



## NEWSLETTER - NOVEMBER 2020 EDITION

### What's Inside:

(Click to link to page)

1. Table of Contents
2. Letter from the President
3. In Memory of Rick Spellman
4. Dinner Meeting w/ Rick Muncrief
5. Educational Luncheon w/ Jabraan Pasha
6. Toys for Tots - December Social
7. Fall Golf Shamble Recap
8. Fall Golf Shamble Recap
9. TAPL Mentoring Program
10. 2020-2021 Comprehensive Sponsors
11. Comprehensive Sponsor Spotlight: WPX Energy
12. Comprehensive Sponsor Spotlight: Anchor Land Group
13. Comprehensive Sponsorship Info
14. Ask the Attorney
15. 2020-2021 TAPL Event Schedule
16. Upcoming AAPL Education Events
17. AAPL Award Nomination
18. TAPL Educational Waiver
19. Land Links
20. 2020-2021 Board of Directors
21. Landman Activities

### TAPL Upcoming Events

**Dinner Meeting featuring Rick Muncrief, WPX  
Chairman & CEO**

**November 9 @ The Summit Club**

**Refer to page [4](#) for additional details.**





## NOVEMBER 2020 NEWSLETTER

### LETTER FROM THE PRESIDENT

Dear TAPL Members,

Greetings everyone. We hope this newsletter finds you and your loved ones doing well.

Thanks to everyone that joined us for the TAPL Fall Golf Shamble at Tulsa Country Club on October 12<sup>th</sup>. The weather was perfect! The fall tournament was awesome. Huge thank you to Kristina Barnes and her crew! Thank you all very much. You guys put on an awesome tournament. And thank you again to our Comprehensive Sponsors and individual golf sponsors! We hope you all enjoyed the day as much as we did.

Speaking of sponsors. Just wanted to say thank you again to our TAPL Comprehensive Sponsors. You guys are the best. Thank you for helping to ensure our Membership is still able to come together during a very challenging year. Please keep your eye out for another few Comprehensive Sponsors being highlighted in this newsletter. Hats off to you all.

We hope you can join us at the Summit Club Monday evening, November 9<sup>th</sup> to network and hear from our guest speaker, Rick Muncrief, Chairman & CEO of WPX Energy. This will be a great event. We are thrilled to have Rick speak to membership. I've had the pleasure of working with Rick while at Continental Resources, Inc. Rick is one of my favorites in the industry and life in general. He is one heck of a leader and a great person. While we're saddened by the news of WPX moving, we're still of course very excited to hear from their leader and wish them the very best. Hope to see you there. 1 hour of continuing education credit has been approved by AAPL for this meeting.

Our first educational luncheon is set for Tuesday, November 17<sup>th</sup> at the Summit Club. We're excited to hear from Dr. Jabraan Pasha, MD. One of Dr. Pasha's passions is the study of implicit bias and its impact on his patients and society. A few of our members recently had the pleasure of hearing him speak. It's interesting how he also discussed how implicit bias can be found in business, including the oil and gas business. Should be an interesting talk and something fresh for most of us land and legal folk. As mentioned in last month's newsletter, for those that qualify, TAPL will waive up to \$150 towards our educational luncheons and/or the Spring Seminar. Please reach out to Rhonda Stacy at [rhondalstacy@gmail.com](mailto:rhondalstacy@gmail.com) with any requests or questions.

Also, as a reminder, we also have our new "Ask the Attorney" segment. Please email [ask@charneybrown.com](mailto:ask@charneybrown.com) with your questions. Thank you Charney Brown for this new segment.

Hope to see you at our upcoming events!

Sincerely,

**Michael D. Schooley, CPL**  
TAPL President



## NOVEMBER 2020 NEWSLETTER

### In Memory of Rick Spellman

Ricky Layne “Rick” Spellman passed away at the age of 70, on October 24th after a heroic battle against pancreatic cancer.

Rick enjoyed a highly respected career as a Petroleum Landman for nearly 50 years after starting as a field Landman with Texaco in 1972 after his graduation from his beloved Oklahoma State University. He moved to Staff positions with Samson, Weinkauff Petroleum and Dyco Petroleum before promotion to Land Vice President positions at Colt Resources and Reserve Partners L.L.C.

After joining Strat Land Exploration a couple years earlier as a contract Professional Landman, in 2002 he became Vice President of Land where he and his Land staff expanded their operational footprint beyond Oklahoma to include the Texas Panhandle, Northern Louisiana and Southern Kansas. It was here at Strat Land that Rick most enjoyed his professional career. Strat Land began with only 3 operated wells in Oklahoma to eventually operate more than 100 properties. Rick was a tremendous deal maker and had a knack for finding common ground to get the deal put together. His key to success was his perseverance and connections to the entire industry. Although he could have retired long ago, he never did because he loved to collaborate with his colleagues generating new drilling opportunities.



Rick graduated from Oklahoma State in 1972 with a BA in Finance and later completed his MBA at Tulsa University in 1978. Rick also achieved the prestigious accomplishment of obtaining his CPL from the American Association of Professional Landmen and was CPL #70.

Rick is survived by his wife of 18 years, Debbi and his daughter Courtney Powell along with 3 grandchildren and 3 great-grandchildren.

In addition to his work with his Strat Land family, Rick was also passionate about his church home, First Presbyterian Tulsa. He truly was a servant leader filling the role of usher, deacon and elder and spent countless hours over the past 15 years serving in any capacity he was needed.

In his free time, Rick truly enjoyed his time on the golf course. His nearly 25 year membership at Cedar Ridge Country Club brought him endless hours of pleasure and literally hundreds of friends who all fondly refer to him as “PayPal”.

Rick was a dedicated husband, father, grandfather, great-grandfather and friend to all that knew him. His was a life well lived and an example to all of us.



## NOVEMBER 2020 NEWSLETTER

### NOVEMBER MEMBERSHIP DINNER

**Date/Time:** November 9, 2020

**Check-in:** 5:00pm, The Summit Club

**Cocktails:** 5:00pm - 6:00pm, The Summit Club

**Dinner:** 6:00pm - 8:00pm, The Summit Club



Join us at TAPL's November 2020 Membership Dinner Meeting, where TAPL members will hear from WPX Energy's Chairman & CEO, Rick Muncrief.

To view Rick Muncrief's Biography, please click [HERE](#).

Registration is now open! To register and find more info regarding event, please click [here](#)



A huge thanks to our Sponsors for this event!







## NOVEMBER 2020 NEWSLETTER

### NOVEMBER EDUCATIONAL LUNCHEON

**Date/Time:** November 17, 2020, 11:30 AM - 1:00 PM

**Location:** The Summit Club

**Please Join TAPL for November's Educational Luncheon! The event will feature Dr. Jabraan Pasha, MD, who will speak on the topic of "Unlocking Implicit Bias".**

**For more information on the topic, please click [here](#).**

#### **Dr. Jabraan Pasha, MD**



Dr. Jabraan Pasha, MD is a native of Tulsa, OK. He received his medical degree from The University of Kansas School of Medicine and completed his Internal Medicine Residency Training at Mayo Clinic Arizona. Currently, he is an Associate Professor of Medicine and Assistant Dean of Student Affairs for the OU School of Community Medicine. He is also the President of the Tulsa Chapter of the American Heart Association. One of his major interests is the impact of implicit bias on patient care and society. He has presented his workshop Unlocking Implicit Bias over 90 times, including sessions for Mayo Clinic, Spirit Aerosystems, George Kaiser Family Foundation and internationally in Paris, France and Portugal.

**Registration is now open! To register and find more info regarding event, please click [here](#)**



**Unemployed? Don't forget about our Educational Credit opportunity that can be found [here](#)**



## NOVEMBER 2020 NEWSLETTER

### TOYS FOR TOTS - DECEMBER SOCIAL



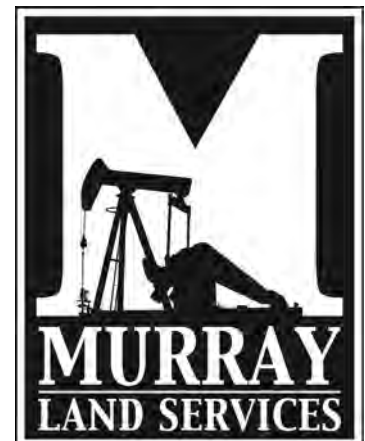
**TULSA**  
Association of Petroleum Landmen



For this years event, we would like members to bring an unwrapped gift (or monetary donation) for the Toys For Tots program.

Stay tuned for more information!

We would like to  
thank our Sponsor for  
this great event!





## NOVEMBER 2020 NEWSLETTER

### FALL SHAMBLE RECAP



TAPL Members,

TAPL hosted our members only Fall Golf Shamble on Monday, October 12th at Tulsa Country Club. Thank you to all the members who came out to enjoy a very beautiful, albeit windy, day on the course.

A huge thank you to all of our amazing sponsors who continue to generously support this event year after year. Our Sponsors are 100% to thank for the success of not only the golf tournaments, but all TAPL events.

The Fall Shamble is extra special because it is TAPL's only member exclusive event of the year and our best opportunity to show our gratitude to TAPL's loyal membership and Sponsors. Thank you to the TAPL Events Committee and Volunteers who worked especially hard to offer the best experience possible to our members. We hope a fun time was had by all!

Sincerely,

Kristina H. Barnes

TAPL Events Director

#### 2020 TAPL Fall Shamble Sponsors







## NOVEMBER 2020 NEWSLETTER

### FALL SHAMBLE RECAP



**Thanks to all for a great event!**





## NOVEMBER 2020 NEWSLETTER

### TAPL MENTORING PROGRAM



#### TAPL MENTORING PROGRAM



#### **VOLUNTEERS NEEDED**

TAPL'S Scholarship, Endowment, Awards, and Mentoring (SEAM) Committee is currently looking for volunteers who are willing to be a mentor for the TAPL and University of Tulsa Mentoring Program. The purpose of the mentoring program is to pair junior and senior Energy Management students at the University of Tulsa with a land professional here in the Tulsa area in order to impact the next generation of land professionals, both during their education and after.

With the challenging times the industry currently finds itself in, it is now more important than ever to invest in this next generation of land professionals as they transition into the oil industry. Many former mentees have become land professionals here in the Tulsa area, and credit the mentoring program and the networking it provides as critical to early success in their careers.

As a mentor, you will be asked to attend a monthly luncheon with your student mentee where you will network with other land professionals, meet their respective mentees, and get to hear from awesome guest speakers within our industry. In addition to monthly luncheons, you will be asked to meet with your mentee once a month outside of TAPL events. Many mentors in the past have used this opportunity to meet up with their mentee for coffee, lunch, or even to bring their mentee up to the office to show him or her the day-to-day tasks of a land professional.

The SEAM committee is also planning a happy hour for mentors and their mentee to attend, in addition to many other fun events!

While these events are subject to change due to COVID, the SEAM committee is currently planning to begin events early this winter. We will continue to keep everyone updated as we near closer to this time frame.

The SEAM committee is very excited for all we have planned for this program and feel this will allow TAPL to have an even greater impact on our community's future land professionals and local Energy Management program. If you are interested in becoming a mentor, please reach out to Dustin Cates at [dcates@paladinlandgroup.com](mailto:dcates@paladinlandgroup.com).

Best Regards,

**Tayler Peterson**

Scholarship, Endowment, Awards, And Mentoring Committee  
*Communications Director*



## NOVEMBER 2020 NEWSLETTER

### 2020-2021 COMPREHENSIVE SPONSORS

**TAPL would like to thank and recognize the following 2020-2021 Comprehensive Sponsors for their generous support!**

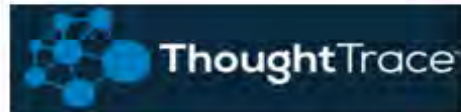
#### GOLD SPONSORS



#### SILVER SPONSORS



#### BRONZE SPONSORS





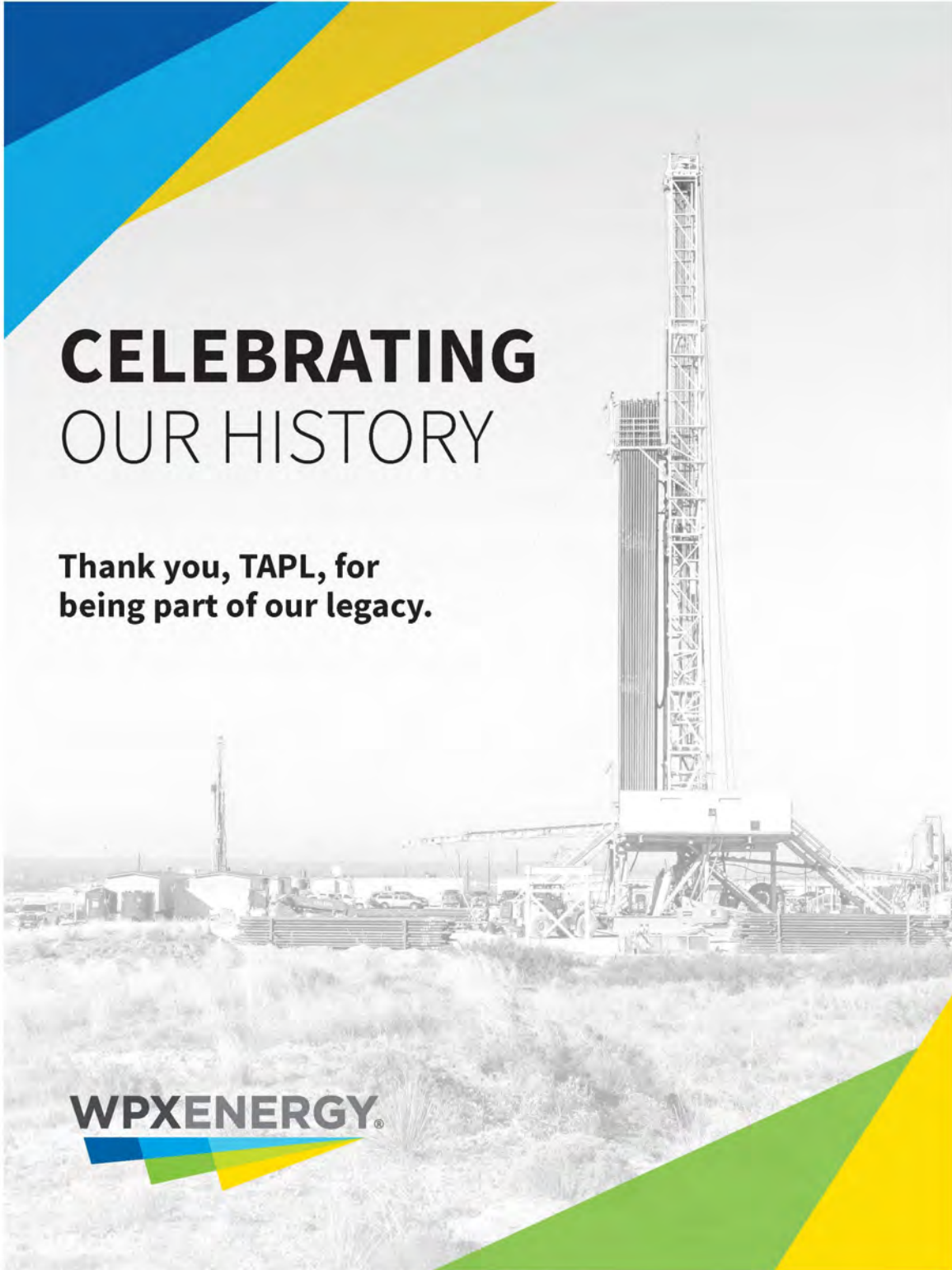
## NOVEMBER 2020 NEWSLETTER

### COMPREHENSIVE SPONSOR SPOTLIGHT

# CELEBRATING OUR HISTORY

**Thank you, TAPL, for  
being part of our legacy.**

**WPXENERGY®**







## NOVEMBER 2020 NEWSLETTER

### COMPREHENSIVE SPONSOR SPOTLIGHT



**70+ Years of  
in-house, major  
basin experience**

### **Specializing in Broker to Barrel Solutions**

Title Examination

Due Diligence

Back Room Data

Lease Acquisition

Title Opinions

Surface/RoW

[ANCHORLANDGROUP.COM](http://ANCHORLANDGROUP.COM)

**Tulsa, OK**

**Denver, CO**

**Oklahoma City, OK**

For more information on becoming a Comprehensive Sponsor, please refer to the next page



## NOVEMBER 2020 NEWSLETTER

### COMPREHENSIVE SPONSORSHIP

# COMPREHENSIVE SPONSORSHIP 2020-2021

*Tulsa Association of Petroleum Landmen*

This year, the TAPL Board decided to enhance its Comprehensive Sponsor experience. We know that, as a sponsor, your objectives are to promote brand awareness and engage with our 250+ (and growing!) members. Throughout this packet, you will find new opportunities, exclusive to Comprehensive Sponsors, that will undoubtedly serve as paths to achieving those goals. TAPL's charge is to facilitate excellent networking and educational opportunities so that each member and company can continue to accelerate their career and business. Sponsorship plays a pivotal role in creating that environment. TAPL looks forward to partnering with you as a 2020-2021 Comprehensive Sponsor.



If interested in becoming a comprehensive sponsor, please contact [Kristina Barnes](#). For full details regarding sponsorship opportunities [click here](#)



## NOVEMBER 2020 NEWSLETTER

### ASK THE ATTORNEY

#### **ASK THE ATTORNEY**

BY JACOB CHARNEY

**CHARNEY BROWN, LLC**

Welcome to "Ask the Attorney." This new monthly segment will provide TAPL members an opportunity to get their energy related legal questions answered—without that hefty legal bill. Whether you have a unique title issue or just a general energy law question, this segment will provide you guidance. Each month I will select one submitted inquiry and provide an analysis.

#### **QUESTION:**

In Oklahoma, does the acceptance of a royalty check by a lessor serve to ratify or perpetuate an oil and gas lease that would have otherwise expired due to lack of production?

#### **ANSWER:**

The mere act by a lessor of accepting a royalty check does not ratify or perpetuate any oil and gas lease that would have otherwise expired due to lack of production.

The typical scenario in which Oklahoma courts have addressed this question is when a lessor brings an action to quiet title, alleging that a lease has expired under its own terms due to lack of production. In such cases, the lessee has attempted to assert the legal defense of estoppel. In essence, an estoppel defense asserts that because the lessor has willingly accepted some benefit from the lessee, such as a royalty payment, the lessor is thereby legally estopped (that is, prevented) from claiming that the underlying lease has terminated under its own terms. In general, Oklahoma courts have found that a lessor's mere acceptance of royalty payments does not give rise to an estoppel defense.

The seminal case on this issue is *Woodruff v. Brady*, wherein the Oklahoma Supreme Court held that "[t]he mere acceptance and retention by the lessor of royalties produced under an oil and gas lease, which has expired by reason of the failure of the lessee to produce oil or gas in paying quantities, are insufficient to work estoppel against lessor to assert the expiration of said lease in an action to quiet title as against the same."

Because the courts have not allowed this defense, the lessor (or, presumably, any other party with the necessary standing) will not be restrained from arguing that the lease has expired under its own terms, even if the lessor has continued to accept royalty payments. Of course, the determinative question will then become whether the lease has in fact expired as a result of insufficient production, which in Oklahoma can be a difficult issue, one that usually depends on the unique facts of each case.

Do you have a energy related legal question? Please submit it for next month's segment to [ask@charneybrown.com](mailto:ask@charneybrown.com)

*"The information contained in this segment is provided for informational purposes only, and should not be construed as legal advice on any subject matter."*





## NOVEMBER 2020 NEWSLETTER

### 2020-2021 TAPL EVENT SCHEDULE

TAPL currently has the following membership events scheduled for the 2020-2021 year:

11/9	Dinner Meeting - Rick Muncrief, WPX Chairman & CEO - Summit
11/17	November Education Lunch—Dr. Jabraan Pasha—Summit Club
12/14	Christmas Social Toys for Tots - Summit Club
1/11	January Social - Location TBA
2/19	Skeet Shoot - Tulsa Gun Club
3/8	Dinner Meeting - Summit Club
4/2	Spring Volunteer - Iron Gate
4/22	Spring Seminar +HH - OU Schusterman, Perkins Auditorium
5/10	Spring Golf Tournament - Indian Springs

More events, such as Educational Luncheons will be added to the above schedule as the dates and venues are finalized.

More information will be communicated to all members as each event gets closer, but go ahead and mark your calendars today! You won't want to miss out on any of these great events! [\(click to link to online event page\)](#)





## NOVEMBER 2020 NEWSLETTER

### UPCOMING AAPL EDUCATION EVENTS

#### AAPL STATEMENT REGARDING CORONAVIRUS

AAPL is taking all developments concerning the coronavirus (COVID-19) very seriously and will continue to closely monitor the situation. At this time, we have made the difficult decision to postpone all in-person education events through **December 31, 2020**, to prevent the potential spread of the virus. We will continue to monitor the situation along with health authorities and the association's volunteer leaders. The health and safety of all our attendees is our highest priority.

*Due to the ongoing uncertainty regarding the coronavirus situation, AAPL will not charge a cancellation fee if you decide to not attend an in-person event in the interim based on concerns around your health or travel.*

#### November 2020 AAPL Education Events

- November 4: Power Hour - AAPL's Code of Ethics and Standards of Practice - V (Webinar)
- November 10: Due Diligence Seminar- Houston, TX
- November 12: Field Landman Seminar (Traverse City, MI)
- November 13: AAPL RPL/CPL Exam Only - Cannonsburg, PA
- November 18: Power Hour - Land Descriptions 101 (Webinar)
- November 19: AAPL Monthly Free Webinar - Comingling Doctrine & Horizontal Wells: Whose Burden is it Anyway?
- November 20: CPL & RPL Exam Only (Forth Worth, TX)

#### Tulsa Specific 2020 AAPL Education Events

- November 13: AAPL RPL/CPL Certification Exam

Click [here](#) to register for these great events and to view a full calendar of educational opportunities.



## NOVEMBER 2020 NEWSLETTER

### 2020-2021 AAPL AWARDS NOMINATION



# MEMBER NEWS

## Call for 2020-21 AAPL Awards Nominations

You are invited to submit your nominations and entries for AAPL's 2020-21 Awards Program, which recognize members and local associations achieving the highest standards of excellence in the land profession.

Visit the [Awards/Nominations](#) section of our website for online award descriptions, submission process and downloadable entry forms.

**Entries may be submitted online or mailed to:**

Aaron R. Yost, CPL  
AAPL Headquarters  
800 Fournier St.  
Fort Worth, TX 76102

**Deadline for all entries is Jan. 10, 2021.**

For more information regarding nominations, refer to link [here](#)





## NOVEMBER 2020 NEWSLETTER

### TAPL EDUCATIONAL WAIVER

To promote the continued education of our members, the TAPL Board has approved educational event funding for unemployed members. To be eligible, you must have been a member during the 2019-2020 year and currently be an Active or Associate member. This credit will apply to the 2020-2021 Spring Seminar and Education Luncheons. Each qualifying member will receive a maximum benefit up to \$150.00 for the 2020-2021 year to be applied towards educational events at your discretion. The credit will be available when signing up for an educational event and applications will be subject to Board approval.

If you are interested in applying to receive TAPL's Education Waiver, you can download the form by clicking the below link.

### [TAPL Education Waiver Form](#)

Please complete the form in its entirety and submit it to Rhonda Stacy at the email listed below for consideration. Once the TAPL Board of Directors has reviewed and approved your application, you will receive instructions on how to register for educational events and will be able to utilize the credit.

If you have any questions or need further information, please reach out to Rhonda Stacy at [rhondalstacy@gmail.com](mailto:rhondalstacy@gmail.com).

Respectfully,

The TAPL Board of Directors





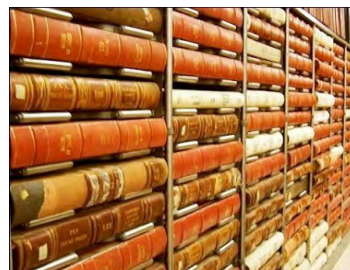
## TAPL NOVEMBER 2020 NEWSLETTER

***Land Links:*** Your source for relevant and interesting industry news and links to helpful resources from around the web



# LAND LINKS

## Paladin Land Group's Courthouse Activity Scout Report



### Local/Domestic News

[WPX Energy Posts Loss of \\$148 Million for 3Q 2020](#)

[Drilling And Fracking Accelerates Ahead U.S. Election](#)

[Williams Posts \\$308 Million in Net Income for 3Q 2020 Performance Results](#)

[Chesapeake creditors create bankruptcy showdown](#)

[Unit Corporation Taps Mark Schell, Drew Harding for New Posts](#)

[ONE Gas Reports Slight Increase in 3Q20 Results](#)

[Diamondback CEO following a go-it-alone shale strategy](#)

### International

[Saudi Arabia Sets Gas Production Record](#)

[Philippines Okays Drilling in South China Sea](#)

[Libya Oil Output Hits 800,000 Bpd](#)

[Argentina Is In Desperate Need Of An Oil Boom](#)

[Why Is Russian Oil So Expensive?](#)

[This Just Became The World's Largest Gas Hub](#)

### **Helpful Resources:**

[Schlumberger Oilfield Glossary](#) - Where the Oil Field Meets the Dictionary. Contains more than 4600 definitions and acronyms for major oilfield activities.

[AAPL Toolkit](#) - An invaluable resource center with facts & statistics regarding the oil & gas industry and our communities and environment. Provides resources needed to become true ambassadors for our industry.

### Regulatory

[Election Effects on Oil and Gas Should Be Gradual](#)

[GOP dominance on Texas Railroad Commission extended with Jim Wright's win](#)

[Trump Signs Order To Protect Fracking](#)

[Oklahoma's U.S. House delegation returns to all Republican](#)

[Oil faces Iran shock if Biden win points to nuclear deal](#)

### **E&P/Industry News Sites:**

- [RBN Energy Daily Blog](#)
- [RBC Richardson Barr](#)
- [Oil & Gas Community](#)
- [Oil&Gas Journal](#)
- [Oil and Gas Investor](#)
- [Rigzone News](#)
- [Fuelfix](#)
- [OK Energy Today](#)



## NOVEMBER 2020 NEWSLETTER

### 2020-2021 BOARD OF DIRECTORS

## *TAPL 2020-2021 Board of Directors*



<b><u>President</u></b>	Michael Schooley, CPL	<a href="mailto:mschooley@cimarex.com">mschooley@cimarex.com</a>
<b><u>Vice President</u></b>	Alisha Stacy	<a href="mailto:alisha.stacy@ymail.com">alisha.stacy@ymail.com</a>
<b><u>Secretary</u></b>	Mariena Martin, RPL	<a href="mailto:mmartin@cetulsa.com">mmartin@cetulsa.com</a>
<b><u>Treasurer</u></b>	Amber Cooke, CPL	<a href="mailto:amber.cooke@wpenergy.com">amber.cooke@wpenergy.com</a> <a href="mailto:tapltreasurer@gmail.com">tapltreasurer@gmail.com</a>
<b><u>Past President</u></b>	Denton Smith, RPL	<a href="mailto:dsmith@cetulsa.com">dsmith@cetulsa.com</a>
<b><u>Membership Director</u></b>	Alex Robinson, CPL	<a href="mailto:alexrobinson@anchorlandgroup.com">alexrobinson@anchorlandgroup.com</a>
<b><u>Events Director</u></b>	Kristina Barnes	<a href="mailto:khoffman@blackbeardoperating.com">khoffman@blackbeardoperating.com</a>
<b><u>Communications Director</u></b>	Elliot Dowling, RPL	<a href="mailto:elliott-dowling@utulsa.edu">elliott-dowling@utulsa.edu</a>
<b><u>Benefits Director</u></b>	Rhonda Stacy	<a href="mailto:rhondalstacy@gmail.com">rhondalstacy@gmail.com</a>
<b><u>Education Director</u></b>	Greg Geist, CPL	<a href="mailto:greg.geist@wpenergy.com">greg.geist@wpenergy.com</a>
<b><u>External Affairs Director</u></b>	Rob Sher, CPL	<a href="mailto:rsher@cimarex.com">rsher@cimarex.com</a>
<b><u>AAPL Director</u></b>	Adam Robinson, CPL	<a href="mailto:arobinson@olifantenergy.com">arobinson@olifantenergy.com</a>





# NOVEMBER 2020 NEWSLETTER

## LANDMAN ACTIVITIES

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Oilfield terms

A C R V Z R E T V Z M B Y J O M W F M B A P D D  
 L G E U X C K I P X U F R A C I N G B E X Y H L  
 D I T S H O K S I Y D S K I O F W N S T V Y N O  
 X R N P R M T C P S P G Z D E Z L U U E J Z Y F  
 K P E I I P L G E T I D R H M S L O K Q U E M F  
 U U V L A A R J L G T E E S Z P B E E E W A K S  
 K K E S C N Y M I I W V V O L A A P X R I E X H  
 C C R T S Y J D N R Q T L V T S I F R S L L D O  
 I A P E G M G I E E Y H N S J P P E I L D A C R  
 R J T Z F A F V Z G N W U B R W H X Y U C N C E  
 R Q U R G N Z U F R M O S E V S Q B Y M A D K B  
 E U O E E W B L Z A R D T J U L U Y V U T M Y U  
 D N W R M M O V Y B U A L P R S X Q W D W A H R  
 X W O H D W M D D Y E I L O H Z R L C E E N D N  
 D B L H L W O B J H X O Z I F Z Z J K N L B Z E  
 C Y B I C B W D C K O F N J U I V F Y G L R Q R  
 W D N S E C M K N T T G R Z D M N C A I L N P W  
 M E K K Z X C A O R M E Y H N L R A S N P I H N  
 D W O D N A H K C I R R E D D H S L M E P J H V  
 U H K L B R P B G B G C C C G N X Z H E K G T H  
 C S V W A P R O T A R Y T A B L E T D R K P Y G  
 K I O W Y Z Z A B V U A I Q G D T O J N A O J B  
 F L E X M Q I M Y I I S M C B L P Z L X N G H Z  
 F P X W W Q N V D C B O U K U E T Y B M J A L C

fracing	flowback	barge rig	flow line
mud pit	kelly bushing	choke manifold	pipe dope
offshore burner	pipeline	derrick hand	mud engineer
roustabout	blowout preventer	chokebody	cheaterpipe
landman	jackup rig	companyman	wildcatwell
rotary table	slips	toolpusher	derrick