The Tulsa Oil Drop

Issue 3 VOLUME 65 March 2017

Editor: Kay Williams

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COUNTDOWN TO REGION

MEETING – COME ONE, COME ALL!

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Greater Knowledge



Final preparations are underway, but it's not too late to participate in the final touches of the 2017 **Region Meeting at Postoak** Lodge. There are still plenty of available in a venue rooms designed to encourage getting to know your neighbor.

still Recording We need a Secretary and a Publicity Chair.

Several committees, such as **Registration and Hospitality, will** need help throughout the weekend, while members from across Oklahoma and Kansas come together to learn new things.









March is Desk and Derrick Awareness Month! This is an "open to the public" meeting, so please

join us to see what we are all about!

MARCH Luncheon Meeting

Wednesday, March 8, 2017 at 11:30 a.m. **The Summit Club** 15 W. 6th Street

31st Floor of BOA Building Downtown Tulsa *Free Parking

Luncheon Includes: Buffet, Tea, Coffee & Dessert

NOW ACCEPTING CREDIT CARDS!

New Cost: Members-\$27 Non-Members-\$32

Make your reservations <u>NO LATER THAN</u> 5:00 p.m. on Friday, March 3rd. reservations@tulsadandd.net

*Parking garage entrance off Boulder. Get ticket and have it validated at check-in.

If you have need for **CE hours**, please inquire at check-in or email: deejansen142@gmail.com

Drilling Mini-Series

Kristie Luchtel Ferguson has graced Tulsa's Desk and Derrick Club with several informative and entertaining presentations over the years. This year, we are excited to have her join us for a two-part presentation. If you missed Part 1, don't worry, there is still plenty to learn in Part 2.

March 8th, Part 2: *Vertical to Horizontal drilling - Learn how to make the pipe bend and straighten while navigating landing points.*

Kristie Luchtel Ferguson provides over 20 years of technical and applied petroleum Geology experience in both conventional and unconventional plays throughout the world. She received her education in Geology (B.S) at Oklahoma State University, Geologic Oceanography at Humboldt State University, and Petroleum Geology (M.S.) at the University of Kansas.

After several years with Exxon then ExxonMobil, she returned to Oklahoma with Samson Resources and then Newfield. In 2013, she left NFX to start KLF Geological, LLC, which is located here in Tulsa. Kristie splits her time between Tulsa and Dallas where she is the Vice-President of Geology for Springbok Energy.

Kristie is an active member of AAPG (HoD delegate), TGS (past president), TGS Foundation, and the OSU School of Geology Advisory Board (Past Chairmen). She is married to Steve and they have two young sons, Hayden (8) and Leland (4) who love to go out in the field and play on the rigs.

Members and guests **must** make a reservation for meal functions. Please RSVP to the Contact Chairperson @ <u>reservations@tulsadandd.net</u> no later than the Friday prior to the meeting. Members may attend the meeting only – no meal - for no fee, but <u>please</u> do let the Contact Chairperson know ahead of time.

All attendees need to make a reservation.

PRESIDENT'S LETTER



Desk and Derrick Club of Tulsa

Networking in Tulsa, regulatory update on coal mining

Dear Members,

Spring is in the air, and the seasons are changing. Soon we will enjoy warm walks outdoors and see flowers grow and green Bermuda grass return.

It's also "earnings season" where many of our employers and their competitors release an annual report showing production activity and profits and losses. I wanted to take a moment to remind us all to have a moment of gratitude for braving the past two years of uncertainty and unrest in Tulsa's job market. This affected quite a few of our members, but the local market is turning the corner. Let us be grateful to have the employment we need and to also consider lending a hand to help others still looking for work. Perhaps you can make a difference in someone's life by helping them network to their next job. Lending a helping hand through networking is a core value of the Desk and Derrick Club and a key benefit of membership.

An energy-related regulation was lifted in February. The Stream Protection Rule of 2016, finalized under the outgoing administration, was repealed in February. President Trump signed a congressional bill repealing the rule that required a buffer between coal mining and streams, imposed restrictions on how to dispose of dirt moved during mining, and required an initial study and post-monitoring of local impacts. That 2016 rule had put over half of the nation's untapped mining reserves off limits! Having worked in Kentucky for a coal- and gas-powered utility company as a regulatory accountant and having visited coal mines as an auditor, I am grateful for this repeal. A renewed regulatory certainty helps mining companies move forward with expansion and hiring plans. On a personal note, my relatives depend on the coal mining, horse racing, banking and local retail to spur economic development for them to continue to have jobs. Isn't it amazing how certain regulations can quickly change job prospects and families' lives?

In March, go make a difference in your network of friends, support and learn about our industry's regulatory issues, and be the best employee you can be!

Until next time, Jonathan

For further reading about the Stream Protection Rule and historical background: <u>http://www.vox.com/2017/2/2/14488448/stream-protection-rule</u>



Desk and Derrick Club of Tulsa

2017 Officers and Chairs **VOLUNTEERS NEEDED**

Officers/Board

President Vice-President Secretary Treasurer Director 2016-2017 Director 2017-2018 Director 2017-2018 Parliamentarian

Standing Committees

Bulletin Bylaws Contact Convention Education Membership Orientation Program Public Relations Roster/Website Social

Special Committees

Abbreviator ADDC Awards ADDC Nominating Student Outreach/Scholarship Fundraising Golf Tournament Historian Industry Appreciation Luncheon (IAL)

Nominating Scrapbook Tally Vision Jonathan Slay Jill Klein Betty Hodge OPEN Alex Schellhorn Candace Brand

Pam Sanders Kay Williams

Kay Williams Val Bode Alex Schellhorn Jill Klein Pam Sanders Kay Williams OPEN

BOARD MEMBERS Laura Louser/Candace Brand Val Bode OPEN

Gaye Marrs OPEN Cheryl Wootton Pam Sanders Betty Hodge Marilyn Trout/Gaye Marrs/Kathy Farris OPEN Jill Klein

Board Elects in August OPEN OPEN Laura Louser

February Presentation Recap

Turning the Bit to the Right...Making Hole

Presented by Kristie Luchtel Ferguson Written by Gay Wheeler



How do we get oil and gas to the surface? Who determines where to start drilling the well? What does POOH mean? These and many

other questions were answered by Kristie Luchtel Ferguson, a 20 year veteran in the petroleum geology field. Kristie gave a very informative presentation at the February 8, Desk and Derrick meeting. Her curiosity about nature and how things work piqued her interest to become a geologist. With enthusiasm and humor, she educated us about the process of "Making Hole".

The first step is determining where to drill the well. Geologists and geophysicists use seismic testing and various methods to establish where oil and gas are likely to exist. When the spot is selected, a wooden stake with a flag is driven into the ground. Then the site is surveyed and drilling permits must be obtained.

Next the rig location is built, where it is sometimes necessary to build roads and remove trees. Thus, the drilling company makes an agreement with the land owner to compensate for surface damages resulting from preparing the surface for installing the drilling rig and the associated equipment. Each rig requires a certain amount of space to set up all of the necessary equipment, such as generators, mud pits and shale shakers. This is called the **surface footprint**.

The drilling contractor provides the drilling rig and the crew to run the rig 24 hours a day. The crews will work either 8 or 12 hour **tours**, which is pronounced "towers". The rig manager, or **toolpusher**, oversees all the crews and is responsible for all equipment and operations. The **driller** monitors the drilling progress and manages the crew. A **derrickhand** looks after the pumps and mud system and climbs the derrick to guide the pipe into the structure. The **motorhand** looks after the engines and other machinery. The **roughnecks** handle the drill pipe on the rig floor, as well as mix drilling mud and work on equipment.

There are two types of rig systems. The rotary rig, which was introduced in the 1920's, is most commonly used for drilling on land. Top drive rigs are used for offshore drilling. The rotary rig is powered by large diesel engines and electric generators. The electrical power drives the hoisting system, or **drawworks**, which supports the rotating equipment. The **swivel** is a large handle that holds the weight of the drill string and allows it to rotate. Below that is the **kelly**, a four or six-sided pipe that transfers rotary motion to the turntable and drill string. The turntable, or **rotary table**, is powered by the electric motors. The drill string consists of 30 foot sections of pipe, also called a

Turning the Bit to the Right...Making Hole

(continued from page 5)

joint, and each section weighs about 450 pounds. Drill pipe will begin to bend at about 100 feet, so **drill collars** are placed down hole to help keep it straight. Drill bits come in many shapes and materials that are specialized for various drilling tasks and rock formations.

The mud system is an important component of drilling a well. Everything from the success of the well to the lives of the crew depends on mud. The mud keeps the drill bit cool as it is cutting through the rocks. Mud is used to lift the rock cuttings to the surface and into the **shale shaker** to be separated and sent to the cuttings pit, or **possum belly**. Most importantly, the mud keeps the oil and gas from coming up the well. They also install a **blowout preventer**, **BOP**, which is a large, specialized valve used to seal, control and monitor oil and gas wells to prevent the uncontrolled release of hydrocarbons from a well.

Now that we have all this equipment and the crews assembled at the site...HOW DO WE MAKE HOLE? The drill bit and pipe is lowered to the spot where the geologists first placed the wooden stake and the kelly begins turning to the right. The drilling crew begins the process of **tripping in**, drilling 30 feet then making another connection. This is called tripping in hole...**TIH.** Removing the drillstring from the well bore is called **pulling out of hole**...**POOH.** Kristie stated that a typical 10,000 foot well could trip in and out of hole 27 to 40 times. Kristie answered questions from the audience during her presentation, then concluded with several videos of tripping out on a top drive rig.

Don't miss part 2 of her presentation on horizontal drilling at the March 8th luncheon meeting.





Kristie always





enjoys sharing

As you can see ...

knowledge and experiences



her vast







DON'T MISS Part 2, Wed., March 8th!



















VISION MEETING SUMMARY

Vision Meeting 1/11/17 SWOT analysis results by Laura Louser

Strengths:	Weaknesses:
seasoned members	low membership
	not enough experiences to attract younger
variety of members' employers and professions	age groups
	lack of open forum member
membership meeting location	communications
golf tournament	clique
tulsa, ok industry presence	long meetings
networking/mentorship	need new involvement
community service	expense/time of commitment/stepping up
interdisciplinary learning/speakers	staying inside D&D's box
website/newsletter	lack of new memberships/diversity
smaller organization	
national parent organization	
employer sponsorship/support	
Opportunities:	Threats:
	perception as an older organization, and/or
education	members' ages & women's group
D&D representation at industry events	industry downturn

education	members ages & women's group
D&D representation at industry events	industry downturn
collaboration with other organizations (e.g.	
Petroleum Club?, OIPA, AAPG, TEPE)	lack of company sponsorships
sponsor more member registrations	lack of members' attendance
field trips/learning (e.g. visit to Cushing)	diminishing membership
encourage guests	not progressing
technology/social media to reach more people	
(e.g. LinkedIn & Facebook)	old school
member idea box	inner club "drama"
hosting region meeting	time
community events/service club representation	
(e.g. Mayfest)	stuck in a rut - need new approaches
mentorship	
volunteer/leadership opportunities	
learn new skills / get outside your box	
networking/mentorship/friendships	
support in tough times	
other aspects of industry	

(continued from page 9)

Vision Meeting 1/11/17 Recommendations by Laura Louser

Priorities Recommendations
ecruit new members
encourage guests (incentives: free or lower cost meal with limit, gift card drawing, etc.)
social media marketing
market at industry/community events
ack of open forum member communications
social media members can post comments & communicate with other members
anonymous idea box
transparency from board to members
networking activity during membership meetings
new members assigned volunteer mentors
expense/time of commitment/stepping up
committee recruitment / combine committees
prioritize & cut tasks/responsibilities with low benefit compared to cost/time commitment
board meetings physical attendance not required (conference call)
ack of members' attendance
shorten meeting time
community outreach & education
committee

SPOTLIGHT

Welcome New Members

Jake Sherman was approved by the Board on 2/27/17. Jake is employeed with IHSMarket where he is an Account Manager for Field Direct. Desk and Derrick was recommended to him by his boss and he contacted us through the website. Welcome Jake!





Desk and Derrick Club of Tulsa

2017 Dates to Remember

BOARD MEETING	MEMBERSHIP MEETING	MEAL/FUNCTION
February 27 th	March 8 th	Lunch/D&D Awareness
April 3 rd	April 12 th	Lunch
May 1 st	May 10 th	Lunch
June 5 th	June 14 th	Lunch
July 3 rd	July 12 th	Lunch
July 31 st	August 9 th	Dinner Summer Social
September 5 th	September 13 th	Lunch
October 2 nd	October 11 th	Lunch/Orientation/Elections
		(Closed meeting)
October 30 th	November 8 th	Lunch/Industry Appreciation
December 4 th	December 13 th	Dinner Social/Installation

SPECIAL MEETINGS

2017 Region VI Meeting: April 27-30, 2017 in Tulsa, OK Volunteers needed!

66th Annual ADDC Convention: September 20-23, 2017 in San Antonio, TX



2017 MEMBERSHIP DRIVE:

Our 2017 Membership Drive will provide 3 opportunities to benefit, not only our current members, but also our new members.

The membership drive will begin Wednesday, February 8th, 2017 and end at 5:00pm Friday, March 31st, 2017

What are the benefits? Well, other than helping to strengthen our membership and the future of the Tulsa Club with "new blood", a renewed energy and more volunteer participation?? Who could use a \$25 Reasor's Gift Card??

The Membership Committee will be giving away **4** Reasor's Gift Cards worth \$25 each!! (only one per qualifying person) as follows:

FOUR \$25 Reasor's gift cards:

1. One card for Current Member drawing.

(Current Member must have submitted their 2017 renewal and paid dues. Member must "sponsor" 1 or more New Members during membership drive period.)

2. One card for New Member drawing.



3. Two cards to be awarded

(One card to the first *two* Current Members who "sponsor" 3 or more Approved New Members during the Membership Drive.)

3.a. If more than two Current Members qualify, all qualified will be put into a drawing - two drawings for one card each.

3.b. If no Current Member qualifies, the Current Member sponsoring the most Approved New Members will receive one \$10 Reasor's gift card.

Drawings will be held at the April 12th Membership Meeting. Must be present to win.

Only one gift card per qualified person will be awarded.

Questions? Contact Membership Chairman, Kay Williams at kwms53@yahoo.com





TULSA IS HOSTING 2017 REGION VI MEETING April 27-30, 2017

Arrangements are nearly completed!

(See page 18 for some exciting news!)

Current Committee Chairs:

GAC Recording Secretary Finance House Program/Reg. Packets

Publicity Hospitality

Registration

Entertainment

Printing Field Trips Sponsorships

Jonathan Slay **OPEN** Jill Klein Jonathan Slay Gay Wheeler (committee: Vicki) **OPEN Dorothy Lenhart** (committee: Val, Kris, Beth H, Beth J) Val Bode (committee: Kris, Pam, Kay) Marilyn Trout (committee: Gaye, Kathy) Vicki Barnes **Beth Johnson** Kay Williams/Vicki Barnes (committee: Val Bode)

We need **VOLUNTEERS** to help make this Region meeting a success. Please contact the Chairman listed above for the committee on which you would like to chair or serve.

Come help us share Tulsa's great Oil and Gas History!

Special Invitation

The Tulsa Oil Drop MARCH 2017



62nd Annual Region VI Meeting Hosted by the Desk and Derrick Club of Tulsa April 27-30, 2017

Region VI Director Wendy Sparks and the members of Desk and Derrick Club of Tulsa proudly extend an invitation to each of you to join us for the 62nd Annual Region VI Meeting held April 27th through



April 30th in Tulsa, Oklahoma. We will gather at a relaxing, peaceful venue at the POSTOAK Lodge and Retreat.

The Region VI Meeting will be filled with excitement and many aspects you will never forget. Attendees can gain knowledge through a Geology Certification Seminar and will hear from two interesting speakers on Saturday.

Registration, hospitality and hotel check-in will be available from 4:00 P.M. – 6:30 P.M. on Thursday, April 27th. Zipline tours are available daily and can be arranged by calling Postoak's front desk at (918) 425-2112. On Thursday evening, we will gather and enjoy a dutch treat meal at The Rusty Crane restaurant in downtown Tulsa. Friday field trips have been scheduled to visit: (1) Osage Windmill Farm with a stop for lunch at Grill 125 and shopping at The Pioneer Woman Mercantile in Pawhuska or (2) Grand River Dam Authority Pensacola Dam with a stop for lunch at an Amish farm in Choteau. Friday evening will be a fun-filled Social at the Lodge. We plan to offer BBQ dinner, human foosball, volleyball, bonfire and a cash bar.

The entire Registration Packet, including a printable Registration Form, can be found <u>here</u>. For your convenience, *Club Members can register and pay online <u>here</u>, or click <u>here for guest registration</u>. Registration fee includes the Friday evening Social, the Saturday Industry Appreciation Luncheon, the Awards Banquet, as well as snacks. This packet contains hotel information and more details about all the activities.*



The hotel accommodations are at POSTOAK Lodge and Retreat, 5323 W. 31st Street North, Tulsa, Oklahoma. (918) 425-2112. The Lodge is set on 1,000 wooded acres and located 5.7 miles north of downtown Tulsa. Hotel-style room options include either one queen bed or two double beds

for the cost of \$109 per night (plus tax). Rooms hold up to 2 guests and include a refrigerator and microwave in the common area. This rate includes two continental breakfasts per room. Be sure to ask for the Desk and Derrick Club of Tulsa rate when making your reservation.

Online Registration now available, and is SO EASY!

Please NOTE:

Embedded links (<u>here</u>) are not active in this publication. Please refer to the **Special Events** link in the upper left corner of the **Welcome** page of the website, <u>www.tulsadandd.net</u>

No Member Password required.

> Rooms are limited! Make your reservation TODAY!



Leaders Letters

Due to the unavailability of the Leader's Letters on the ADDC website, the March letters will be posted in the April Tulsa Oil Drop.

Sorry for any inconvenience. However, if you wish to stay current, please visit the ADDC website at www.ADDC.org and go to the Members section (Member Login required) and 30th Mailing.

CROSS OF WORDS NERGY E

Bring your completed form to the March 8th meeting to see how well you did!

ACROSS

- 1 Association of Desk and Derrick Clubs
- 4 Process of breaking
- 8 Used to prop open a fracture
- 12 Communication on internet
- 14 Accomplish
- 15 Used to "treat" well
- 16 Past tense of "meet"
- 18 Used to paddle boat
- 20 Geological formation
- 23 Choose
- 24 You and me
- 25 2014 Convention site (abbr.)
- 26 Use of sensitive perception
- 28 2013 Convention site (abbr.)
- 29 Measurement of time
- 31 Tuberculosis (abbr.)
- 33 Pipeline problem
- 34 Example (abbr.)
- 36 light bulb 39 Small amount
- 40 Follows "eight"
- 41 Fermented liquor
- 42 In contact with
- 43 A way out
- 44 Past tense of "sit"
- 45 Purpose of D&D
- 49 sand or gravel
- 50 Railroad (abbr.)
- 51 Connected
- 53 Ocean
- 55 Big cat with stripes
- 56 East Northeast (abbr.)
- 57 Left for waitress
- 59 Direct current (abbr.)

ACROSS

- 60 Whatever kind
- 61 Plural of "is"
- 62 To bestow (AIMEE) 63 Knocked down (abbr.)
- 64 Completed
- 65 Organs of sight 66 Past "use by date"
- 67 Put together

DOWN

- 1 Award In Maintaining Energy Excellence
- Used in fracing 2
- Centimeter (abbr.) 3
- Move in liquid form 4
- 5 Association Distribution Office
- 6 Solid carbon fuel
- 7 Corrosion on metal
- 8 Saline
- 9 Number one
- 10 Symbol for nickel
- 11 Desk and Derrick Journal
- 13 Alternate (abbr.)
- 17 Elevated railroad in Chicago
- 19 Lincoln's split fence
- 21 Invade web site
- 22 Alternating current (abbr.)
- Cut in small pieces 27
- 30 Priest in Old Testament
- 31 Measurement of land
- 32 Having two sides
- 34 Altered or rearranged
- 35 Fuel for automobiles
- 37 Capacity for doing work
- 38 Colorless oily hydrocarbon
- 42 In boxing, two quick blows
- 46 United Arab Republic (abbr.)
- 47 Frozen water
- 48 Exclamation of surprise
- 50 Peelings
- 52 2014 DDJ editor
- 54 Played the part
- 55 Opposite of give
- 58 Prefix meaning "before"
- 62 Automated Data Processing (abbr.)

IMPORTANT ANNOUNCEMENTS

Announcing our new Online Membership Application!

We are pleased to announce that you may join the Desk and Derrick Club of Tulsa and pay your membership dues online with a credit card. *Save a stamp and join here:*

https://memberplanet.com/s/desk_and_derrick_club_of_tulsa/2017membershipapplication

But that's not all Folks!

... a similar RSVP feature is also available for our monthly meetings. You will be able to reserve your seat at the meeting by paying your luncheon fee online. *Check it out here:*

https://www.memberplanet.com/packetview/desk_and_derrick_club_of_tulsa/luncheon_ reservation_2017

In Loving Memory

Please see service information below for Michaela Greer Crosson's Mother, Marie Greer. Michaela is a member of the Fort Worth Club. Please keep Michaela and her family in your thoughts and prayers during this difficult time.



A Funeral Mass for Marie Greer, 75, of Tennessee Colony, Texas will be held at 10:00 A.M. Thursday, March 2, 2017 at the Mary Queen of Heaven Catholic Church in Malakoff with Father McLaughlin officiating.

Visitation will be held from 6:00-7:00 P.M. and a Rosary will be held at 7:00 P.M. on Wednesday, March 1, 2017 at the Hannigan Smith Funeral Home in Athens.

In lieu of flowers the family would like donations made in her memory to the American Cancer Society or to Solaris Hospice of Palestine. You may light a candle or write condolences to the family at <u>www.hannigansmith.com</u> [1]



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March 2017

\mathbb{R} \mathbb{C}	SUN	MON	TUE	WED	THU	FRI	SAT
	26	27 BOARD MEETING	28	1	2	3	4
A COS	5	6	7 M	8 EMBERSHI MEETING	9 Bethjohnson	10	11
	12	Laura Louser	14	15	16	Participant 17	18
	19	20	21	22	23	val Bode	25 DEADLINE for TOD submissions
SUS	26	27	28	29	30	31	
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MARCH IS DESK AND DERRICK AWARENESS MONTH

An Irish Blessing



May the roop above us never fall in, and may we priends gathered below never fall out. Invite a friend to attend our Mar. 8th meeting. Don't forget about our March Membership Drive! See more information on page 13.





Dear Members,

We are heading into the changing seasons, and our Board is happy to present many changes coming to our Club. We are striving to make new advancements in our Technology, our membership processes, our meetings and presentations and our ways of building and promote our organization.

As with many changes, there are bound to be negative ripples which will need adjustments over time. We ask your patience and help in making these transitions as smooth as possible. We welcome your constructive comments and suggestions.

Our Vision continues to be the betterment of our Club for better service to our members. Please feel free at any time to contact one of our Board Members to discuss ways you think we can improve.

P.S. Check out these interesting and informative websites.

www.tulsadandd.net

www.addc.org

Note: All submissions to The Tulsa Oil Drop can and shall be edited as necessary. Viewpoints expressed by submitters are those of the writer and not necessarily of The Desk and Derrick Club of Tulsa or the Association of Desk and Derrick Clubs (ADDC). Email: <u>kwms53@yahoo.com</u> with any questions.