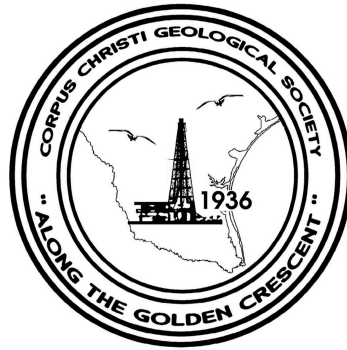


# **BULLETIN**

**Corpus Christi  
Geological Society**



and

**Coastal Bend  
Geophysical Society**



**September  
2015  
ISSN 0739 5620**

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2015-2016

[www.ccgeo.org](http://www.ccgeo.org)

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**COASTAL BEND GEOPHYSICAL SOCIETY**  
**P.O. BOX 2741 \* C.C. TX. 78403**  
**2015-2016**

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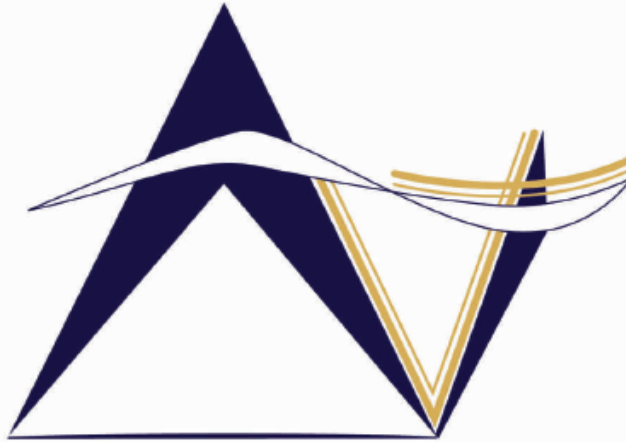
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	Randy Bissell	361-885-0113	<a href="mailto:randyb@headington.com">randyb@headington.com</a>
Golf Chairman	Fermin Munoz	361 960-1126	<a href="mailto:fmunoz04@hotmail.com">fmunoz04@hotmail.com</a>
Scholarship/ Chairman	Ed Egger	361-947-8400	<a href="mailto:edegger69@gmail.com">edegger69@gmail.com</a>
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## CCGS/CBGS JOINT MEETING SCHEDULE 2015-2016

September 2015							October 2015							November 2015						
S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S
		1	2	3	2	5					1	2	3	1	2	3	4	5	6	7
6	7	8	9	10	11	12	4	5	6	7	8	9	10	8	9	10	11	12	13	14
13	14	15	16	17	18	19	11	12	13	14	15	16	17	15	16	17	18	19	20	21
20	21	22	23	24	25	26	18	19	20	21	22	23	24	22	23	24	25	26	27	28
27	28	29	30				25	26	27	28	29	30	31	29	30					

Sept. 10, 2015  
5:30p.m.—8:30p.m.  
Kickoff BBQ  
Hoegemeyer’s Barbeque Barn

Oct. 28—11:30a.m.—1:00p.m.  
Speaker: Neil Peake, CCG Geo  
Consulting Seismic Reservoir  
Characterization.  
“Unconventional Reservoirs:  
An Integated Workflow  
Incorporating Surface Seismic,  
Mineralogy, & rock Properties  
in the Haynesville Shale.”

Nov. 18—11:30a.m.—1:00p.m.  
Speaker: Lorenzo Garza & Joe  
Stasulli, Railroad Commission of  
Texas. “Horizontal Drilling in Texas:  
A Tale That Begins in the Austin  
Chalk, but Whose Ending Has Yet  
To be Written.”

December 2015							January 2016							February 2016						
S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S
		1	2	3	4	5						1	2		1	2	3	4	5	6
6	7	8	9	10	11	12	3	4	5	6	7	8	9	7	8	9	10	11	12	13
13	14	15	16	17	18	19	10	11	12	13	14	15	16	14	15	16	17	18	19	20
20	21	22	23	24	25	26	17	18	19	20	21	22	23	21	22	23	24	25	26	27
27	28	29	30	31			24	25	26	27	28	29	30	28	29					
							31													

Dec. 9—11:30a.m.--1:00p.m.  
Speaker: Dmitri Bevc, Ph.D.,  
SEG Distinguished Lecturer  
“Full Wave-Form Inversion:  
Challenges, Opportunities and  
impact”

Jan. 20--11:30a.m.—1:00p.m.

Feb. 17—11:30a.m.—1:00p.m.  
Speaker: Collegiate Month.

## CCGS/CBGS JOINT MEETING SCHEDULE 2015-2016

March 2016							April 2016							May 2016						
S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S
		1	2	3	4	5						1	2	1	2	3	4	5	6	7
6	7	8	9	10	11	12	3	4	5	6	7	8	9	8	9	10	11	12	13	14
13	14	15	16	17	18	19	10	11	12	13	14	15	16	15	16	17	18	19	20	21
20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	25	26	27	28
27	28	29	30	31			24	25	26	27	28	29	30	29	30	31				

March 16—11:30a.m.—1:00p.m. Speaker: \_\_\_\_\_  
 April 20—11:30a.m.—1:00p.m. Speaker: \_\_\_\_\_  
 May 18—11:30a.m.—1:00p.m. Distinguished Speaker: \_\_\_\_\_

### **Calendar of Meetings and Events**

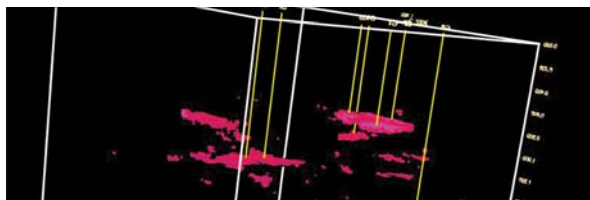
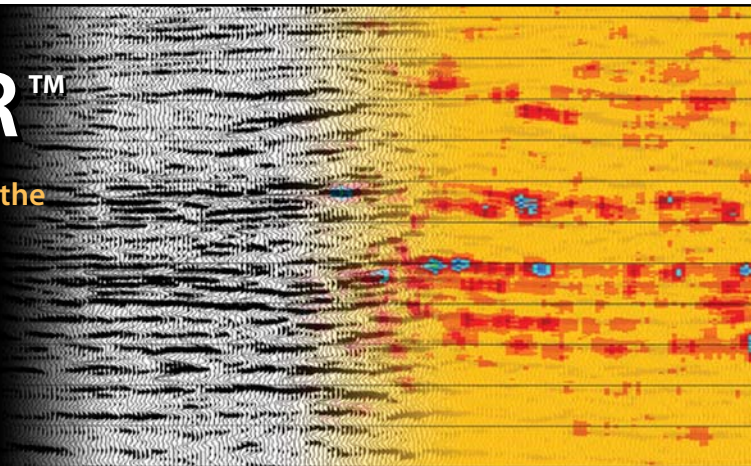
#### **Calendar of Area Monthly Meetings**

Corpus Christi Geological/Geophysical Society.....	Third Wed.—11:30a.m.
SIPES Corpus Christi Luncheons.....	Last Tuesday—11:30a.m.
South Texas Geological Society Luncheons.....	Second Wed—noon San Antonio
San Antonio Geophysical Society Meetings.....	Fourth Tuesday
Austin Geological Society.....	First Monday
Austin Chapter of SIPES.....	First Thursday
Houston Geological Society Luncheons.....	Last Wednesday
Central Texas Section of Society of Mining, Metallurgy & Exp.....	2 <sup>nd</sup> Tues every other month In San Antonio

# DRILL SMARTER™

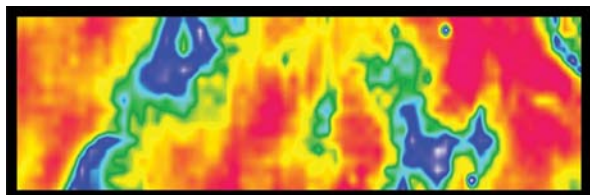
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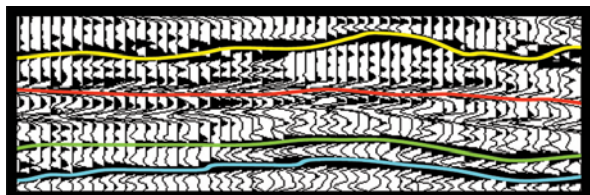
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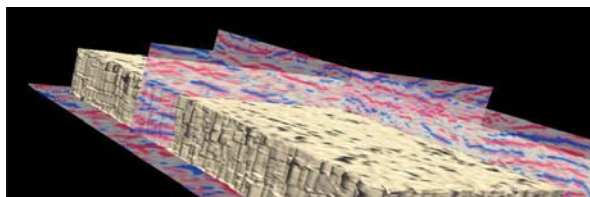
## SpecView<sup>SM</sup>

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## **RETREAD PRESIDENT**

The Corpus Christi Geological Society has been in existence for over 70 years. In this 70 year history there has never been a repeat President! Yet, I reluctantly agreed to be President again because I felt it would be an excellent “precedent” to set for these difficult times.

In these difficult times all of the Geological Societies are dealing with their greatest obstacle. It is not the price of oil, at least directly. The members are getting older and hundreds are retiring. Also, this aging population of members generally volunteer a lot less for committee chair people or members.

I will have a theme this year. It will be “no more excuses because you served on a committee before.” I will also try to congratulate and thank the dozen or so members that go “above and beyond, year after year”.

Mike Lucente—CCGS President



The Corpus Christi Geological Society  
and  
The Coastal Bend Geophysical Society



# Annual Kickoff Bar-B-Q

Thursday, September 10, 2015

5:30 to 8:00 p.m.

## Hoegemeyer's Barbeque Barn

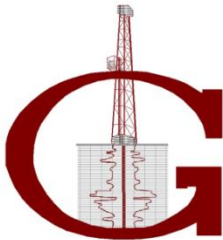
711 Concrete Street (Located across from Concrete Street Amphitheater).

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**RSVP (required) by Monday, September 7**

Wes Gisler, [wes@gislerbrotherslogging.com](mailto:wes@gislerbrotherslogging.com), 1-830-239-4651

Dorothy Jordan, [Dorothy@headingtonenergy.com](mailto:Dorothy@headingtonenergy.com), 361-885-0113



## **CBGS PRESIDENT'S LETTER**

**News** - CBGS Golf Tournament - October 23, 2015.  
 SEG Annual Convention, Oct 18th to 23rd, New Orleans

### **Business** -

CBGS still needs a volunteer to organize CBGS education events. Would like to do a 1 day session on seismic inversion this year. This role takes little time, only is done once a year and it keeps you connected with the geophysical community. Let me know if you are interested.

### **Education** -

- GSH

Aug 25-28: Simplifying and Lowering the cost of Shear Wave Seismology

Nov 10-13: Combined Inversion of Seismic and Non-Seismic Exploration Data

- CBGS has a revenue sharing agreement with GSH, so please mention CBGS if you register for any GSH events.

SEG

Houston, Woodlands - 2-3 Sept, Seismic Anisotropy: Basic Theory and Applications, \$1295

2014 SEG Convention Technical Program Recording: Available at the following link -[SEG Convention Technical Program Recordings](#)

SEG has 450+ eLearning courses online from \$0.99 to \$150.00(most expensive I saw)

<http://www.seg.org/professional-development/seg-on-demand>

**Parting Thought** - "It is not the strongest or the most intelligent who will survive but those who can best manage change." — [Leon C. Megginson](#)

### **Monthly O&G Statistics**

Seismic Crews - US Onshore	Current Month	May	Difference	(Per SEG/Seismic Crew Reports Survey)
	Onshore/Offshore	Onshore/Offshore		462 Worldwide (+7 from May)
	35/18	44/22	-13	Jun
	Current Month	Last Month	Last Year - Monthly	(Per Texas RRC, last reported)
<b>Texas Production</b>	MMBO/BCF	MMBO/BCF	MMBO/BCF	
Oil	68.9	77.6	72.5	Jun
Gas	607	674	690	
	Current Month	Yr to date - 2015	Yr to date - 2014	
<b>Texas Drilling Permits</b>	851	5,564	11,860	Jun
Oil wells	227	1,366	3,424	
Gas wells	73	406	642	
Oil and Gas wells	500	3,491	7,302	
Other	15	87	98	
<b>Total Completions</b>	1,710	11,542	15,828	Jun
Oil Completions	1,416	9,100	13,672	
Gas Completions	225	1,599	1,633	
New Field Discoveries	9	39	22	
Other	69	843	523	

**Lonnie Blake-CBGS President**



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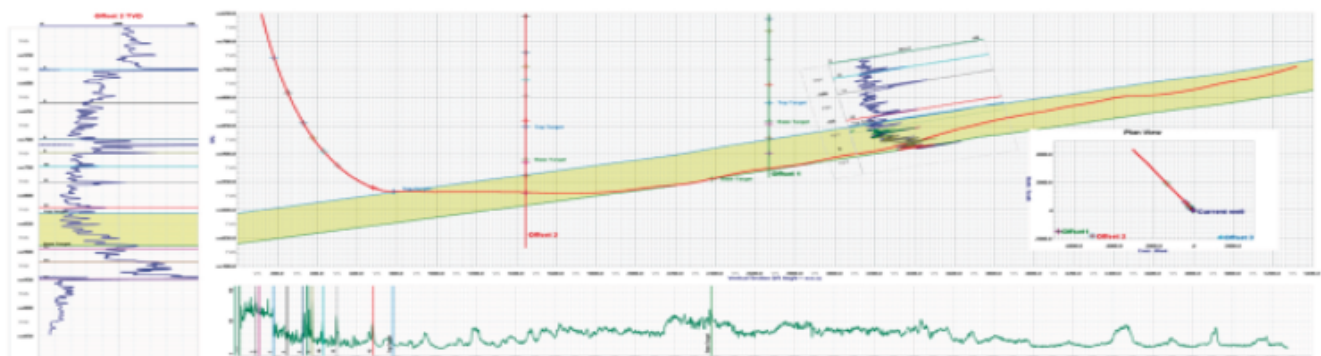
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# CBGS GOLF TOURNAMENT

Coastal Bend Geophysical Society  
NorthShore Country Club  
October 23, 2015  
12:30 p.m. Shotgun Tee Time  
Four-Man Scramble  
100 Player Limit \* Sign up Early



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Email \_\_\_\_\_

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Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Phone \_\_\_\_\_

\_\_\_\_ Yes, Please Place on a Team

\_\_\_\_ I want to be on a Team with: (list below)

Player 2: \_\_\_\_\_

Player 3: \_\_\_\_\_

Player 4: \_\_\_\_\_

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\_\_\_\_\_ \$400 per Team (4 players)

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\_\_\_\_\_ **TOTAL AMOUNT DUE**

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**Please RENEW for the 2015-16 Membership Period using those handy forms we mailed in August.**

Everyone should have received their 2015-2016 Membership Renewal forms in the US Mail.

- **PRINTED BULLETINS** are available to any member for \$10/year. We must have a valid mailing address. Please confirm your mailing address on the renewal form.
- **Emails!** Please legibly re-write your preferred email address at the bottom of the form. We are striving to maintain **100%** of the Society reachable by email. Your email is vital if you've chosen not to receive the printed Bulletin.
- Please **return the form promptly**...yes, before (or at) the Kickoff party. Return of your form is *vital* to keeping our records in order, that's why we enclose a return envelope.
- **IMPORTANT:** Even if you plan to pay at the Kickoff, please bring your renewal form and payment in the envelope! Honorary and student members, please return your forms, too! Students need to update emails, employment, and contact info.
- **Pictures.** We're continuing to add pictures to our database, still not quite enough to justify a new photo directory. Send us a photo (email it to dorothyj@headington.com) – if we get enough pictures this renewal period, we'll plan on a photo directory in June.

We mailed **500 renewals** this year and it is very expensive for our Societies. Some Gulf Coast societies have abandoned mailings completely. Each year, we dig back a few years to catch those who may have simply forgotten to renew. Again, your prompt return of your renewal form is *your* part of this process. Please make this effort worthwhile for our Society.

**RENEW...RENEW...RENEW...RENEW...RENEW...RENEW...RENEW...RENEW**

**For new members, active or student.** Email [randyb@headingtonenergy.com](mailto:randyb@headingtonenergy.com) to get a membership form. Just print it, fill it out and send it along with your check (no fee for students) to: CCGS Membership, 500 North Shoreline Blvd., Ste. 902N, Corpus Christi, Texas 78401-0343.

Thanks for your quick response – earlier makes it much easier! And remember:

**RENEW...RENEW...RENEW...RENEW...RENEW...RENEW...RENEW...RENEW**



# Corpus Christi Geological Society/Coastal Bend Geophysical Society

## 2015-2016 Membership Form

Please mail your completed form to:  
 Randy Bissell, CCGS/CBGS Membership  
 % Headington Energy Partners LLC  
 500 N. Shoreline, Ste 902 N. Twr.  
 Corpus Christi, Texas 78401

FIRST NAME

MI

LAST NAME

DATE

**COMPANY INFORMATION:** Mail Correspondence Here \_\_\_\_\_

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 Title/Position \_\_\_\_\_  
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 State \_\_\_\_\_  
 Zip \_\_\_\_\_  
 Phone \_\_\_\_\_  
 Fax \_\_\_\_\_  
 E-Mail Address \_\_\_\_\_

**PERSONAL INFORMATION:** Mail Correspondence Here \_\_\_\_\_

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 Major \_\_\_\_\_  
 Degree \_\_\_\_\_  
 Year \_\_\_\_\_

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 Major \_\_\_\_\_  
 Degree \_\_\_\_\_  
 Year \_\_\_\_\_

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 Major \_\_\_\_\_  
 Degree \_\_\_\_\_  
 Year \_\_\_\_\_

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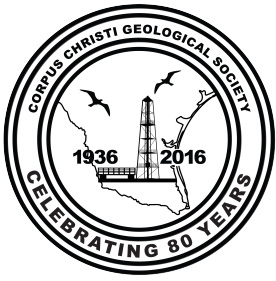
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# Corpus Christi Geological Society Scholarship Application Guidelines Spring 2016 Semester

1. Applicant must be majoring in Earth Sciences and enrolled for the award semester (i.e. Spring 2016) at a college in the local area.
2. Fill out the application form clearly, completely, and sign it.
3. Short essay clearly explaining how this scholarship will assist you in achieving your geologic career goals and the reasons your application should be considered by the Committee.
4. Two (2) letters of recommendation - one must be from a geoscience faculty member or from a supervisor with whom applicant has worked with in a geoscience undertaking.
5. Applicant must provide a school transcript, please make sure it has your name on it. A web printout is acceptable.
6. **Applications must be postmarked by: October 17, 2015**  
Application packet may be emailed in a shareable format (i.e. pdf, docx, etc) to **bissells@swbell.net**.

Mail completed application to: Dawn Bissell, CCGS Scholarship Committee Chairman, 253 Circle Drive, Corpus Christi, TX 78411

Please send an email to **bissells@swbell.net** once you've mailed your application.  
***Award notifications will be sent via email!!!***

Please read requirements carefully and submit only complete applications.  
Applicants who have received a CCGS scholarship in the past are eligible to apply again.

Scholarships will be awarded based on merit and need. The award amounts may vary with the minimum individual award being \$500.

Award recipients will be recognized at the monthly **luncheon November 18, 2015** and are encouraged to attend.

Board Members:

Dawn Bissell

Brent Hopkins

Mike Lucente - CCGS President

Beth Priday

JR Jones



Corpus Christi Geological Society  
Scholarship Application Form  
Spring 2016  
(Must be postmarked by October 17, 2015)

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_

Mailing address: \_\_\_\_\_  
(where award may be mailed if applicant is unable to attend award presentation)

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

**Active Email:** \_\_\_\_\_

*Award notifications will be sent via email!!! Please email [bissells@swbell.net](mailto:bissells@swbell.net) once you've submitted your application.*

Daytime Phone: \_\_\_\_\_ Alternate Phone: \_\_\_\_\_

University Attending in Spring 2016: \_\_\_\_\_

Department: \_\_\_\_\_ Major: \_\_\_\_\_

Scholarship is for class level (circle one):

Freshman    Sophomore    Junior    Senior    Graduate Student

Total Hours Completed: \_\_\_\_\_ Overall GPA (Minimum 2.5): \_\_\_\_\_

Total Hours - Geology: \_\_\_\_\_ Geology GPA (Minimum 3.0) \_\_\_\_\_

Hours Planned for Scholarship Semester: \_\_\_\_\_ Geology Hours: \_\_\_\_\_


Will this scholarship be used toward field camp?      Yes      No

Prior recipient of CCGS Scholarship?      Yes      No

\_\_\_\_\_  
Applicant Signature      Date

Mail application, along with essay, two letters of recommendation, and transcript to Dawn Bissell, CCGS Scholarship Committee Chairman  
253 Circle Drive, Corpus Christi, TX 78411 **Must be postmarked by October 17, 2015.**  
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**July 19, 1978 – Near Ripley, Mississippi – Field Notes.**

It was decided that I could use my personal car for the Friday trip into the field because all of the available state trucks were checked out, and besides, the mileage and per diem reimbursements provided a small bump in pay to my minimum-wage summer job. The plan had been to visit a few Cretaceous outcrops notable for excellent and abundant fossil specimens. The prize from the Owl Creek Sand would be the ammonite, some the size of dinner platters, preserved in glory with its iridescent mother-of-pearl shell. The smothering humidity of a July afternoon in the Mississippi woods pressed on me as I carefully dug into the soft brown earth with a shovel. My overseer and guide was the paleontologist well-acquainted with our objective. In classic Mississippi style, he supervised my work from outside the hole. If an onlooker had come upon us, it would have appeared that I might be the hapless victim of a capital crime in progress, digging my own grave in the woods.

*If an onlooker had come upon us, it would have appeared that I might be the hapless victim of a capital crime in progress, digging my own grave in the woods.*

No ammonites, but an impressive hole. At three feet down, something brightly colored slithered across the spade of the shovel. With a yelp, I bound out of the hole while the paleontologist bound in! Reaching down, digging with his hands, he emerged clutching a small, brightly colored snake with black, red, and milky yellow banding. The debate immediately ensued as to the species of snake – was it indeed a coral snake or nature’s trickery, the non-venomous banded milk snake? Let’s see, black and yellow? Or was it red and yellow? We just couldn’t recall the diagnostic rhyme. But, we decided to put the snake into a large geological sample sack and return to Jackson where someone smarter than us could identify the species. The snake was carefully inserted into the sack; the drawstring pulled tightly closed, and gently placed in the back seat of my car.

Upon our arrival in Jackson in the early evening, we unloaded the samples and tools. As I retrieved the sample bag containing the reptile, I noticed that it was surprisingly light. Pulling open the bag, it was empty! Horrified, we began a frantic but futile search. It was reasoned (not by me) that the snake not only found its way out of the bag, but ultimately out of the moving car. I would spend the rest of the weekend pulling apart the car and looking for the snake with no success. The event did, however, limit my family’s interest in driving, borrowing, or catching a ride in my car for quite some time.

**Randy Bissell**



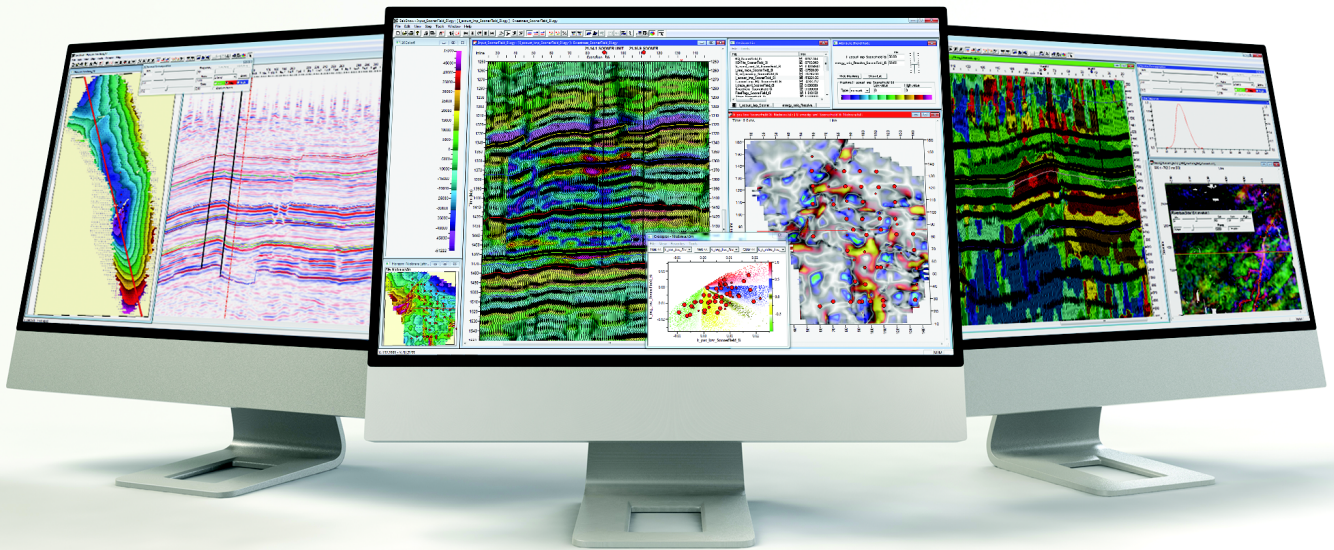
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**Earth Day / Bay Day**--was celebrated in Corpus- April 11, 2015 at Heritage Park from 10 AM till 5 PM. The weather started out uncooperative, and stayed that way for most of the day, till late afternoon. There is



usually an exceptionally large number of people there enjoying the celebration, getting lots of free stuff and watching some phenomenal Raptor and K-9 demonstrations. Mike Lucente and I were down there for the day with a group of geology majors as well as students just taking the geology class from Dr. Tania Anders. Mike brought a truckload of bones including the 2 main leg bones and part of the hip of a Mammoth. People were really interested to see about 10 feet of bone lying on the table with the opportunity to ask

questions and touch the bones never stopping. I literally had no voice at the end of the day. Mike was familiarizing the students with the bones and the Ice Age story as it relates to Corpus. We had many adults as well as young children excited about the history of our city 14-20,000 years ago. Other students and I were running the wheel, where for \$.50 they could spin the wheel and get whatever rock or mineral came up to take home. We would spend some time talking about the uses of various rocks and minerals in our daily lives. We also had many large samples for people to touch and talk about. It was interesting to see many people really concentrate to remember the names of rocks that they had learned about in geology classes or just in their daily lives. Most people said they enjoyed those classes. We are lucky that we get to spend most of the days of the week applying what we learned to make our living. There are families and kids that come back

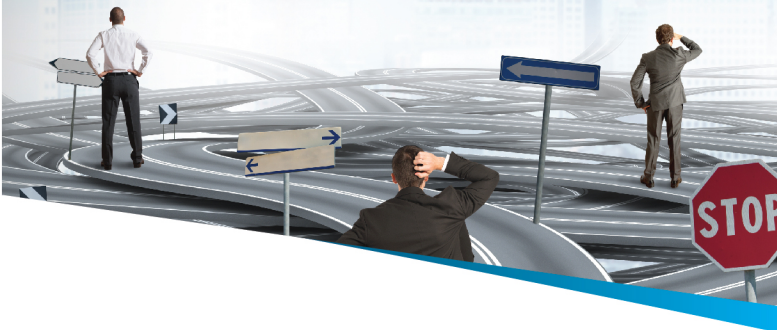
every year to spin, some started as kids and are now teens, hopefully with an interest in science that may have been fostered by one of the many educational outreaches that our Society has done over these many years. The Coastal Bend Bays Foundation always looks forward to our participation because they receive such positive feedback.

Alan Costello



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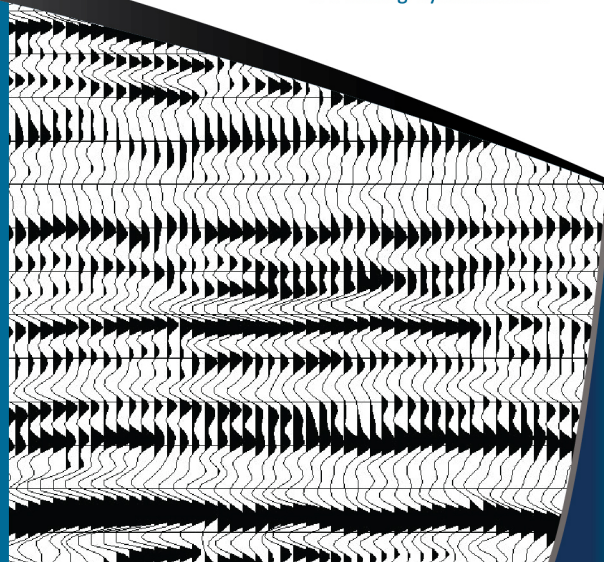


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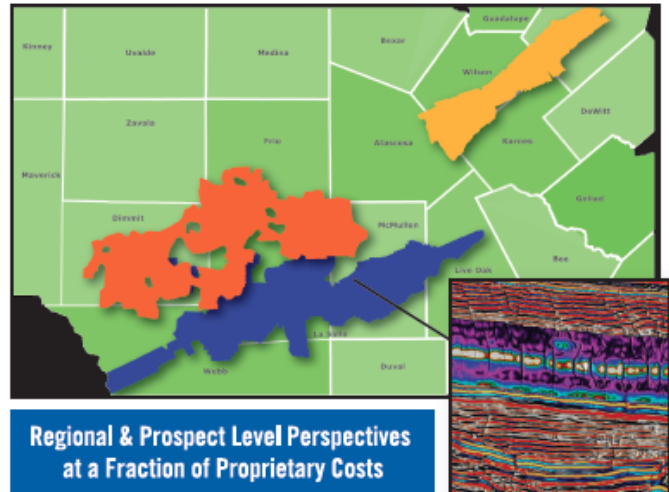
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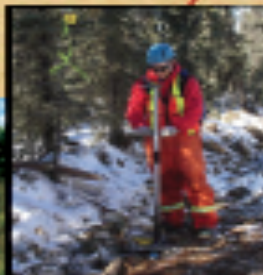
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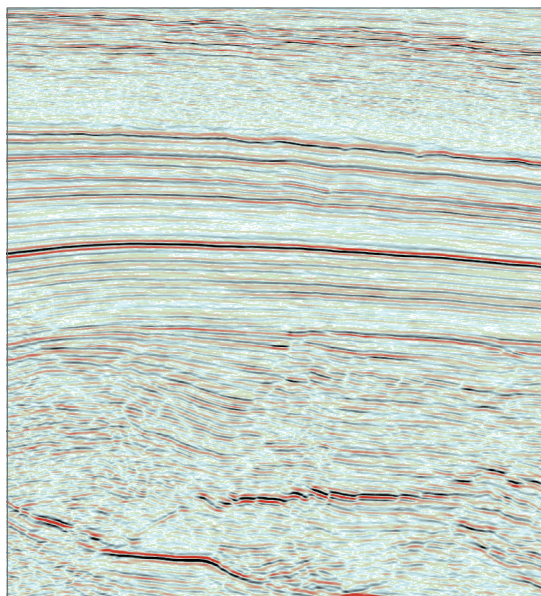
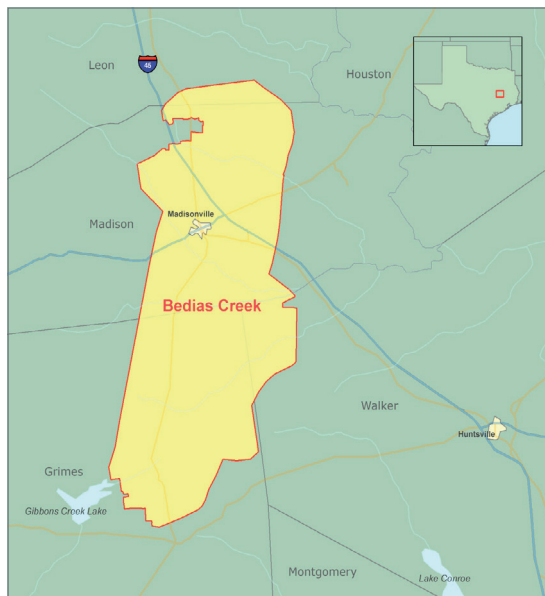


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Cretaceous-Wilcox-Frio Symposia, D. B. Clutterbuck, Editor, 41 p., 1962.  
[CCGS 002S](#) \$15.00

Type Logs of South Texas Fields, Vol. I, Frio Trend. Compiled by Don Kling. Includes 134 fields. 158 p., 1972. Ring binder.  
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Type Logs of South Texas Fields, Vol. II, Wilcox (Eocene) Trend. Compiled by M. A. Wolbrink. 98 p., 1979. Ring binder.  
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## Field Trip Guidebooks

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Padre Island National Seashore Field Guide. R. N. Tench and W. D. Hodgson, Editors. 61 p., 1972.  
[CCGS 104G](#) \$5.00

Triple Energy Field Trip, Uranium, Coal, Gas—Duval, Webb & Zapata Counties, Texas. George Faga, Editor. 24 p., 1975.  
[CCGS 105G](#) \$10.00

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Geology of Peregrina & Novillo Canyons, Ciudad Victoria, Mexico, J. L. Russell, Ed., 23 p. plus geologic map and cross section, 1981.  
[CCGS 109G](#) \$10.00

Geology of the Llano Uplift, Central Texas, and Geological Features in the Uvalde Area. Corpus Christi Geological Society Annual Spring Field Conference, May 7-9, 1982. Various paginated. 115 p., 53 p.  
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Structure and Mesozoic Stratigraphy of Northeast Mexico, prepared by numerous authors, variously paginated. 76 p., 38 p., 1984.  
[CCGS 111G](#) \$15.00

Geology of the Big Bend National Park, Texas, by C. A. Berkebille. 26 p., 1984.  
[CCGS 112G](#) \$12.00

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Goose Island  
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Nine Mile Point  
Rockport, West  
St. Charles  
Tally Island  
Tract 831-G.O.M. (offshore)  
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Orangedale(2)  
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San Domingo

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ERF  
Gyp Hill

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Mariposa  
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Heyser  
Lavaca Bay  
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Mosquito Point  
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Seadrift, N.W.  
Steamboat Pass  
Webb Point  
S.E. Zoller

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Luttes  
San Martin (2)  
Three Islands, East

Vista Del Mar

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Herbst  
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Bombs  
Boyce  
Cabeza Creek, South  
Goliad, West  
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Edinburg, West  
Flores-Jeffress  
**Foy**  
**Hidalgo**

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McAllen Ranch  
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Hiberia  
Hodges  
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McC Campbell Deep/Aransas Pass  
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Midway, North  
Odem

Plymouth

Portilla (2)  
Taft  
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Hinde  
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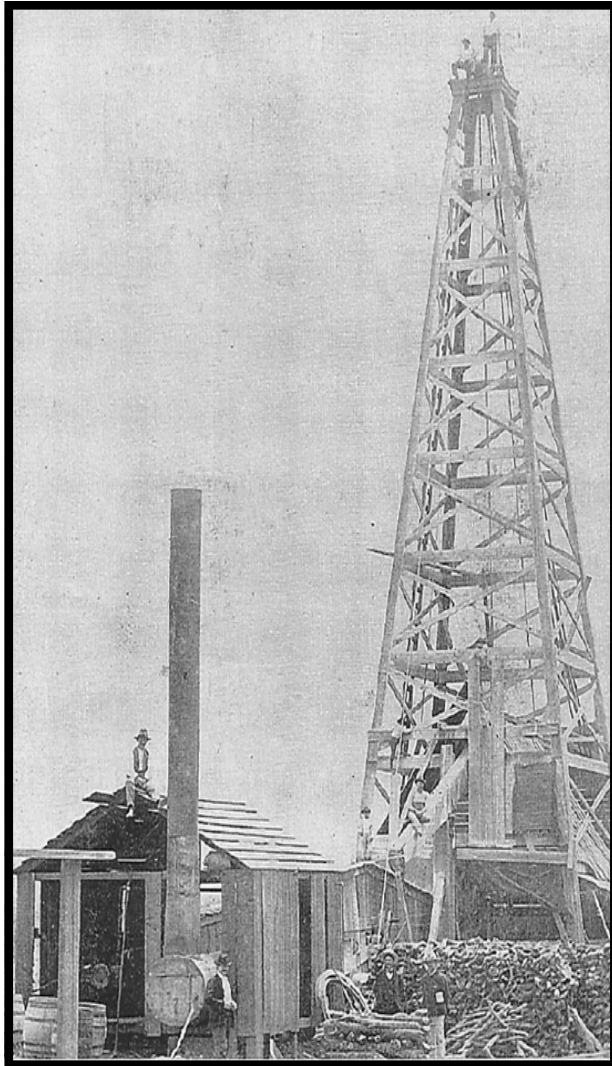
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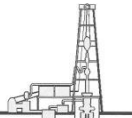
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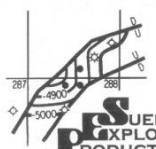
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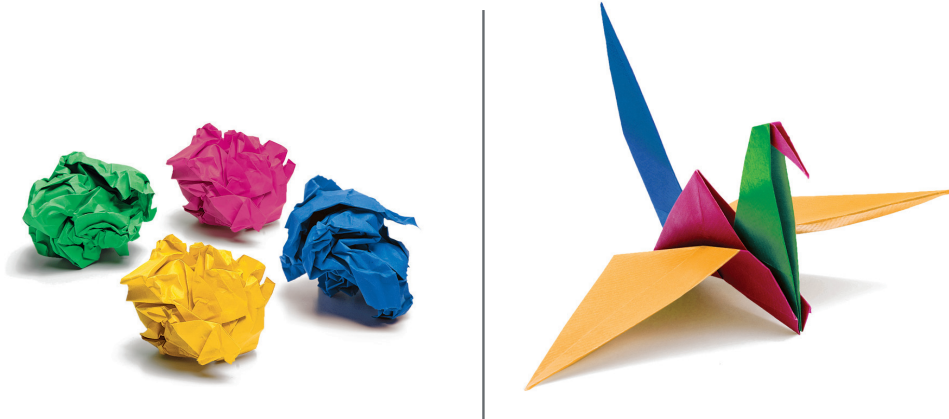
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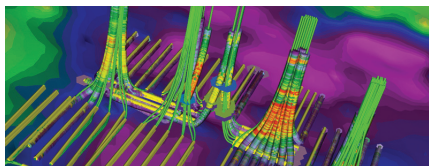




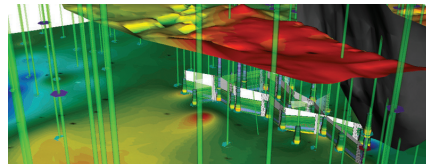
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<sup>1</sup>Welling & Company Geological & Geophysical Software Study, 2009



Directional Well Module



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