



PRESIDENT'S MESSAGE *RE-IGNITING THE FLAME*

Dear Members,

The month of March signifies that Spring is just around the corner; it starts a time of renewal and transformation. The Westbank Club has almost a 100% renewal of their members which is fantastic. It is time to plant more seeds and reap the benefits of Desk and Derrick.

Our guest speakers have been quite interesting and informative, and I am looking forward to the months ahead for the educational programs planned for our members. A field trip is scheduled for early next month and I am planning to attend the Region III Meeting to be held in El Dorado, Arkansas at the end of April to spread the flame of Desk and Derrick.

Our monthly Bulletin, The Westbank Oil Patch, has really been very informative. Please go to the Westbank website and check out the Bulletin, and other information that has been updated.

March is Desk and Derrick Awareness Month so we, as members, need to spread the word of Desk and Derrick by bringing a guest to our meetings. Don't forget: you can take advantage of the Potential Members Reimbursement Program offered by ADDC.

The Scholarship Application deadline is fast approaching; be sure to get them in to take advantage of the Scholarship Program sponsored by the Westbank Club.

Happy St. Patrick's Day to all and Happy Planting!!

SUSAN



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2017 BOARD OF DIRECTORS



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Vice President –Angie Duplessis

Secretary—Gabriella Hunter

Treasurer—Jo Ann Brown

Immediate Past President—Gaylen Guillory

Director—Theresa Adams

Director—Bonnie Wall

Parliamentarian—Alice Gros

2017 COMMITTEE CHAIRMEN

Aimee: Dottie Ancona

Bulletin: Judi Adams

Bylaws: Gabriella Hunter

Election: TBA

Field Trip: Gabriella Hunter

Finance: Dottie Ancona

General Arrangements: Elaine Lesnak

Membership/Orientation: Jo Ann Brown

Nominating: TBA

Program/IAN: Angie Duplessis/Theresa Adams

Scholarship: Gaylen Guillory

Social: Alice Gros

Community Relations: Angie Duplessis



Congratulations!

***Cora Bergeron —winner of
February 50/50 drawing!***



Congratulations!

***Judy and Larry
Guillot
45th Wedding
Anniversary
April 22!***

2017 MEETING SCHEDULE

Board Meetings

January 18
 February 15
 March 15
 April 12
 May 17
 June—No Meeting
 July 19
 August 16
 September 13
 October 18
 November 8
 December 6

Membership Meetings

January 25
 February 22
 March 22
 April 19
 May 24
 June – No Meeting
 July 26
 August 23
 September 27
 October 25
 November 15
 December 12



MARCH 2017

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			Ash Wednesday 1	2	3	4
5	6	7	8	9	10	11
Daylight Savings Cora B12	13	Sigrid V 14	Board Mtg 15	16	 17	18
19	20	21	Member Mtg 22	23	24	25
Vera L 26	27	28				



**Speaker Angie Duplessis and
Club President Susan Miller**



Cora Bergeron: 50/50 Winner

Join us on March 15th!

Guest Speaker:

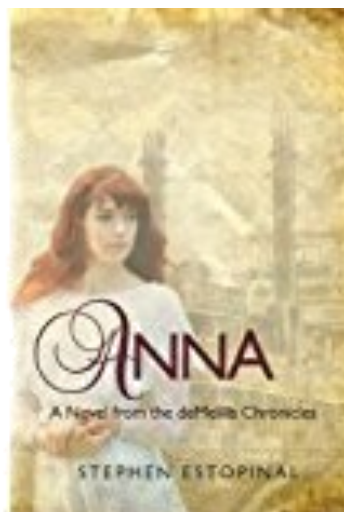
Stephen Estopinal

Topic:

Discovering Spanish Louisiana

Author Stephen Estopinal grew up in the swamps and bayous of Southeast Louisiana. Forced to relocate because of the devastation wrought by hurricane Katrina, Mr. Estopinal now lives in Gonzales, Louisiana which is halfway between Baton Rouge and New Orleans. A land surveyor and civil engineer, he has written numerous professional articles as well as two textbooks.

Intrigued by the study of local history, a requirement of boundary survey research, and fascinated by family oral history told to him by his Isleño Grandfather who spoke the 18th Century Canary Island accented Spanish, Estopinal became a "Living History" volunteer at the Jean Lafitte National Park where recreations of the Battle of New Orleans included living and sleeping as did the original defenders two hundred years ago.



Grand Cayman

By Judi Adams

In November 2015, the cruise ship pulled into the port at Grand Cayman for a daylong visit. As we pulled up around sunrise, I was on the balcony taking photos. The first thing I noticed as we approached was the battery of tanks on the promontory near the dock area. So, I took the photo on the next page and started wondering, How do they get their energy? What do they pay compared to the rest of the world? It has to be expensive to drive a vehicle and to have air conditioning (reportedly available in 89% of residences) on a Caribbean island where the sources of energy are pretty limited. A bit of research yielded the following information:

The main operator supplying energy is the Caribbean Utility Company (CUC). CUC relies on diesel generation to produce electricity for Grand Cayman. The island has no hydroelectric potential or inherent thermal resources, and CUC must rely on diesel fuel imported to Grand Cayman primarily from refineries in the Caribbean and the Gulf of Mexico. The fuel is transferred by pipeline from suppliers' tanker terminals to CUC's centralized generating power plant that is located on the outskirts of George Town.

In mid-2016, CUC commissioned two 18.5 MW (megawatt) V48/60 medium-speed diesel generating units and a 2.7 MW steam turbine powered through a waste heat recovery system, which are housed in a new power house built specifically for that use

The transmission and delivery system is comprised of 8 major transformer substations, approximately 387 miles of overhead high-voltage (69 kilovolt and 13 kilovolt) and 53.8 miles of underground high-voltage (69 kilovolt and 13 kilovolt) lines and 14 miles of high-voltage submarine cable on the island. The lines and substations are designed to withstand the high winds and flooding that might result from a hurricane.

In 2015, the total value of goods imported into the Cayman Islands declined by 6.3 percent to CI\$763.0 million versus CI\$814.4 million in 2014. This decline reflects the fall in oil prices in the international market, with the total value of petroleum products imported falling by 39.2%. But, local demand continued to strengthen indicated by a 7% increase in the volume of fuel imports from 49,544 imperial gallons in 2014 to 53,018 imperial gallons in 2015, while non-petroleum products only increased by 2.0%. The average cost of utilities for 2 people living in a small apartment is almost \$400 compared to about \$160 in New Orleans.

International politics, along with business and economic circumstances and newer technology used in the extraction of oil combine to impact global energy pricing but generally not affecting the Cayman Islands economy.

Today, however, instead of raising the cost for each barrel of oil pumped from the ground, the world's petroleum-producing nations have actually lowered their prices substantially, in part because of a glut of product on the world market. Not so in Cayman. Prices at the pump here have fallen less than 20 percent from the previous norm. A recent study showed only about a dollar drop in the price of a gallon of gas between October 2014 and late January 2015, when gasoline was selling at \$4.60. The current price (February 2017) of self-service gasoline is about \$4.40-4.47/imperial gallon. The (import) duty component of gasoline is 75 cents per imperial gallon and 85 cents for diesel.

Experts in energy economics say the causes of the Cayman Islands' relative immunity to the drop in fuel costs are quite complicated. The Cayman Islands doesn't have a refinery anywhere nearby. Florida doesn't have a refinery, either. All of the fuel has to be shipped in and moved by a vessel that has to be leased from whomever, outfitted and operated by somebody. In 2013, it was estimated that about 92% of all imported materials came from the U.S. Oil and related products made up nearly 30% of the country's total imports.

The fuel is purchased in small quantities that are kind of a bother for the producer or seller. And with the glut of fuel supply around the world right now, everyone wants to lease a barge instead of purchasing and operating their own. That raises the price for leasing. The product then has to be handled at a refinery in Texas or Louisiana, transferred onto the leased barge, and specially floated to Cayman.

An equivalent shipment of gasoline for cars or diesel (mostly to run the islands' electric generating plants) in Houston, for example, relies on a fleet of trucks to deliver directly from a nearby refinery. The transfer is quick, easy and cheap, unlike such a transfer from a U.S. Gulf-coast refinery to Grand Cayman. And, on top of that, there are fixed costs such as government taxes that are not affected by the price of crude oil.

The island of Grand Cayman covers about 69 acres of land and has a population (2013) of about 56,000. A combined visitor (air and cruise ship) estimate of 1.6 million/year has a pretty large impact on the energy structure, no doubt. The 2013 statistics indicate approximately 25,000 private vehicles, 6,000 trucks, and 200 taxis "passed inspection." There are also about 1,500 rental vehicles on the island.

So what does this all mean in the long run? Not much to the U.S. with total trade of only about \$780mm in 2016, ranking it #99 in top trade partners. But, to the residents and visitors on Grand Cayman it certainly means a lot.





Westbank Business & Industry Association (WBIA = Formerly HCIA: Harvey Canal Industrial Association) For companies along the Harvey Canal for the purpose of development and improvements of industrial businesses along the Harvey Canal Corridor. The Harvey Canal is 6.5 miles long from the Mississippi River to its intersection with the Gulf Intracoastal Waterway (GIWW). The principal land use and economic activity along the route is industrial/commercial and consists mostly of marine, construction and fabrication facilities. Today the WBIA is an association consisting of companies that are along the Harvey Canal and businesses who serve the corridor throughout the New Orleans region. The WBIA Board of Directors work hard to be the voice of the business community and is dedicated to support, improve and protect the interests of its membership.

1946: Coming together

Five Businessmen came together to discuss common problems along the Harvey Canal. Their main philosophy was to look out for the betterment of the businesses and the community as a whole.

1954: First Board of Directors

Richard McGinity, President, Wallace Taylor, First VP, William Spranley, Second VP, Gene Stumpf, Secretary, Philip DeAmore, Treasurer, Melton Garrett, Joseph Boudreaux, Gene Hooper, and George Frierson, Jr. became the first official board for the Westbank Business & Industry Association. A nonpolitical corporation organized to represent the men and women of the business and professional interest of the community of Harvey. To promote friendly relations and a spirit of cooperation in the solutions of all problems of mutual concern, the exchange of ideas and opinions on matters of common interest and the advancement of those things which make for a better government. To cooperate and advise with Parish and State Government toward the civic betterment of the community as a whole.

1960's Focus Project

Expansion of Lapalco Boulevard, including the Harvey Canal Bridge.

1970's Focus Project

Elevated Westbank Expressway

1980's Focus Project

Unemployment and Workers Comp Task force was catalyst for change and the beginning of LWCC today. Flood Protection Project of businesses East of the Harvey Canal.

1990's Focus Project

Flood Control (SELA funding) and Hurricane protection projects.

2000-03 The New Millennium

The widening of Peters Road.

2005: Focus Project

The Devastation of Hurricane Katrina brought the association together daily. JEDCO helped to get businesses back up and running. Worked with parish and state, USCG, and Corps of Engineers.

2006: Focus Project

Huey P Long Bridge widening project.

Peters Road Extension Project.

West Closure Complex flood protection project.

2010: Focus Project

Deepwater Horizon Oil Spill.

2011-12: Focus Project

Crescent City Connection Task Force to evaluate all operations under the jurisdiction of the CCCD and determine, if the tolls are NOT renewed, what resources or funding is in place to maintain and police the bridge.

Occupational License tax modifications to protect the manufacturers along the HC Corridor

Coast Guard Hurricane Evacuation Regulations.

2013: Projects

2013: Belle Chasse Tunnel & Bridge alternatives with DOTD, RPC, Plaquemines Parish

2014-2015: Projects

Continued work with Peters Road Extension to eliminate the traffic back-ups at both Manhattan and Barataria Boulevard.

Harvey Canal Revitalization task force.

Workforce initiatives to provide Louisiana's Workforce with industry based certification.

2016: Today

After 70 years of service to the West Bank business community along the Harvey Canal, there is a new name - Westbank Business and Industry Association (WBIA) - for the former Harvey Canal Industrial Association (HCIA).

Today, WBIA is an association consisting of companies beyond the Harvey Canal corridor and the energy related industry. Our members are located in several parishes on the west and east banks of the Mississippi River throughout the metropolitan area.

Submitted by: Bonnie Wall

Source: <http://wbianola.com/about-hcia-harvey-canal-association-history.html>



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REGION VI DIRECTOR
Wendy Sparks
Carl E. Gungoll Exploration Inc.

REGION VII DIRECTOR
Marilyn Carter

Maggi Franks
President

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(304) 206-7377 M

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maggsmf@aol.com

March 2017

Dear friends and fellow members,

Happy Desk and Derrick Awareness month!! Each year, as members, we try to make our communities, coworkers, and employers aware of just how important our Association is in educating the world about energy. We need to broaden our reach. Last year we started allowing anyone with an interest in the energy industries to join ADDC. We need to follow that up by introducing ourselves to those people. Reach out to your local papers, radio stations, news agencies, or colleges; anywhere you might think there might be interested parties. One of the things the Public Relation / Trade Show Committee has been tasked with this year is to find a PR Firm for the Association. Until then, it is up to us to be our own promoters. I challenge each of you to spread the word about ADDC to 3 people this month: 1 person at your office, 1 person in your community and 1 random person that you think might be interested. Even with our low numbers, if we each reach out to 3 people – we will have told over 5,000 people about Desk and Derrick. If we can get even 6% of those people to join or even spark their interest, our numbers could be over 2,000 again in no time.

We need to focus on more than recruiting new members; we need to retain our current members. ADDC was affected by the downturn in our industries, and we lost many members. As the industry experiences the upswing, we will reach out to our former members and bring them back. We will provide more educational opportunities for our members. We will show our employers the advantages of having a member of ADDC as an employee. By doing all of these things, we can strengthen our Association from within.

The minutes from Budget & Planning are now available on the ADDC Website, as is the 2017 ADDC Budget. You will notice that for the second year in a row we are presenting an unbalanced budget. As our numbers dwindle, we are losing our primary source of revenue. You will see in the report of the Rules committee that the Board is proposing six bylaw amendments. For the most part they are a result of the unbalanced budget. We will be asking for a dues increase. To many of us this will seem to be a large increase, and it is larger than anything we have requested from membership in the past. There is a reason behind our request. Even when this passes, we will still be operating at a deficit, and keep in mind it will not go into effect until 2018. The additional revenue will help us keep afloat for a few additional years, but it is not the complete resolution of our financial difficulties. The board is seriously looking into other sources of revenue. We started by investing some of our funds in 2015, again this is not a quick fix. An Ad-Hoc committee, formed at B&P, is looking into creating advertising packages that can become a serious revenue stream.

What's the point behind all of this? We believe in ADDC. We want to continue the legacy left to us by Inez Awty Schaffer. If we all work together we can ensure that ADDC will thrive for another 68 years.

Until next month,

Maggi Franks

Region III Director's Newsletter

March 2017

Claudia Prather
Region III Director
budckp@gmail.com

Dear Region III Members:

March is going to be an exciting month for Desk and Derrick members. Clubs will be preparing for membership drives, orientation programs, or meet and greet luncheons. Since March is Desk and Derrick Awareness Month, your club President may want to contact your local Mayor's office to see if he or she would be willing to do a Proclamation at your March meeting. If you really wanted to step out of your comfort zone, then you may even consider asking your state's Governor for a proclamation.

There is still a need to fill the ADDC Region III Rep position for the Publication Committee. Also, due to unforeseen additional work responsibilities, the Program Rep is relinquishing her duties on this committee. This means there is a need to fill the ADDC Region III Rep position for the Program Committee. I encourage you to step up and volunteer to be the Regional rep for one or both of these committees. The Nominating Committee has been working hard and I am pleased to announce they have been successful in obtaining not just one candidate for RD Elect, but two candidates. Way to go, Kathy Denley, Alice Gros, and Angie Duplessis! All of your hard work has paid off. The candidates' information will be sent out to the Club Presidents very soon.

Be sure to mark your calendars and make plans to attend our Region III Meeting on April the 27th through the 30th. I hope you will join us and share your Open Hands so you can also Receive by Giving. The El Dorado club has had many last minute obstacles to overcome in the planning of this meeting. However, like all of Desk and Derrick members, they are persistent and have overcome these hurdles. I know it is going to be a fantastic experience for everyone. Check with your Club Presidents to obtain a packet with all of the educational field trips, seminars, and exciting activities that will be offered at this meeting. Please make your reservations directly with the Holiday Inn Express in El Dorado.

I would like to encourage you to go to the ADDC website and look at all of the valuable information that is there. It is also a great tool to answer a variety of questions that you may have. There is going to be several amendments that will be sent out to members in the near future. The website may be a good resource to view them once they are posted after being sent out to the membership.

Wishing everyone a Happy St. Patrick's Day and may your day be filled with lots of good luck as well as lots of green.

Claudia Prather



Board of Directors

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Maggi Franks
K & E Computer Services

PRESIDENT ELECT

Christina Forth
ADG International

VICE PRESIDENT

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SECRETARY

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Murphy USA

TREASURER

Tammy Watkins
CTKW Petroleum Land Services, LLC.

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EXECUTIVE ASSISTANT

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Silver Oil & Gas, Inc.

REGION I DIRECTOR

Bev Roberts
American Refining Group

REGION II DIRECTOR

Jan Bell
Advanced Energy LLC

REGION III DIRECTOR

Claudia Prather

REGION IV DIRECTOR

Evelyn Green

REGION V DIRECTOR

Joan Cartwright
Bark Royalty Co. LTD

REGION VI DIRECTOR

Wendy Sparks
Carl E. Gungoll Explosion Inc.

REGION VII DIRECTOR

Marilyn Carter

Mark Loch
Association Distribution Office Manager
(ADO)

Association of Desk and Derrick Clubs
P.O. Box 847
Bethany, OK 73008

(405) 543-3464 O

Email: ado@addc.org
Website: www.addc.org

Good afternoon ADDC Board and Members; Welcome to spring.

2017 is moving by very quickly, winter is turning to spring in many places and with the season change comes longer days and longer times to enjoy being outside enjoying creation and the warmer weather and sunshine.

The ADDC Regional meeting schedule heats up in March as meetings will be finalized. Region II meeting will take place at the end of March. I know that the Region II meeting will be a stellar success. I hope everyone in Region II is making plans to attend.

Membership renewals are coming in at a steady pace to ADO and are being processed. I appreciate all clubs efforts to get their renewals in by the deadline of February 28th, 2017. If you miss the deadline, do not fear, ADO will accept renewals on a continuing basis so encourage all clubs to stress to their membership the importance of membership renewal and the benefits of ADDC as the leading education and networking organization within the Energy and allied industries.

I am looking forward to working in organizational development this year and am looking into ideas of ways to continue to grow the ADDC on a continuing basis. If anyone has any suggestions to this end please call or email me with those suggestions. If we all work together we will have great and strong ADDC for years to come.

Please be sure to submit your club program report timely each month to your Regional Program representative. ADO keeps a record of all of these reports. They are needed as proof to the I.R.S. that the ADDC is maintaining educational programs as required for our 501c6 classification.

If you have any questions regarding the completion of the program report form, please contact your regional program representative or ADO. I will be happy to assist in any way I can.

Enjoy your St. Patrick's Day and I look forward to seeing and speaking with all of you during the year.

Let's keep ADDC Great

Sincerely;

Mark Loch
ADO Manager
ADDc



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AOG International

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February 24, 2017

To: All Club Presidents

From: 2017 ADDC Nominating Committee

Re: Nominations for 2018 ADDC Officers

The 2018 Officers of the Association of Desk and Derrick Clubs will be elected at the 2017 ADDC Convention to be held in Denver, Colorado. The ADDC Nominating Committee is currently accepting nominations for the following 2018 ADDC Officers:

President-Elect
Vice President
Secretary
Treasurer

The deadline for all nominations to be received by the Nominating Committee Chairman is **June 2, 2017**. Any nominations received after that date will not be considered by the Nominating Committee.

Requirements and procedures for submitting nominations and the duties of the Officers are described in the Association Bylaws and can be found on the ADDC website in the Guidelines section. All candidates for nomination to ADDC offices shall:

1. Have served or be serving as Regional Director
2. Be employed in the petroleum, energy or allied industries
3. Be bondable.

The ADDC Officer Nomination Forms are available in the Forms section of the Members Only pages of the ADDC website (addc.org).

Please send all nominations by the **June 2, 2017** deadline, including NOMN1, NOMN2, and NOMN2A forms, along with a photo of candidate to Linda Rodgers, Nominating Committee Chairman, via mail at the address above or via e-mail at lindar@pescoinc.biz.

Linda Rodgers



ADDc
Chairperson
Kathy Bickel
Bay Area Club-
Region II

REGION I REP
Carrie Harmon
Buckeye

REGION III REP
Susan Miller
Westbank

REGION IV REP
Debbie Rowe
Corpus Christi

REGION V REP
Shelly Rogers

REGION VI REP
Sharon Hess
Great Bend

REGION VII REP

Kathy Bickel
ADDc Public Relations/Trade
Show Chairperson

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MARCH NEWSLETTER

The representatives of the ADDc Public Relations/Trade Show committee for 2017 are in full swing this month...**MARCH is DESK AND DERRICK AWARENESS MONTH!**

Our plate is full this year and the PR/Trade Show Committee will be asking for each Club's help as we prepare to reach out and connect with universities and colleges who offer higher education programs in the oil and gas and energy sector. We will be reaching out to each Region's Oil and Gas Associations and Energy Related Trade organizations to network. We have been asked by the ADDc to locate a Public Relations Firm who deals with Energy and Educational issues to better promote our Association. Your Region Representatives need to hear from you...does your employer use a PR firm who can help us? Do you belong to an Energy related trade organization who we can share information with? And most of all, we need each of you to promote Desk and Derrick with your co-workers, vendors, and associates you know in the oil, gas, and energy allied industries. **YOU** the member are the best PR!

The Public Relations Committee is pleased to announce that we are accepting official nominations for the ADDc Distinguished Member Service Award, the ADDc Distinguished Energy Service Award, and the ADDc Special Achievement Awards for 2017. These prestigious awards are presented annually at the ADDc Convention to deserving members, clubs, employers and outstanding individuals who promote and support the Associations' educational goals and energy industries.

The ADDc Distinguished Member Service Award is awarded to a Desk and Derrick member who demonstrates outstanding service and/or contributions including but not limited to:

- 1) Benefit to the Association of Desk and Derrick Clubs
- 2) Years of membership
- 3) The contribution to the Association must be well known and/or merit recognized and be shared with others (members, clubs, regions, etc.)

The ADDc Distinguished Energy Service Award is awarded to non-members in recognition of outstanding service to the petroleum, energy, and allied industries, and support to the Association of Desk and Derrick Clubs in some manner.

The ADDc Special Achievement Award consists of (3) categories: D&D club member, club and committee. The guidelines are as follows:

1. A Desk and Derrick Club member nomination may be granted for individual accomplishment that has benefited the Association and helps further its educational purpose. No more than two (2) members may be granted this award each year.

2. A club nomination may be granted for an outstanding contribution to the Association in the form of a special project, a workshop and or seminar. No more than two (2) clubs may be granted this award each year.

3. A committee nomination may be granted for a special project, a seminar and or workshop that has been of benefit to the Association. No more than two (2) committees may be granted this award each year.

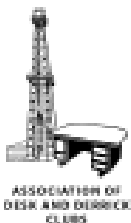
Further guidelines are available on the ADDC website, or contact your Region Representative or Region Director. The deadline for submitting nominations is JUNE 15, 2017, 5:00 pm (EST). This should give each club plenty of time to submit a worthy nominee, and we have a lot of them within our organization!

The NAPE Summer Expo will be held in Houston, TX on August 16-17, 2017. This annual Summer NAPE expo in Houston is a networking event that brings together all the players necessary to forge, facilitate and close deals. This event offers producers and purchasers a unique chance to connect, reconnect, and make deals. More intimate than the annual NAPE Summit, this show is a "must attend" event to network with the people and players who have firsthand knowledge of the opportunities and prospects throughout the area. The ADDC is proud to be a part of this great event, and plans are underway for the ADDC to have a booth and be a part of this great event. Thank you to the ADDC members who manned the booth during the Winter Expo in February.

And finally, the Public Relations Committee is looking for a Representative in Region VII. Our committee is hoping to fulfill the agenda that the ADDC Board has asked us to do, and with each member's help, we can achieve these lofty goals.

On behalf of the Regional Representatives and myself, we thank you!

Kathy Bickel
ADDG Public Relations Chair



ASSOCIATION OF DESK AND DERRICK CLUBS
2017 BUDGET AND PLANNING HIGHLIGHTS
JANUARY 13-14, 2017

- General consent given for March 1, 2017 as the deadline for submitting proposed amendments to the ADDC Bylaws and/or Standing Rules for presentation to the delegates at the 2017 ADDC Convention.
- General consent for June 2, 2017 as the deadline for receiving nominations for the 2018 ADDC Board.
- General consent to send five (5) EABs to each Region Director for use at their Region Meetings as advertising and information for the books.
- Brainstorming session – The Board established a plan for 2017, with the President assigning tasks to the Board of Directors, ADDC committees, regions, and clubs.
- General consent to reduce the selling price of the Canadian version of EAB to \$1 to reduce the 4,800 books in inventory.
- Brainstorming session – The Board discussed current ADDC issues and possible resolutions.
- General consent to send ADO Manager, Mark Loch and ADDC Webmaster, Wayne Ammons to different region meetings to give presentations on what they do for the Association.
- General consent to approve the registration fee of \$225 for the 2017 Convention, a logo for the 2018 convention, \$1,000 per year (2017-2019) stipend for the 2019 Convention.
- General consent to approve ADDC Webmaster, Wayne Ammons' contract.
- General consent to approve the 2017 Budget.
- General consent to use Mike Gray, CPA, to conduct the annual accounting review for the Association.
- General consent to continue using Arvest and Bank of America.
- General consent for an ad hoc committee consisting of Donna Siburt, Jill Coble, and Theresa Adams to identify criteria for future convention registration scholarships to be paid from Association funds.
- General consent to move forward with working with Valero to offer ADDC members the use of Valero Travel Services via a link on the ADDC website

What Do They Do?

Mark Loch is ADO Manager for ADDC. He began the position in October of 2016. He has been a member of the Red Earth Desk and Derrick Club since 2007. Mark's duties with ADDC involve managing the day-to-day operations of the ADDC which includes but is not limited to tracking membership documents and dues, working with the ADDC Board and Treasurer to assure all accounting is accurate and up to date, managing the accounts payable and receivable for the ADDC as well as processing bank deposits and handling all Emails and correspondence from the ADDC board and membership. Mark also fields questions via phone from ADDC members, the Board and potential new members to the organization. Mark's position as ADO Manager also consists of ADDC organizational development. Mark has worked in the energy industry since 2007 and holds a Master's Degree in Energy Management from Oklahoma City University. Mark is always available to assist you with any questions or matters involving the ADDC.

Mark further assists the board with completing ADDC related action items, Mark helps the committee chairs with information requests; keepings track of inventory items, such as the trade show booth, brochures, member certificates, pins and the Energy Activity Books (EABs). Mark handles shipping and receiving of all promotional and educational materials for the ADDC. Mark also is one of the editors of *ADDC Insight*.

If you need assistance from the ADO Manager, please contact Mark at ado@addc.org.

Wayne Ammons is the Webmaster for ADDC. He began the position in November 2013—after redesigning the Association website—and he has continued to improve and expand the website and the Association's Internet footprint over the past 4 years.

He has worked in the energy industry since 1993 and holds a Bachelor of Science Degree in Business Administration—Finance Major, Information Systems Minor—from Fairmont State University. Wayne has been a member of the West Virginia Desk and Derrick Club since 2015.

Wayne's duties with ADDC encompass managing the day-to-day support and maintenance of the Association and Regional websites and the second generation membership database, including custom web and database programming and comprehensive technical support. In addition, he fields technical questions from ADDC members, the Board, and the ADO. Wayne is always available to assist you with any questions or matters involving technology, the ADDC website and the Regional websites. If you need anything shared, changed or improved on the Association or Regional websites, please contact Wayne. Speaking of the Regional websites, if you need to know something happening in your region, you can look there, too!

In an effort to promote efficiency and alleviate confusion, all website posting submissions, all website corrections, and all website technical support and improvement inquiries should be submitted to your Webmaster—Wayne. He is an asset for your and the Association's benefit.

Wayne currently chairs the Technology Committee and oversees our social media presences—currently *Facebook*, *LinkedIn* and the *ADDC President's Corner* blog. If you need anything shared on ADDC social media sites, please forward those items to Wayne. He is also one of the editors of *ADDC Insight*.

If you need technical assistance, please contact Wayne at webmaster@addc.org or **304-HEY-HELP (304-439-4357)**.

Joules of wisdom (source: energy.gov)

10 Things You Did Not Know About Enhanced Geothermal Systems

10. Geothermal technologies use the naturally occurring heat located in shallow ground, hot water and rock below the earth's surface to generate electricity. Geothermal is considered a renewable source of energy because the earth's core generates nearly unlimited heat.
9. The United States generates more electricity through geothermal energy than any other country in the world. The leading state -- California -- generates 79 percent of the nation's geothermal electricity.
8. With current geothermal technologies, electricity can be generated only where three key conditions are met: heat, fluid and natural permeability at depth. Small underground pathways conduct fluids through the hot rocks, carrying energy in the form of heat through wells to Earth's surface, driving turbines and generating electricity.
7. Breakthrough technology called Enhanced Geothermal Systems -- or EGS -- can generate electricity anywhere there is hot rock at depth, greatly expanding the potential for geothermal power in the United States.
6. EGS are man-made reservoirs created by drilling wells thousands of feet below the earth to access hot rock at the earth's crust. Highly pressurized cold water is pumped through the wells to cause pre-existing fractures of the hot rock to open up, increasing permeability. This enables the water to flow through the cracked rock and pick up heat. The resulting hot water pumps back to the surface where it is depressurized to make steam, which spins a turbine to generate electricity. The water is then cooled and pumped through the wells again, repeating the same process and creating a closed-loop system.
5. The Energy Department supports research and development at five active EGS demonstration projects in Nevada, Idaho, Oregon and California.
4. The U.S. Geological Survey estimates that EGS could provide 100 gigawatts of geothermal resource capacity in the United States -- enough to power about 100 million homes.
3. EGS provides power around the clock and emits little to no greenhouse gases. The technology also allows for geothermal development outside of the western United States, where most hydrothermal resources are located.
2. The Energy Department's future Frontier Observatory for Research in Geothermal Energy, called FORGE, will be the first-of-its-kind field laboratory that will enable scientists and researchers to develop, test and accelerate breakthroughs in EGS technologies.
1. When it is fully implemented in 2020, FORGE will also allow researchers to collect and disseminate data in real time and identify low-risk, replicable pathways to commercial EGS development.

GEOHERMAL 101

One of the most innovative applications of geothermal technologies is **ENHANCED GEOTHERMAL SYSTEMS (EGS)**. With EGS, we can use the heat from the earth to generate clean, renewable electricity in areas that lack traditional geothermal systems.

EGS technologies utilize directional drilling and pressurized water to capture energy from resources that were once considered uneconomical or unrecoverable.

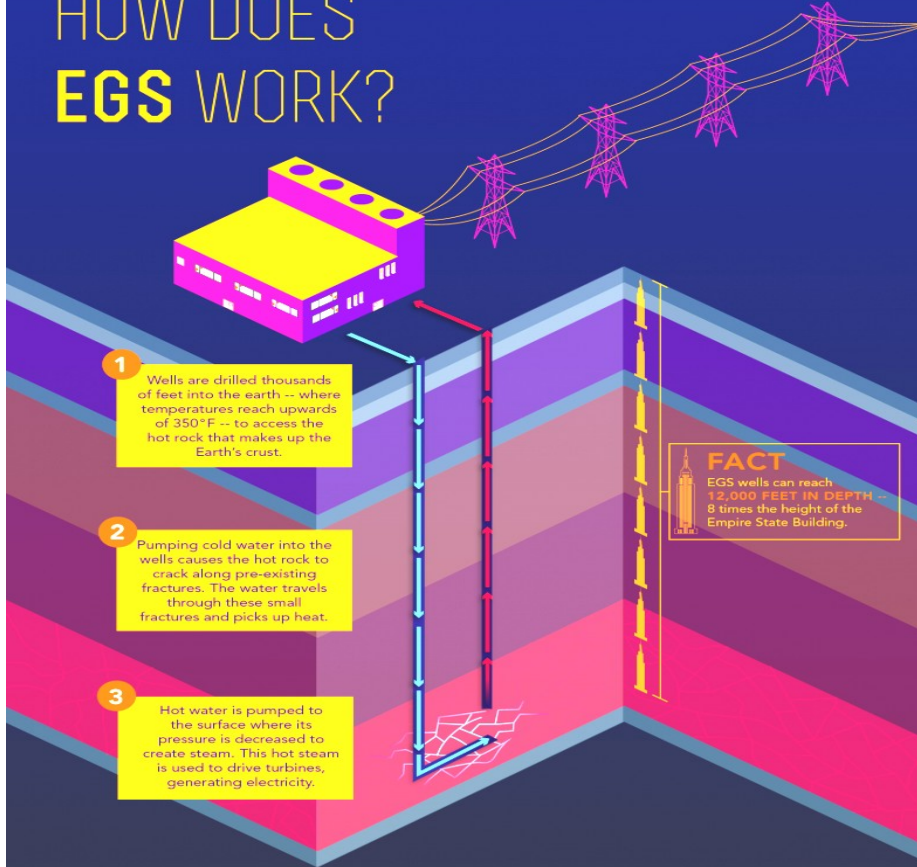
The Energy Department works with industry, academia and National Lab partners to improve EGS technology and speed commercial-scale deployment.

Researchers estimate EGS could provide

100 GW

or more of **COST-COMPETITIVE** generating capacity -- enough energy to power about **100 MILLION HOMES.**

HOW DOES EGS WORK?



WHY DOES EGS MATTER?

LOCATION, LOCATION

EGS can capture power from anywhere there is sufficiently hot rock -- exponentially increasing the reach of geothermal development in America.

PLANET FRIENDLY

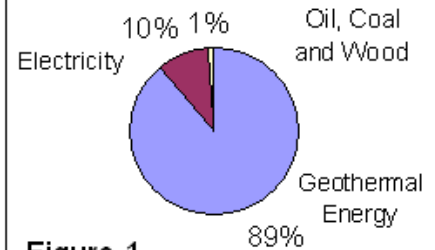
With little to no greenhouse gas emissions, EGS has a minimal environmental footprint and is virtually carbon free.

ENERGY CONSTANT

EGS supplies energy around the clock, minimizing the need for energy storage technologies.



How do People in Iceland Heat Their Homes?



Visit the Westbank Club web page for links to educational videos:

<http://westbankdandd.org/>

[OilPatch.htm](http://westbankdandd.org/OilPatch.htm)

Westbank Oil Patch

2017 Dates to Remember

- ☆ **ADDC Convention**—September 19-24
- ☆ San Antonio TX
- ☆ **Region I Meeting**—May 18-21
- ☆ Niagara Falls, NY
- ☆ **Region II Meeting**—March 30-April 1
- ☆ Terre Haute, IN
- ☆ **Region III Meeting**—April 26-30
- ☆ El Dorado, AR
- ☆ **Region IV Meeting**—April 5-8
- ☆ Corpus Christi, TX
- ☆ **Region V Meeting**—April 21-24
- ☆ San Angelo, TX
- ☆ **Region VI Meeting**—April 27-30
- ☆ Tulsa, OK
- ☆ **Region VII Meeting**—May 31-June 3
- ☆ Grand Prairie, AB

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Westbank

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GREATER KNOWLEDGE—GREATER SERVICE

Visit us on the WEB.
www.westbankdandd.org
www.addc.org

ADDC Mission

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.

Westbank Oil Patch is published by the Desk and Derrick Club of the Westbank to provide information to its members regarding the ADDC (at all levels—Association, Region, and Club) and energy and allied industries .

Byline and credited articles represent the views of the authors and editor. Publication neither implies approval of the opinions nor accuracy of facts stated.

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