Day

COMING IN September:

2018 Annual ADDC Educational Conference and Convention

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Welcome to this brief history of our ADDC Region VII. We know that Region VII has an interesting history but “where do we begin”

Well, in 1951 Denver CO. and Casper WY were the 1st clubs to form Region VII.

Edmonton was the 1st Canadian club joining in 1952 and 2 months later Calgary was chartered. Also, Bismarck NK joined that same year.

By the end of 1953 Regina had hopped on board and in ’56 Cody WY and Winnipeg MN were chartered.

1980 was a big year for the region. 3 new clubs Grand Mesa Co. Big Sky (Billings) Mo. and Seedskadee, WY joined our growing membership.

Both Grande Prairie and Salt Lake City joined in 1982. Southeast Saskatchewan added to our Region in 86, which was followed shortly after by Medicine Hat in 1988 and Central Alberta (Red Deer) in 1990.

1995 was a hallmark year for our Region. For a short period of time we welcomed previous clubs from Region VIII (8) who had elected to align with Region VII and that was Puget Sound, WA, San Francisco, Los Angeles, Long Beach in CA., and Anchorage, AK

Denver & Calgary each added two new clubs Mile High and Alberta Foothills

During the 1980’s the Associations membership was over 12,500 members and the Denver Club’s membership of 784 was the highest in our Association.

In the 67 years since Region VII was formed 23 clubs have been chartered.
A bright pink pumpjack is catching the eye of drivers along Highway 43 in Bezanson. It was recently painted by Rick Holman, whose wife is a breast cancer survivor.

Donlea Holman says Rick first had the idea to turn a local pumpjack pink in 2014, but he didn’t get serious about it until she was re-diagnosed with cancer in 2017. The chosen one was installed by CNRL in April 2018 and was painted in May.

“My ultimate goal for it is to stop as many people from having to go through what I’ve gone through,” Donlea says. “I have three daughters so my driving force really is to find a cure so that they don’t have to go through it.”

CNRL helped clean up the site, and volunteers from IPAC Services Corp. took care cleaning, preparing, and painting the rig itself. International Paint, Rebel Steam Trucks, Kleskun Contracting, Naeco Champion, Kaidak Energy Services, and DistributionNOW also found ways to contribute.

Donlea hopes that the sight of the pumpjack will make people think of loved ones who may have gone through the same situation. She also wants to stress the importance of getting checked for breast cancer.

“I hope it brings to mind people they know who have gone through it because it’s really not a fun experience and for all the women out there to make sure they’re checking every day or every month. Stay on top of it because it’s so important to catch it early.”

Donlea is also on the committee of the local CIBC Run for the Cure. She hopes the pink pumpjack will also help their cause.

“We wanted to use it not only to promote breast cancer awareness but also for our run which raises money to find a cure.”

Grande Prairie’s CIBC Run for the Cure takes place at Muskoseepi Park on September 30. To find out more or to register, visit www.cibcrunforthecure.com.
Where has the time gone? We are halfway through the year, so maybe next time I won’t blink. We have been busy again with a lot of projects on the go.

Please have a look at the advertising package that has gone out, what a great way to reach so many people and companies. Thank you, Tracy and Carrie for putting this together from the business strategy plan.

Alicia Young! You have taught us so much about Social Media. Thank you for the hours you have put into this, along with Casi, Wendy and Wayne. Please find us on Facebook, Twitter and LinkedIn. This also a part of the business strategy that we implemented.

Val Williams! Thank you for doing the update on our D&D Standard Oil & Gas Abbreviator, 7th Edition. Also, from the business strategy.

We might have a grant writer that has come forward, but we can use another person to help out. We have 3 grants we want to apply for.

A Bit of fun Activity books, the 3rd addition are available, please make sure to help promote us through these great books.

As of today, we have 93 people registered for convention. I am getting so excited. We have been working hard on conventions details as well. Thank you, Region II. Follow #ADDCCon18 for all the latest updates on Twitter. Thank you to members for helping and stepping up with convention and giving speeches, introductions or invocations. I appreciate it so much!

Lori Landry has sent out her report for 2019 Slate of Candidates, please take time and come prepared to convention. First time in a long time we have duel candidates.

Call to convention has gone out as well, other details in the Regional Director reports. Please ensure, Presidents that the CRED2 forms are sent in. September 4th, 2018 is the deadline.

There has been changes to the lay out of the ADDC website. Wayne and I worked hard to get this hopefully easily to read. Thank you, Wayne.

Treasure report, 2nd quarter is being worked on and will be coming out to membership shortly. We are currently at 1229 members this year. Let’s keep going!

With the new alignment coming in 2019, here are the new Regional Directors: Donna Siburt, 2019 Northeast Region Director. Connie Bass, 2019 Central Region Director. Philana Thompson, 2019 Western Region Director. Evelyn McCurley-Ingram, 2019 Southeast Region Director. Congratulations to all of you!

Until next month,

Christina Forth
Time has slowed somewhat to be able to enjoy the good weather, friends and family to get energized this summer. Slowly the days are getting shorter and the energy is building in anticipation of meeting old friends and making new ones at Convention in September 17 – 22, 2018, in Evansville Indiana.

This month I would like to give you an overview of one of Region VII’s movers and shakers with Lucy Mulgrew – 2018 Alberta Foothills Treasurer, Secretary and Reservations Chair.

Lucy has been married to Pat for 48 years, has 3 adult children – 2 daughters, 1 son and 7 grandchildren.

She enjoys golfing, traveling, canning, crafts, woodworking, going to the lake and riding motorcycle. (She even has her own a 1500cc Goldwing Trike). Loves spending time with family and friends plus she is a huge supporter to brother Cliff Cunningham who races Chuckwagons.

Before Lucy retired she worked in the Oil and Gas Industry, from 1980 to 2016, for Service companies and Major oil companies in supervisor and manager roles.

She has been a member since 1982 - Charter member of Grande Prairie Club and was a member from 1982 to 1995. Moved to Calgary in 1995 and joined the Calgary club from 1995 to 2001. Charter Club President of Alberta Foothills club in 2002 and current member.

She has held and/or worked on every position during her 36 years with Desk & Derrick and held many positions 2 or 3 times over. When a position needs to be filled she assisted whenever she could as she believed members need to help the Board be successful as well as the club. She has donated many items, etc. to fund raise for her own club, as well as volunteered at Edmonton Desk and Derrick club fundraising events, when possible.

She has done the Magic suitcase at schools and at club level, practiced public speaking while hosting the clubs programs.

She has been instrumental in organizing the first International Energy Tour and most of the Excursions that have followed, to places like:
- China in 2005 - 3 years to organize, Australia/New Zealand in 2008 - 3 years to organize,
- British Isles in 2011 - 3 years to organize, South Africa in 2013 - 2 years to organize,

In 1987, she was honored to receive the Canadian Oilwoman of the Year Award. As Lucy continued in Desk and Derrick she held roles such as GAC Chairman of Region VII in 1987 in Grande Prairie, Treasurer for 1997 ADDC Convention hosted in Calgary by Calgary Club, GAC

She has held various Region VII Representative committee positions for ADDC throughout the years and was Region VII Director in 2005.

Her oldest grandson, who was 14 at the time, thought Desk & Derrick was her fulltime job. He grew up with Desk and Derrick as quoted from Lucy “I not only talked the talk but, I walked the walked”. She is always talking about Desk and Derrick wherever or whenever possible. By doing this she has brought in new members to join the Club. Desk and Derrick is a great tool to learn about this industry. You can lead them to the water but cannot make them drink. If they want to learn they will become active.

She wants everyone to experience Desk and Derrick like she has in regard to personal growth and development. She remembers how nervous and frightening it can be as she has joined D&D, in 1982 and again in 1985 when she became Club President of the Grande Prairie Club.

She truly believes in Desk & Derrick and what it has to offer. Desk and Derrick is a tool for people to learn and develop professionally. Her passion is organizing field trips and seminars. Seeing hands on at field trips and seminars is much more rewarding than hearing someone talk about it. We absorb more also if you make them fun and interesting.

In her spare time Lucy has or is volunteering with the following organizations:
Desk and Derrick for 36 years
Finance Committee and CWL for St Paul’s Catholic Church
Summitview Terrace Condo Board for 10 years
Boys and Girls Club (ongoing)
Been involved with Cursillo’s with First Nations and Metis since 1994
Vice President World Professional Chuckwagon Association 2018

Compiling Lucy’s story inspires me to strive for more and to try and energize our members, always! Happy Summer days to all!

Tracy Fillmore - Energize
2018 Region VII Director

(Pictured above Past Region VII Directors. Pictured left current Region VII Club Presidents.)
Dear ADDC Members:

The Foundation NEEDS YOU!!! We are looking for a FEW Good Members,,, to serve as ADDC Foundation Trustees. Please contact me at there-sabadams@bellsouth.net for information or go to our website: addcfoundation.org to fill out an application and forward to me no later than August 15, 2018!!

The Foundation has assisted six regionals with grants for funding their educational seminars and/or field trips’ and we will sponsor the Industry Symposium again this year at Convention.

In addition, the Foundation also helps other entities to develop energy projects, events or displays. So, if you know of an energy project that might need assistance with funding, please let us know.

The Foundation can only continue to supply funding for projects, regional grants and these symposia through your contributions. We wish to thank the following since March, 2018:

- Edmonton Club, 2018 Region VII Meeting - honor of Keynote Speaker Tulsa Club – honor of speakers: W. Smith; L. Alspaugh
- Graham Club – honor of Region IV speakers
- Red River Club – honor of speakers: J. LeBlanc; D. Smith; and other
  2017/2018 speakers
- Red River Club – memoriams, B. Ross; M. Lott; V. Huber Debi
- Biaiamonte – memoriam, Kim Adams
- Mary Ann Talabock and Jo Nel Savoy – memoriam, Kim Adams Valina
- Blanchard – memoriam, Kim Adams
- Linda Kreech – memoriam, Kim Adams Natalie
- McClelland – memoriam, Kim Adams Val Williams – memoriam, Kim Adams Dorothy Semon – honor of
  Carol Schiavone Ada Weeks – memoriam, Keith
  Menard

For Foundation information, please visit our website. You will find detailed information about the Foundation, contact info for the trustees, Contribution Form, and other important information.

As always, we sincerely appreciate your continued support.
Seventy-five years ago this month, a Band of Roughnecks went abroad on a top secret mission into Robin Hood's stomping grounds to punch oil wells to help fuel England's war machines.

It's a story that should make any oilman or woman proud.

The year was 1943 and England was mired in World War II. U-boats attacked supply vessels, choking off badly needed supplies to the island nation. But oil was the commodity they needed the most as they warred with Germany.


England had but one oil field, in Sherwood Forest of all places. Its meager output of 300 barrels a day was literally a drop in the bucket of their requirement of 150,000 barrels a day to fuel their war machines.

Then a top secret plan was devised: to send some Americans and their expertise to assist in developing the field. Oklahoma based Noble Drilling Company, along with Fain-Porter signed a one year contract to drill 100 wells for England, merely for costs and expenses.

42 drillers and roughnecks from Texas and Oklahoma, most in their teens and early twenties volunteered for the mission to go abroad. The hands embarked for England in March 1943 aboard the HMS Queen Elizabeth. Four National 50 drilling rigs were loaded onto ships but only three of them made landfall; the Nazi U-boats sank one of the rigs en route to the UK.

The Brits' jaws dropped as the Yanks began punching the wells in a week, compared to five to eight weeks for their British counterparts. They worked 12 hour tours, 7 days a week and within a year, the Americans had drilled 106 wells and England oil production shot up from 300 barrels a day to over 300,000

The contract fulfilled, the American oil men departed England in late March 1944. But only 41 hands were on board the return voyage. Herman Douthit, a Texan derrick-hand was killed during the operation. He was laid to rest with full military honors, and remains the only civilian to be buried at The American Military Cemetery in Cambridge.

"The Oil Patch Warrior," a seven foot bronze statue of a roughneck holding a four foot pipe wrench stands near Nottingham England to honor the American oil men's assistance and sacrifice in the war. A replica was placed in Ardmore Oklahoma in 2001

It is by no means a stretch to state that without the American mission, we might all be speaking German today.

Special thanks to the American Oil and Gas Historical Society.

"There are no noble wars, just noble warriors"
This summer is going fast and parents are excited that school will soon be in session. The 67th Annual ADDC Convention and Educational Conference in Evansville is fast approaching and the early registration deadline has been extended to August 15, 2018.

Region II is excited to announce Terri Bryant (R), Illinois State Representative of the 115th District, has accepted our invitation to be the keynote speaker at the convention's Saturday night banquet. Rep. Bryant has been a big supporter of the oil and gas industry in southern Illinois, and we believe she will be a very interesting speaker. She is a retired 20-year veteran of the Illinois Department of Corrections, having served as a public service administrator. Mrs. Bryant also has experience in the private sector first through farming with her husband (Rick) and then later as a successful small business owner when she and her husband and her grandparents built the Bluebell Restaurant in Murphysboro. Her political experience includes serving as a former President of the Governing Board of the Illinois Lincoln Excellence in Public Service Series, Vice Chairman of the Jackson County Republican Party, Vice President of the Jackson County Republican Women's Organization, and Former Coordinator of Coalitions for the Illinois Republican Party.

MEMBER SPOTLIGHT – BETTY WAJDA

Betty Wajda has been a member of Bay Area Desk and Derrick for 17 years and is semi-retired with DTE Energy. In addition to currently serving as a 5-year Trustee for the ADDC Educational Trust and Assistant GAC for the 2018 Annual ADDC Convention, Betty has served her club as President for two years, Vice President for four years, Secretary, Treasurer, and Director several times. She’s also served as Region Director in Year 2011, has been the Region II Meeting GAC for three years and has served on many ADDC committees including Credentials and Contest.

Her co-workers encouraged her to join Desk and Derrick and her company, an independent exploration and production company, supported her membership. She was new to the industry and “like a sponge”, she was anxious soak up and learn all she could about oil and gas. For those who know Betty, this is no surprise -- she radiates so much energy! Betty has learned so much through Desk and Derrick! Her favorite field trip was touring and watching a brand new drilling rig. Desk and Derrick has given her the opportunity to travel all over the country and Canada, attending fourteen conventions and thirteen Region II Meetings. She has been on field trips to a platform building sight, tank storage fields, plants, and refineries just to name a few.

Betty has been married to her husband, Marty; and they have been blessed with two sons, a lovely daughter-in-law, three grandsons and two granddaughters. She loves watching sports especially when the grandkids are playing. This year, her son who lives in Florida bought her a ticket for the Detroit Tigers Opening Day. Most of her family went and they had the best time! In her spare time, Betty enjoys golf, painting, and volunteering in her community.

Beth Etzkorn

*Develop a passion for learning. If you do, you will never cease to grow.....*
*Anthony J. D'Angelo*
THINGS TO DO AND PLACES TO GO IN EVANSVILLE

The DoubleTree Hotel offers a free shuttle ride for its guests to any of a variety of sites and restaurants within a five-mile radius of the hotel. Some of the sites within that five-mile radius you might want to visit include:

1. Evansville’s Riverfront where you can:
   A. Reflect at the Four Freedoms Monument and the Vietnam Memorial
   B. Tour the Evansville Museum of Arts and Science
   C. Explore the Transportation Museum
   https://evansvillemuseum.org/events/transportation-center
   D. Experience the Koch Immersive Theatre
   https://evansvillemuseum.org/koch-immersive-theater

2. Tour the USS LST 325
   https://military.wikia.com/wiki/USS_LST-325

3. Dream a bit at the Dream Car Museum
   https://dreamcarmuseum.com

4. Enjoy Franklin Street’s Restaurants and shops

5. Take a step back in time at the Historic Reitz Home
   https://www.reitzhome.com

6. Try your luck at the Eldorado Casino
   (Formerly the Tropicana Casino)

7. Shop until you drop at Eastland Mall

8. Do some research at Willard Library, the third largest genealogy resource in the U.S.

9. Go wild at Mesker Park Zoo and Botanic Garden
   https://www.meskerparkzoo.com
The month of August is always exciting as we focus on Convention. Member registrations are trickling in. I am looking forward to processing many more registrations in August for this historic Convention.

Remember, I am here to help you grow your clubs and retain existing members. Please contact me via phone or email and I will be happy to assist in every way possible.

If you have an opportunity to have a presence at a chamber of commerce event, trade show, or the like, please let me know and I will make sure you have brochures to display and hand out to potential new members. Remember, ADDC membership is open to all individuals within the energy and allied industries as well as anyone interested in learning more about the energy industry. Working together, we will all be able to assure that the ADDC will continue to grow! The brochures are available to clubs at no cost. However, we are asking clubs to reimburse the Association for shipping costs.

We continue to receive sporadic orders for the third edition of the *Bit of Fun Energy Activity Book*. It is a great educational tool for teaching the younger generation how oil and gas affects their lives.

Please encourage your club members to register to attend the ADDC Convention and Educational Conference in Evansville, Indiana. Convention information is available on the ADDC website or from me. In our second year is the benefit to safely and securely remit your convention payment online, which requires a credit card. You may also remit payment via check. We hope to see a great turnout for our 67th annual Convention. The GAC team and your ADDC Board of Directors are working very hard to make this a Convention that attendees will not soon forget!

Until next month,

Wayne Ammons
Business Manager
True ADDC Insight from 1994 ADDC
President : Lynne Grose

Region VII
1951-2018

Region VII was part of the Association of Desk and Derrick for 67 years and during that time there were 23 Clubs chartered, both in Canada and United States. In the 1980’s Denver had the distinction of over 700 members, the largest in the Association and the Calgary Club boasted 452 members in 1981. Six Canadian members held the position of ADDC President in 1966, 1981, 1988, 1994, 2013 and 2018.

My membership started in 1974 with the Calgary Club. After it disbanded, I belonged to Denver, which also disbanded, so I was getting a complex. I am currently a member of the Alberta Foothills Club and hopefully will not jinx them. Since joining I’ve attended 47 Regional meetings and 29 Conventions. Highlights of that time were the field trips to Rae Point, Melville Island in 1983 and Exxon Valdez, Anchorage, Alaska in 1988. Travel was a perk when I was Region VII Director and Association President. In 1994 airlines flew me over 240,000 air miles in North America. It was such an honor to visit so many Clubs, deliver so many speeches and seminars/workshops. During my 44 years of membership, the education afforded me by Desk and Derrick has held me in good stead throughout my oil and gas working career.

The final bittersweet hurrah of Region VII was held in May this year as the Edmonton Club hosted the very last Region VII meeting. Talk about going out with a “bang”. Applause to their members who prepared and presented a wonderful meeting, especially to Mary Andrews who spent many hours producing a video of Region VII Memories. I trust everyone has the opportunity to see this treasure.

My daughters know their Mom was a better person for being a member of Desk and Derrick. They get many chuckles and hours of enjoyment from all the pictures of field trips, meetings and most of all the social events (dill pickle, clown or pig – catch it all in the video).

As we join the Association’s new realignment, we welcome change and move forward. Part of my heart wishes Region VII could go on forever, but knowing that will not be the case, it was a wonderful journey.

Respectfully submitted,
Lynne Grose
August 2018,

Here we are again, summer almost over and school about to start the end of this month for most. I don’t know about everyone in Texas, but I am ready for some “cooler” weather. This 100-degree temperatures are for the birds, but I do hope all of you have had a wonderful summer, spending time with family and friends and enjoying some vacation time, relaxation and well-deserved rest.

With Convention being right around the corner, here are a few reminders for delegates, presidents and membership:

The Proposed ADDC Bylaw Amendments have been posted on the website and will be voted on at the Convention. Please review these with your membership and come prepared to discuss and vote. As always, please send your Delegates informed or instructed to Convention with your selection(s).

A slate of candidates has been presented and the nominee qualifications have been posted to the website. Please review with your membership and come prepared to vote for your 2019 ADDC officers. Just a reminder, nominations are still open, and you can still nominate from the floor.

The Candidates for the 2019 ADDC Officers are the following:

- President-Elect – Keith Atkins, El Dorado Club; Region III
- President-Elect – Jill Coble, North Harris/Montgomery Counties Club; Region IV
- Secretary – Kim Oelze, Heartland Desk and Derrick Club of Southern Illinois; Region II
- Secretary – Wendy Sparks, Oklahoma City Club; Region VI
- Treasurer – Evelyn Green, San Antonio Club; Region IV
- Treasurer – Barbara Pappas, Wichita Falls Club; Region V

- The Rules of Convention, Convention Procedures and Parliamentary Hints are available on the website, as well, and should be reviewed and brought with you to Convention.

Delegate/Alternate Credentials (Cred 1) form is due this year, by September 4th. If you have not already done so, please get them emailed to the Registrar Chairperson, Sheryl Minear or Region IV Rep Kathy Johnson, as soon as you can.

For those that have not yet registered, early registration has been extended to August 15th.
(postmarked) and registration deadline is September 1st (postmarked), so it is still not too late to register. Registration fee is $250.00 if postmarked by August 15th and late registration fee is $275.00 if postmarked after August 15th. Convention dates are September 17-21, 101; Evansville, Indiana, can’t wait!!!

President-Elect Terry Ligon is diligently trying to fill her committees for 2019. Wouldn’t it be great to have these all filled before 2019? The more you do within the ADDC, the more you learn about the inner workings of the Association. Your knowledge will grow and so will your passion for ADDC. Sign-up to either be a Chairperson or Region Rep, you will not regret it. The form is available on the ADDC website.

It’s never to early to start thinking about Contest! Deadline is December 15th, so don’t wait to start getting everything together. Keep in mind an exciting article or great picture that you would like to see become an A.I.M.M.E. winner. Let’s have complete participation this year for all the clubs!

The ADDC Foundation is looking for a few good members to serve as an ADDC Foundation Trustee. You may contact Theresa Adams at theresabadams@bellsouth.net for information or go to the Foundation website: addcfoundation.org to fill out an application and forward to Theresa, no later than August 15, 2018.

Finally, I would like to highlight Donna Altomari, Houston Club President. Donna works for Cabot Oil and Gas and has been there 11 years. She is an Accounting Specialist and handles all the money that comes into the company!! She and her husband, Joe have been married since 1988 and she likes to spend her spare time reading, gardening and helping her Mother. Donna’s goals this year are to re-energize the existing members, reaching out to former members to rejoin Desk and Derrick and by getting new members to join. She feels the membership should get involved, that will help to promote friendships, promote fellowship and bring educational opportunities to those like Desk and Derrick has brought into her life. Thank you, Donna, for your continued support of Desk and Derrick. We need more dedicated members like you!

Sue Weaver

“Those lazy, hazy, crazy days of summer” ~ Nat King Cole
July 20, 2018

RE: Sponsorship Opportunities – 68th Annual ADDC Convention and Educational Conference

The Clubs in Central Region of the Association of Desk and Derrick Clubs (ADDC) are honored to be hosting the Association’s 68th Annual International Convention and Educational Conference to be held in Kansas City, MO September 18-21, 2019. Central Region, which currently has clubs in Kansas, Oklahoma and Texas is striving to make this event an outstanding educational opportunity for all attendees.

The Association of Desk and Derrick Clubs, (ADDC), an international non-profit organization, is a premier provider of energy education and professional development for individuals actively employed in, affiliated with, or retired from the petroleum, energy and allied industries as well as individuals interested in increasing their knowledge about these industries. Our motto is “Greater Knowledge – Greater Service”.

The Marriott Country Club Plaza located in downtown Kansas City, Missouri will be the 2019 Conference site. In addition to our business meetings, the Conference will feature industry speakers, educational field trips, seminars and a round-table symposium covering a variety of energy and management related topics.

The 2019 ADDC Board of Directors and the General Arrangements Committee invite you to take advantage of a unique sponsorship opportunity. All sponsors will be recognized on the Association website and in the meeting’s printed program. The types of sponsorships available are identified on the attached Sponsorship Form.

ADDC qualifies as a non-profit organization under IRS Code 501(c)(6) and under IT-496 R paragraph 149(1)(I) of the Canadian Income Tax Act. Contributions or gifts may be deductible as a trade or business expense rather than as a charitable donation.

Contributions may be sent to the 2019 ADDC Convention Fund, Association Distribution Office, P O Box 777, Jane Lew, West Virginia 26378. Please enclose the Sponsorship Form indicating your sponsorship preference. For additional information about ADDC or the convention, please contact us at one of the addresses listed below or visit our website (www.addc.org).

Thank you for considering sponsorship of the 68th Annual ADDC Convention and Educational Conference.

2019 ADDC Convention General Arrangements Committee

Tammy Watkins  Casi Nichols  Wendy Sparks
CO-GAC Chairman  CO-GAC Chairman  Treasurer
PO Box 3485  263655 E CR 45  PO Box 18466
Enid, OK 73702  Ringwood, OK 73768  Oklahoma City, OK 73154
ctkwllc@gmail.com  casinichols@yahoo.com  wsparks@cegx.net
Sponsorship Donation Form

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Recognition for sponsorship as it will appear in the program and signage:

Name of Company
Or Individual
Address
Phone/Fax/
E-mail
Contact

*If paying by check, please make check payable to 2019 ADDC Convention Fund.*
For security reasons, we cannot accept credit card information via email.

Please complete and return to:
Association of Desk and Derrick Clubs
P O Box 777
Jane Lew, West Virginia 26378
Hard to believe it’s August and time to start thinking about back to school supplies. The other thing all members should be thinking about is the upcoming ADDC Educational Conference and Convention in Evansville, Indiana. Looks like Region II has been hard at work creating some great field trips, seminars and FUN for all of us. Please be sure to turn in your registrations as soon as possible as you can now pay online.

Prior to sending your club’s delegates and alternates to convention, please make sure that they know if they are attending as Instructed or Informed voters. Instructed means that the club has told the delegate how they would like them to vote and they are to follow those wishes. Informed means that the club has provided their opinion, but understand that rationales come up at convention and the delegate is able to vote based on the good of their club and the association. Conversations should be happening for the votes of board members and proposed amendments.

Until next time, let your voices be heard!

Carrie
Who we are as a member club

We are a small, proud and mighty club that has achieved many firsts. Some of those firsts include:

First Canadian Club certified with the Association of Desk and Derrick Clubs of North America in 1952.
Co-hosted with the Calgary Club the first Canadian ADDC Convention in 1954 which was held in Banff, Alberta.
The Edmonton members were the first all-women’s educational group to graduate the Roughneck’s course with accredited certificates. This course entailed both written curriculum and hands on work on the drill floor.
Edmonton members were the first in Canada to graduate from the Fundamentals of Petroleum course accredited by the University of Austin in Texas.

From day one we have been involved not only on a club level but also on a regional and association level.

Eleven members have served as the Region VII Director:

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<tr>
<td>1954</td>
<td>Betty Heaton (Deceased)</td>
</tr>
<tr>
<td>1966</td>
<td>Betty Lou Docherty (Deceased)</td>
</tr>
<tr>
<td>1972 and 1977</td>
<td>Lillias Ferguson (Deceased)</td>
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<tr>
<td>1982</td>
<td>Maida Kellgren</td>
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<tr>
<td>1985</td>
<td>Evelyn Black</td>
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<td>1990</td>
<td>Mary Andrews</td>
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<tr>
<td>1997</td>
<td>Donna Hayduk</td>
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<tr>
<td>2000</td>
<td>Norma Jean Pratt (Deceased)</td>
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<tr>
<td>2004</td>
<td>Brenda LaBuc</td>
</tr>
<tr>
<td>2010</td>
<td>Lynne Dunstan</td>
</tr>
<tr>
<td>2014</td>
<td>Christina Forth</td>
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There have been three ADDC Officers from the Edmonton Club:

<table>
<thead>
<tr>
<th>Betty Lou Docherty</th>
<th>Second Vice President</th>
<th>1967</th>
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<tbody>
<tr>
<td></td>
<td>First Vice President</td>
<td>1970</td>
</tr>
<tr>
<td>Donna Hayduk</td>
<td>Treasurer</td>
<td>1998</td>
</tr>
<tr>
<td>Christina Forth</td>
<td>Treasurer</td>
<td>2015</td>
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<tr>
<td></td>
<td>Vice President</td>
<td>2016</td>
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<td></td>
<td>President-Elect</td>
<td>2017</td>
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<td></td>
<td>President</td>
<td>2018</td>
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</table>

Other than the first Canadian Convention in 1954, we have hosted conventions in 1979 (Liz Pav as ADDC President) and 1999 (Jill Coble as ADDC President).

We are also very proud to have our own 65 year member, Nadia (Nan) Korpus.

In 1983, Nickle’s Energy Group of Calgary, Alberta began sponsoring the annual “Oil Woman of the Year” award for the Canadian members of Desk and Derrick and donated $1,000 in the winner’s name to the Desk and Derrick Educational Trust. In 1988 the title of the award was changed to “Energy Person of the Year” to reflect the equitable membership change of the Association. In 1989 Nickle’s added a second award to be given to U.S. members and donated an additional $1,000 to the ADDC Foundation. These two awards and subsequent donations continued each year until 2010. The following members of the Edmonton Club have been recipients of the award:
Members of our club have done presentations of the Energy Activity Books to elementary schools where we have donated the books for their study. This is always a bit hit with the children.

In the past the club has done many “Magic Suitcase” demonstrations to schools.

Over the years we have typically had two major fundraisers. In 2018 we had a silent auction at our summer barbeque and we had a Winter Wonderland fashion show in November. With the funds raised at these two events we have been able to pay the registration fee for any Edmonton Club member who wanted to attend the 2018 Regional Meeting.

**How we have supported the industries we serve**

**Edmonton Oilfield Technical Society:**
Members have worked registration and selling tickets for many of the OTS functions including the International Oilman’s Curling and Golf Tournaments and Industry Tent Parties.
For many years, we sent out OTS meeting notifications to their members.

**International Petroleum Shows:**
Members did the registration for a few years and for many this was their first introduction to computers. We did the registration for these shows until the venues moved to Calgary.

**Leduc #1**
The Edmonton members were instrumental in helping startup Leduc #1.
Members have volunteered in the library, helped with tours, assisted with children’s activities and sold tickets at the Annual Rib Cook Off.
Edmonton Club member, Lynne Dunstan has been a long time member of Leduc #1 and continues to ensure continuity between this venue and the Desk and Derrick Club of Edmonton.

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
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<tbody>
<tr>
<td>1986</td>
<td>Dorothy Harris</td>
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<tr>
<td>1988</td>
<td>Evelyn Black</td>
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<tr>
<td>1991</td>
<td>Mary Andrews</td>
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<tr>
<td>1992</td>
<td>Norma Jean Pratt (Deceased)</td>
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<td>1998</td>
<td>Donna Hayduk</td>
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<tr>
<td>2001</td>
<td>Lynne Dunstan</td>
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<tr>
<td>2006</td>
<td>Joan Richardson</td>
</tr>
<tr>
<td>2007</td>
<td>Diana Zelasek</td>
</tr>
</tbody>
</table>
How we have worked in our communities:

CFL Edmonton Eskimos
Volunteered cooking at the Christmas dinners for the underprivileged
Donated to the Children’s Funds and for the homeless

A Safe Place
In 1992 the club members decided to bring a Christmas gift for the women in “A Safe Place” which is a shelter for abused women and children. This decision was made instead of exchanging gifts with members. This has been going on for 26 years with our wonderful caring members.

The Tree of Hope
For the past 25 years members have volunteered their time the second week-end in December to take donations for “The Tree of Hope” which is the fundraising event for the Strathcona Shelter Society “A Safe Place”. Last year this event raised $38,000.

Point of Interest
In the 1980s when many countries boycotted the Olympics due to the massacre of athletes in Munich, Germany, Canada was included in the boycotting countries. The City of Edmonton had purchased black suede Stetson hats for the athletes to wear. When this did not happen, the City of Edmonton donated the hats to the Edmonton Desk and Derrick members to wear at international conventions representing the City of Edmonton. Thus the Edmonton members had a designated outfit to wear consisting of the black Stetson, black blazer and skirt, gold blouse and official tartan scarf of Edmonton. Did we look sharp!! We wore them for years but once border crossing problems started to arise, we had to leave them behind. One of our members still has her full attire and hopes to wear it to our last meeting of 2018 in November.

The Desk and Derrick Club has been a proud and contributing club to Region VII since its inception. We are looking forward to becoming part of the West Region in 2019 and being part of a dynamic new region.
Date: July 5, 2018

To: Club Presidents

The 67th Annual International Convention of the Association of Desk and Derrick Clubs will be held September 17-22, 2018.

Convention Headquarters: Double Tree by Hilton, Evansville

Registration Fee: $250.00 U.S. if postmarked by 08/15/2018
Late Registration Fee: $275.00 U.S. if postmarked after 08/15/2018

Registration Deadlines:
Early Registration: August 15, 2018 (Postmarked)
Registration Deadline: September 1, 2018 (Postmarked)

For the Convention schedule, see the attached Tentative Agenda.

We look forward to seeing you at Convention in Evansville, IN.

Evelyn Green
2018 ADDC Secretary
WASHINGTON, D.C. – The U.S. Department of Energy (DOE) announced a Request for Information (RFI) seeking public input on existing capabilities and needs of national-level offshore wind research and development (R&D) test facilities. This RFI will allow industry and the public to provide knowledge and recommendations to DOE for the development of offshore wind facilities – increasing the partnership between the public and private sectors.

“Testing of offshore wind components and scale-prototypes is critical to help advance America’s offshore wind industry,” said Undersecretary of Energy Mark Menezes. “Through this request we are looking to better understand our U.S. offshore wind testing capabilities, and how we can improve those facilities to compete in the global market.”

In this RFI, DOE is seeking information on the following:

- Facilities that can conduct unique offshore wind R&D in the United States,
- Needed upgrades to existing facilities or new facilities for the United States to be at the cutting edge of offshore wind R&D, and
- Specific tests and analyses that could be carried out at existing, upgraded, or new facilities in order to advance the U.S. offshore wind industry.

The RFI is conducted by the Office of Energy Efficiency and Renewable Energy’s Wind Energy Technologies Office (WETO). WETO supports a wide scope of research, including the Offshore Wind Advanced Technology Demonstration Projects, the collection of hub-height wind and various metocean data by the DOE offshore wind LIDAR resource assessment buoys, floating offshore wind technology and cost reduction research, standards development, and the recently announced U.S. Offshore Wind R&D Consortium.
Our tour guide, Vaughn Stewart is President and General Manager of Bronzart Casting Co. This company commenced business on July 1, 1989, making it 28 years young. Bronzart has forged relationships with many artists whose works are in great demand. These relationships have given the company the opportunity to create a body of work locally and internationally with a variety of reputable artists. Their craftsmen offer extensive knowledge and skill in all areas of the casting process, giving them the ability to facilitate projects from inception to installation. Experience and continued training has enabled this company to expand into restoration and conservation over the past two decades, which encompasses a body of private and public collections. Vaughn and his assistant, Melissa, explained there are many steps to the finished product of a bronze sculpture and advised that many different petrochemicals are used in this process.

1) Making the original clay sculpture or maquette: is a sculptor’s small preliminary model or sketch, is the first step before attempting a large sculpture.

2) Finishing the clay in preparation for molding: once the final touches have been made to the original clay sculpture, the final procedure before molding is touching up delicate details and smoothing the surface of the clay to perfection. Any error or imperfection in the clay would be copied in the molding process and would appear in every subsequent stage. Once this is achieved, the piece should be allowed to dry thoroughly before the molding process.

3) Making a mold of the clay original: when the clay sculpture is completely smooth and finalized, a mold must be made of the original clay. Excellent surface replication of the original can be achieved with a polyurethane mold compound or a high-quality silicon rubber. Once the first coat of rubber has been applied to the surface, it must be allowed to thoroughly dry (usually for 24 hours) before the next coat is applied. All of the details from the original clay are now picked up with in the rubber material that has been painted on. Once the final coat of rubber has dried, a firm outer jacket (called the “mother mold”) is made to help retain the shape of the more flexible rubber mold for pouring the wax replica. This jacket is usually made out of plaster, Hydrocal, resin, or epoxy. When this is complete and it is all dry the outer jacket is removed and the rubber is cut away from the clay, on what is called a “parting line” (the division line for the mold). The sculpture has now gone from a positive form to a negative form.

4) Pouring a wax replica from the mold: the first coat is applied by heating the wax to approximately 220 degrees Fahrenheit. While the wax is hot the mold is rotated to coat the entire internal surface with the liquid wax, which is poured into the mother mold through a hole. The second coat of wax is applied slightly cooler, at around 200 degrees. The final two coats go on at approximately 180 to 185 degrees. The completed wax should be approximately 1/4” thick. When the wax cools and the mold is removed, a wax positive of the sculpture emerges.

5) Wax chasing: is the procedure of repairing all of the imperfections that were created during the wax pouring process to maintain the original details within the mold. There are usually a few air bubbles, seams, and mold lines which need to be removed from the surface of the wax positive. If the wax receives the sculptor’s approval, it is ready to go to the foundry for spruing.

6) Spruing a wax: the finished wax is a positive replica of the original clay. A network of wax rods, called sprues and gates, are attached to the positive wax model. These sprues will serve as a channel system which will feed the molten metal to all of the areas of the sculpture, as well as allow gases and air to escape. During the spruing process, special care is given to areas such as the tips of a rabbit ear, or the fingers of a frog, to ensure that these fine areas will not “short pour”. Once the spruing is completed, the wax is ready to go on to the shelling process.

7) Ceramic shelling process: requires dipping the wax positive into a mixture called slurry to create a hard shell. When dry, this ceramic shell becomes a hard, durable shell around the entire sculpture that will receive, hold, and shape the molten metal to produce the bronze figure. The shell then progresses through the process into different slurry mixtures which are various grades, gradually becoming courser with each coating. Each time the wax is coated with the ceramic slurry mixture it is allowed to dry thoroughly. Each coat adds support to the overall strength of the shell. The ceramic shell process consists of seven to nine coats of slurry mixture. Once all of the coats have dried, the ceramic shell is then sent to be “dewaxed”. The slurry room is a critical room.
8) Melt / burning out the wax: when the ceramic shell is complete it is placed in a high pressure sealed oven called an autoclave. High temperatures (1,500 to 1,800 degrees Fahrenheit) and pressure force the wax from the shell and the wax melts out, thus becoming "lost". This is where the name “Lost-Wax Process” has been derived. The wax has now left the shell, leaving the detailed impression within the shell, which will soon become filled with the molten bronze.

9) Casting / pouring the bronze: when the ceramic shell is empty of wax it is refired and made ready to have the molten bronze poured into it. Solid blocks of bronze are heated to approximately 2,250 degrees Fahrenheit to create liquid bronze, which is stirred and prepared for the pour. Moving quickly and very precisely, the workers pour the liquid bronze into each awaiting ceramic shell. When the ceramic shells are filled with poured bronze they are left to cool for several hours. The negative spaces within the ceramic shells have now become positive bronze castings.

10) Break out: once the bronze and ceramic shell have cooled, the ceramic shell is broken off with hammers and tools to separate the bronze metal from the shell. At this stage the uncovered bronze is considered a "raw metal".

11) Metal welding: if the sculpture was large or complicated, it might have been cut into pieces during the mold stage. This is necessary in order to make molds that would be small enough to pour bronze into evenly. That is, instead of one big mold for a large piece, it may have been broken up into 5 or 10 smaller pieces, each with its own mold. Each smaller mold would thus be a different part of the whole sculpture, so that when all of the pieces have been poured and chased, they can be fit back together to create the whole piece. If this is the case, all of the separate bronze pieces must be welded together to create the whole sculpture again. A metal welder will use a high frequency welding torch to carefully weld the sculpture together. After the sculpture is welded back to one piece, all of the weld lines must also be chased away so they disappear and it appears the sculpture was all one piece to begin with.

12) Patinazation: the "patina" is the color of the bronze. Patinazation is the process whereby a calculated chemical reaction between bronze, acidic chemicals, and high temperatures oxidize the surface of the metal.

13) Completion – the finished product: after the completion of all of the above steps, a unique bronze sculpture has been produced.

Some of the many questions answered during the tour were:

Q Is the bronze process different when the sculpture is inside or outside?
A No, there is not much difference in the process.

Q What is the minimum price for a small piece?
A Smallest is $40 a piece, but just for plaster.

Bronzart Casting has a huge portfolio of castings and restorations, which many of you have seen around Calgary. The oil and gas industry is part of many different processes. Vaughn was presented with a Certificate of Appreciation for sharing his knowledge during the tour of his facility.

From the Spring / Summer 2017 Edition of the Mountain Messenger
Alberta Foothills Desk and Derrick Club
We are one step closer to completing the necessary requirements to go forward with the formation of the Southeast Region for 2019. The Committee for the Southeast Region Fund Bylaws has done an excellent job of incorporating your comments and concerns into the revised Bylaws. Committee members Ada Weeks, Dorothy Semon, Cindy Miller and Evelyn Green have worked tirelessly to complete this task and are to be commended for a job well done!!! They have been forwarded to the Presidents of Region III clubs for their discussion with club members during the months of July and August at their monthly meetings. The deadline to cast your vote is August 31, 2018. A reminder will be sent mid-August.

Of course, with the formation of the Southeast Region we bid fare well to Region III as we know it. We will no longer need some items that were particularly dedicated to Region III, such as the banner that has been used at our Region III Meeting year after year, and the treasured gavel that was passed down from Region III Director to Region III Director. New ones will need to be purchased and/or made, if that is the desire of the Southeast Region Director and club members. Those are only material items and can be replaced.

We should now focus on the growth of the Southeast Region and the increase in its membership. One way to look at it is that our Desk and Derrick family will be growing, and will hopefully continue to grow as time goes by.

In addition to changing from Region III to Southeast Region, we will soon usher in a new Southeast Region Director, namely Evelyn McCurley-Ingram of the Laurel Club. It’s not too early to sign up to chair or work on a committee. I know first-hand that she will have several committees to be chaired and is anxiously seeking to fill the positions as soon as possible so she can get her plans underway. As current Region III members will be joining some past Region IV members, what better way to meet and make new friends than to work together and help make next year’s region meeting a success. I know for a fact the Victoria Club already has their planning and statistics underway.

I sincerely hope you are enjoying your summer and are gearing up for a fun-filled, education packed ADDC convention in Evansville, Indiana.

Keep in mind that school will soon be back in session so watch out for the children as they head back to class.
Unlearning: A Strategy for New Learning*

Unlearning is the intention to let go of what we have already learned or acquired. It is not about right or wrong. It is about being open to and exploring new ideas and new and different ways of doing things. It can help you become open to new skills, experiences, behaviors, and knowledge.

In order to pick up a new skill, even if it’s similar to something you already can do, learn what makes it different. All of us repeat things that worked in the past, even when they don’t apply to the now. Repeating isn’t always a bad strategy, but when there is a significant difference, the old approach holds you back.

By refusing to unlearn old rules and old ways of doing things with the thinking, “this is the way we have always done it,” you miss learning opportunities and avoid moving forward.

Here are some ways to accelerate the unlearning of old judgments and limitations:

1. **Learn to play again.** Let go. Be creative and innovative.

2. **Take more risks.** Seek out new experiences. Do something that gets you outside your comfort zone. These experiences invite the brain to consider things it might not otherwise encounter.

3. **Seek out experiences that help you not take yourself so seriously.** Taming the ego allows you to make mistakes, even fail, and still feel okay about yourself.

4. **Trust your unconscious.** Our unconscious mind, or intuitive self, has a lot to teach us. Any way you can see beyond your ordinary consciousness opens you up to new ways of seeing.

5. **Ask for feedback.** The more people who can help you reflect on your behaviors, the greater your chance to gain an accurate sense of how other people perceive you and which actions to unlearn.

6. **Examine your beliefs.** Your beliefs determine your behavior and it’s difficult to act inconsistently with your beliefs for very long. When you believe you already know the right way to do things, everything else can seem wrong. Why then would you want to unlearn what you’re currently doing, let alone replace it with something else?

*Adapted from *Planning Individual Development Activities* published by CSP, Office of Civil Service Personal Management*
Hello Everyone- We have had a busy Summer for ADDC. We’ve voted on new Region Directors and each region has been working on their new bylaws. The West Region’s 2019 Director will be Philana Thompson. I know she will be a valuable asset to the board and help steer us in a sustainable direction. Congratulations Philana!

My husband and I welcomed our little guy, Peter Charles McGarrah, on June 9th. Everyone is doing great. He is growing by leaps and bounds, so I’m trying to remember to enjoy even the tough moments. It’s a good reminder to do that with all things in life. Here are a few pictures.

Andrea McGarrah
Region V Director

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Member Interview

Pat Wood

Introduction:

Hi, my name is Pat Wood. I have been a member of the Artesia Desk & Derrick Club for over 30 years. I received my 30 year pin at this year’s Region V meeting in Roswell, NM. When I first joined D & D I had just moved to Artesia to go to work for Navajo Refinery in the Crude Oil Accounting department. I had been a casualty of what we thought was one of the biggest downturns in the oil and gas industry at the time and was very excited to find a fulltime with benefits job. One of my coworkers, Marlene Campbell, was very active in Desk & Derrick and persuaded me to come to meetings with her and see how I liked it. I did and I joined in January.
1988. I continued to belong and participate for all these 30 plus years. My personal and work responsibilities always played a big role in my level of participation, i.e. I might not go to regional meetings or conventions or sometimes even hold an office or committee membership. But my club was okay with that. I was always a faithful attendee at each monthly meeting, always eager to learn something new, and to meet friends employed in the industry. I have stayed committed to my local club thru all the ups and downs of the oil industry and within our local club.

Greatest D&D Moment:

Hosting the 2001 ADDC convention in Albuquerque was the first time I stepped into active participation at the international level at a convention. One of my good friends, Reginia Garner, was the GAC for this convention, and she talked me into helping with the hospitality room. It was making a budget, providing refreshments, being a friendly face to greet all our guests who had attended our convention. It gave me confidence and also let me develop leadership skills as we worked as a committee to accomplish our tasks. It also put me in an environment where I became more comfortable greeting and talking to people I did not know. It worked as my family and coworkers who have travelled with me will tell you. I “pick up strays” is how they word it. I talk to who I am sitting by on the plane. I might invite them to supper with us at the airport if they are alone. I may learn their favorite vacation spot. One time I learned from a pilot beside me about the plane we were on and yes, the pilot was coming in too fast like I thought, and was why I was braced for the brakes to hit to slow us down after we landed.

Biggest D & D Goal:

I want to continue to learn and to share that knowledge with others. It is our motto, “Greater Knowledge, Greater Service”. I benefit from constantly growing in my knowledge. Whether I can apply it in my life or work right now is not important to me. I want to belong and attend meetings for what I gain from it and to help foster the many friendships I have developed. Some have been close for decades and some for months. But all brought something into my life that was a blessing. And we need to not forget that these friendships and mentorships we nurture are the future of D & D. We always need to make a little time for this. You never know when you may need to call on one of these members for a question, some moral support, or as a contact for a position or they need you and your expertise.

What do you want D & D to be:

At the top I want our leaders to lead by example. Our leadership should follow the rules of our organization and if the rules need changed to do it according to our bylaws, to be transparent in their dealings and decisions, and to make the hard decisions that will guarantee that our organization will go forward as a healthy and thriving organization. To actually perform the duties of their office as they agreed to do when elected. On a local level I would like us to have more participation in meetings and events by our full membership. They are missing out on great learning opportunities or opportunities to help a worthy cause or just an opportunity to gain local recognition of our club and what it has to offer. I would like for us to grow our membership in other companies that we don’t have any members from. I don’t have the definite plan to accomplish this but together I think we can figure it out.

What will you do to create that D & D:

On the ADDC level we will make sure our club’s delegate and alternate are informed about the prospective board members and their duties and their experience. That way they can vote for the leaders that they believe embody what membership wants for the organization going forward.

Locally we will do all we can to get the word out that this is an organization that contributes by focusing on educating its members about the oil and gas industry. We need to gather any knowledge we can from our sister clubs
that are growing their membership to see if we can apply it here in Artesia. We are going to have to change on the
ADDC level, on the regional level and on the local level. And some change may be painful. Or frankly we may not
really like it. But we have to do what we need to so that we create an organization that people are excited to join
and that they want to participate in. We have to get that commitment back. We have to remember it is OUR club,
OUR region and OUR international organization and do what we can to make it GREAT again. If all do some, there
is no stopping us.

I can’t end without saying some of my dearest friends and supporters I have met thru this organization and going to
the meetings and the regional meetings and sometimes conventions. Those people have added so much to my life
and I treasure getting to know them. I know how to conduct a meeting in other organizations I volunteer in because
I learned it at D & D. I know how to accomplish a task with all types of personalities and work styles because I
honored it thru my involvement in D & D. I know “odd” facts about our industry and the types of services that are
done because of what I have learned at D & D. And most importantly I have a contact I can call or email if I need
some information about an industry related subject because I have met people all over the area thru D & D that will
gladly help me if they can, just like I will help them if I can.
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For years, oil companies vied to drill bigger, deeper, more complex wells. The new technological arms race has just one goal: to drill more cheaply.

Miles off Norway’s west coast, one of the country’s smallest oil platforms is gearing up to start production. On board, there’s no helipad and no toilet. There aren’t even lifeboats.

That’s because the slimmed-down oil platform, operated by Equinor ASA, is expected to run without anyone on board. While workers can be ferried in for repairs or other matters, the platform’s nine oil and gas wells will be controlled from a hub 5 miles away.

For years, big oil companies’ strategy was rooted in tapping as much oil as possible with bigger, deeper, more complex wells. But, driven by a deep slump in oil prices four years ago, an increasingly cost-conscious industry has been experimenting with new digital technologies to open up resources long thought too small or too remote to bother with.

“It was a confluence of the lower oil price driving change management and more powerful computers,” said Christyan Malek, an oil analyst at JPMorgan Chase & Co. Unpredictable market moves are keeping the pressure on, despite crude prices that are trading around their highest levels in more than three years. “As long as oil stays volatile, the industry will maintain its focus” on freeing up more cash, Mr. Malek added.

Typically, the complex engineering involved in extracting oil from Norway’s deep and rough waters has made it necessary to have real people onboard monitoring such activity in real time. Where unmanned platforms have been used, they have targeted simpler reservoirs, smaller fields and controlled fewer wells.

The new technological arms race among big oil companies is taking on a more Silicon Valley varnish. Equinor’s unmanned North Sea oil platform marks a new generation of technology that has a much wider scale of monitoring capabilities and digital sensors, as well as the capacity to manage a greater number of wells than older versions.

“The capability to capture data and to use that data to make operational decisions in real time...is really a step change,” said Martin Kelly, head of corporate analysis at Edinburgh-based consultancy Wood Mackenzie. “Companies are riding a technological wave.”

The goal in these technologically advanced projects is to cut costs. Giants like Exxon Mobil Corp. and BP PLC are betting on new tech to convince skeptical investors that they can remain lean and competitive as oil prices rise, and maintain a long-term edge in oil extraction in a post-carbon world.

At stake is $300 billion—the potential savings from big oil companies’ digital push—according to an analysis by JPMorgan. The bank estimates that efforts to harness data and automate drilling could slash the sector’s $1 trillion in annual global capital expenditures roughly a third by 2021.

BP has said it expects to drive down costs by 20% in the coming years through technological improvements. It is running fiber-optic cables to all its oil wells, allowing the company to gather data and monitor projects in real time. Across the industry, much of this data is collected through slower methods—sometimes by hand.

Equinor, which used to call itself Statoil, is already looking at more-sophisticated automated platforms that rely on video surveillance, robots and remotely operated vehicles. The first such project could start by the mid-2020s, relying on drones to fly in specialist supplies.
August 2018

Attention Region VI!

We are 1 month away from CONVENTION! YAY! I am getting excited to gather with all of my ADDC friends as we grow our knowledge and our future in this industry. My spotlight this month is on Convention, so check it out below!

Convention sponsorship letters have been sent out to all of the Presidents so please start gathering those donations! Each club has their assignments for convention and we will begin planning phone calls soon so we can all stay on track! Thanks to everyone for stepping up to help make 2019 Convention amazing!

Be sure to get your credentials and registrations in for Convention ASAP!! See you all very soon!!

WHEN: September 17-22, 2018
WHERE: DoubleTree by Hilton, 601 Walnut Street Evansville, IN
REGISTRATION: The registration form can be found online under Convention information and you can complete your payment online! Registration cost is $250 and is due postmarked by August 1. After August 1st, the fee will go up to $275.
THE DETAILS: The clubs of Region II are patiently awaiting us to join them on field trips, seminars and fun! Of course, we will be getting down to business during this time, so be sure to check out the candidates and issues so you can be prepared for some great discussion and planning! Convention is a way to get your members hooked on ADDC and all of the great things we have to offer, so promote, promote, promote! New members are especially encouraged to attend convention so they learn the ins and outs of the Association.

As always, I am very excited to see where this year leads us as we continue to better our organization. Most of all, I can’t wait to see YOU!! So, complete your registration, pack your bags and I’ll see you in just over a month!!

MARK YOUR CALENDARS!

67TH ANNUAL ADDC CONVENTION AND EDUCATIONAL CONFERENCE

SEPTEMBER 17-22, 2018
EVANSVILLE, IN
**MOTTO**
Greater Knowledge—Greater Service

**PURPOSE**
The Association of Desk and Derrick Clubs (ADDC), an international non-profit organization, is a premier provider of energy education and professional development. ADDC’s purpose 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 as well as the companies and global communities the members serve.

**MISSION STATEMENT**
Our mission is to enhance and foster a positive image to the global community by promoting the contribution of the petroleum, energy, and allied industries through education by using all resources available.

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**2018 ADDC Board of Directors**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
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