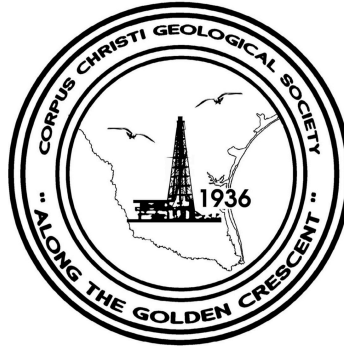


BULLETIN

Corpus Christi Geological Society



and

Coastal Bend Geophysical Society



**September
2025
ISSN 0739 5620**

Table of Contents

Officers, Committees and Chairpersons for CCGS/CBGS.....	2-3
CCGS/CBGS Joint Calendar of Meetings & Events.....	4-5
Advertise In The Bulletin.....	6
Membership Renewal CCGS/CBGS.....	7
CCGS President's Letter.....	8
Membership Kickoff, Nueces Brewing Company.....	9
CBGS President's Letter.....	10-12
Hiring Event.....	13
Obituary, Carroll Pitzer.....	14
Obituary, Daniel Padrotti.....	15
CCGS Scholarship Committee Report.....	17-18
Luncheon Meeting Announcement, Oct., speaker: David Desenberg.....	20-21
Geologic Interpretation of the Pleasanton Sandstone Boulder: Raklaw Or Other Eocene or Paleocene Sand Units.....	23-30
CCGS Papers available for purchase at the Bureau of Economic Geology.....	31
Geo Link Post.....	32
Type Logs of South Texas Fields.....	33
Order Oil Men DVD.....	34
Wooden Rigs Iron Men.....	35
Professional Directory.....	36



CORPUS CHRISTI GEOLOGICAL SOCIETY

P.O. BOX 1068* C.C.TX.78403

2025-2026

www.ccgeo.org

OFFICERS

President	Charles Benson	402-319-0064	charlesljr.@icloud.com
Vice President	Juan Cabasos	361-289-5457	juan.cabasos@corelab.com
Secretary			
Treasurer	Sebastian Wiedmann	361-946-4430	swiedmann.geo@gmail.com
Past President	Dennis Moore	361-946-6037	moore.dennis24@yahoo.com
Councilor I	Frank Cornish	361-563-9184	frank.cornish@gmail.com
Councilor II	Rick Paige	361-884-8824	rpaigesio2@gmail.com
		Ext 415	

AAPG DELEGATE

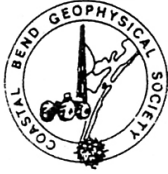
EDITORS

Bulletin Editor	Marian Wiedmann	361-855-2542	wiedgulf@gmail.com
Bulletin Tech. Editor	Jeanie Timmermann	361-883-1492	jeanie@industrialcorrosion.net
Web Master	Josh Pollard	361-654-3100	support@interconnect.net

GEOLOGICAL SOCIETY COMMITTEES & CHAIRPERSONS

MEMBERS PLEASE NOTE COMMITTEES CONTINUE TO FUNCTION WITHOUT A NAMED CHAIR, ALL ARE WELCOME TO ANY COMMITTEE THAT SUITES YOUR INTERST

Advertising/Bus. Cards	Leighton Devine	361-882-8400	ldevine@suemaur.com
Arrangements	Wes Gisler & Will Graham	830-239-4651 361-885-0110	arrangements@ccgeo.org willg@headingtonenergy.com
Continuing Education			
Education	Dawn Bissell	361-960-2151	bissells@swbell.net
Scholarship Program	Dawn Bissell	361-960-2151	bissells@swbell.net
Fishing Tournament	Leighton Devine	361-882-8400	ldevine@suemaur.com
History	OPEN (Ray Govett)	361-855-0134	ray30@hotmail.com
Membership	Dorothy Jordan	361-885-0110	dorothyj@headingtonenergy.com
	Randy Bissell	361-885-0113	randyb@headingtonenergy.com
University Liaison	Dr. Veronica Sanchez	361593-4925	veronica.sanchez@tamuk.edu



COASTAL BEND GEOPHYSICAL SOCIETY
P.O. BOX 181546*C.C. TX. 78480
2025-2026

OFFICERS

President	Dr. Subbarao Yelisetti	361-593-4894	subbarao.yelisetti@tamuk.edu
Vice President			
Secretary/Treasurer	Charles Benson	402-319-0064	charlesljr.@icloud.com
Scholarship Chairman	Charles Benson	402-319-0064	charlesljr.@icloud.com

**Visit the geological
web site at
www.ccgeo.org**

CCGS/CBGS JOINT MEETING SCHEDULE 2025-2026

September S M T W Th F S 2025							October S M T W Th F S 2025							November S M T W Th F S 1025						
1	2	3	4	5	6				1	2	3	4							1	
7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8
14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15
21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22
28	29	30					26	27	28	29	30	31		23	24	25	26	27	28	29

**2025-2026 Membership
Kickoff Nueces Brewing Co.
Downtown, 5 p.m.**

Meeting at Joe's Crab Shack
Downtown. 11:00 Bar,
11:45 lunch, 12:00 speaker.
David Desenberg, "3-D
Technology for Exploration."

Meeting at Joe's Crab Shack
Downtown. 11:00 Bar, 11:45
lunch, 12:00 speaker.

December S M T W Th F S 2025							January S M T W Th F S 2026							February S M T W Th F S 2026						
1	2	3	4	5	6				1	2	3									
7	8	9	10	11	12	13	4	5	6	7	8	9	10	1	2	3	4	5	6	7
14	15	16	17	18	19	20	11	12	13	14	15	16	17	8	9	10	11	12	13	14
21	22	23	24	25	26	27	18	19	20	21	22	23	24	15	16	17	18	19	20	21
28	29	30	31				25	26	27	28	29	30	31	22	23	24	25	26	27	28

Meeting at Joe's Crab Shack
Downtown. 11:00 Bar, 11:45
lunch, 12:00 speaker.

Meeting at Joe's Crab Shack
Downtown. 11:00 Bar, 11:45
lunch, 12:00 speaker.

CCGS/CBGS Joint Meeting Schedule 2025-2026

March 2026							April 2026							May 2026						
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	6	7				1	2	3	4						1	2
8	9	10	11	12	13	14	5	6	7	8	9	10	11	3	4	5	6	7	8	9
15	16	17	18	19	20	21	12	13	14	15	16	17	18	10	11	12	13	14	15	16
22	23	24	25	26	27	28	19	20	21	22	23	24	25	17	18	19	20	21	22	23
29	30	31					26	27	28	29	30			24	25	26	27	28	29	30



Meeting at Joe's Crab Shack
Downtown. 11:00 Bar, 11:45
lunch, 12:00 speaker.

Shrimp Boil at Doc's

Calendar Of Meetings and Events

Corpus Christi Geological/Geophysical Society..... Third Wed.—11:30a.m.
 SIPES Corpus Christi Luncheons..... Last Tues.—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
 Houston Geological Society Luncheons..... Last Wednesday
 Central Texas Section of Society of Mining, Metallurgy & Exp..... 2nd Tues every other month in
 San Antonio

SUPPORT YOUR SOCIETY

Advertise !!!

with the CCGS - CBGS

MONTHLY BULLETIN ADS

CCGS - CBGS Bulletin Ad Space Available: Annual Rates (4 issues + directory)	
1/8 page 2.2" x 3.6" \$150	1/4 page 3.6" x 4.3" \$200
1/2 page 7.2" x 4.3" \$300	
Full page 7.2" x 8.6" \$500	Inside Front or Back Cover \$650

FOR MORE DETAILS:

EMAIL LDEVINE@SUEMAUR.COM OR CALL (361) 510-8872

The 2024-2025 season is underway, and we would like to offer very inexpensive advertising opportunities to our members and industry partners. The CCGS has four bulletins distributed to all our members each year. Ads defray the cost of producing and distributing print and PDF Bulletins.

We have lots of space available for various-sized ads, and we run business card ads at the back of each bulletin. If you have started a new business or have recently moved offices this is a great opportunity to introduce yourself. Business cards are \$30 annually. Send me a scan of your card or contact me for more information on our ad program.

RENEW YOUR MEMBERSHIP!



Questions? – contact Randy
membership@ccgeo.org

Why maintain membership in the CCGS?
Bulletins – Luncheons – Shrimp Boil – Scholarships
Fishing Tournament – Field Trip (yep!)

The easiest way to be a part of the Society is to use
our pay online website found at **[https://corpus-
christi-geological-society.square.site/](https://corpus-christi-geological-society.square.site/)**

Or use your smartphone with this QR Code



Still Just \$25



Greetings to One and All

It is indeed an honor to write my first newsletter as the CCGS President. During the height of the first Covid outbreak (spring 2020), my wife and I were planning our move from the great state of Nebraska to the Coastal Bend. I wanted to stay connected with my lifelong interest (earth science)...but how? By chance, I came across the CCGS website. I read many of the past bulletins, and realized what great organizations the CCGS (and CBGS) are!

I believe there are at least four main reasons why the CCGS remains a relevant organization today. First, our monthly luncheons offer stimulating and practical technical interchange. Second, our society offers unmatched networking opportunities. Third, the CCGS (and CBGS) make significant educational contributions...through scholarship programs, and through community educational outreach. Fourth, the CCGS has some very dedicated officers, editors, and project/committee chairs. They all commit considerable amounts of their own time to ensure our organization runs smoothly.

Whenever one attains a position of responsibility, there are always others who helped us get there. Such is the case with me. My good friend (and a previous president) Rick Paige demonstrated to me his passion to keep the CCGS successful. Dennis Moore (another friend, and our most recent president), showed the same investment in our organization's success. My intention is to follow in the footsteps of these two previous leaders, who set such a good example.

We have an exciting upcoming 2025-2026 speaker season planned. It all starts with our annual membership "Beer-B-Que" (Sep 17th, Nueces Brewing Co.) and our October luncheon/talk (October 15th, Joe's Crab Shack). I look forward to seeing you at each event. Onward and upward!

Charles "Chuck" Benson
CCGS President



Corpus Christi Geological Society

2025-26 Membership Kickoff

Nueces Brewing Co. Downtown

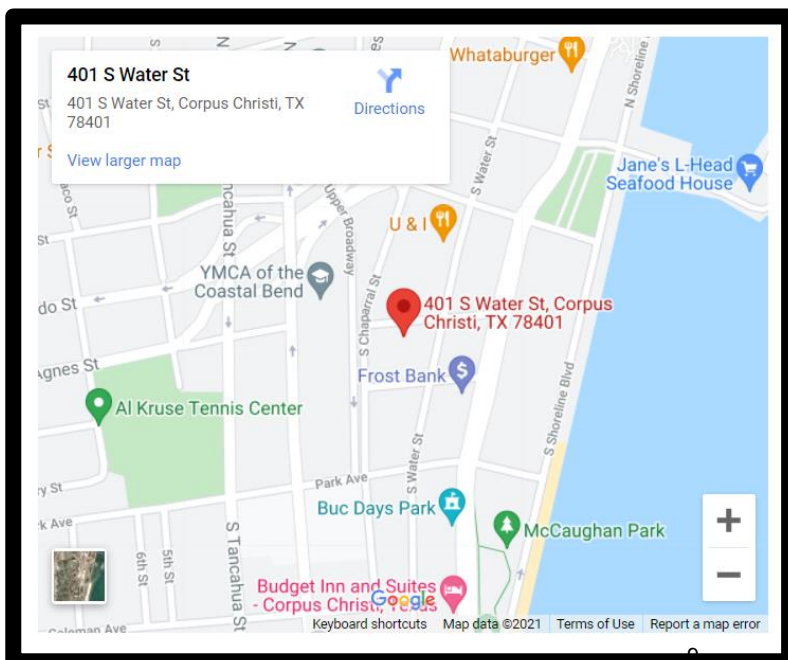
Wed. Sept. 17, 2025 – 5:00 pm

Meet & Greet/Come & Go

No RSVPs, No Fees,

BBQ, beer, and fun snacks available

Please pay dues (still just \$25) online or at this event.



www.ccgeo.org





CBGS President's Letter

CBGS Board 2025-2026

President- Dr. Subbarao Yelisetti

Vice President- vacant

Secretary/ Treasurer-Charles Benson

CBGS Scholarships

The Coastal Bend Geophysical Society will be awarding scholarships in Fall 2025. Scholarships will be awarded based on merit and need. The award amounts may vary with the minimum award being \$1,000. The application deadline is September 1, 2025.

Scholarship Requirements

Criteria for awarding the Scholarship from Coastal Bend Geophysical Society of Corpus Christi, Texas:

1. Scholarships are open to undergraduate or graduate students.
2. Must have declared major in Geophysics, or Geology with a concentration in Geophysics or Petrophysics.
3. Preference is given to students attending Coastal Bend schools (TAMU-K, TAMU-CC and Del Mar College), then to Coastal Bend natives attending other universities.
4. Must have a GPA of at least 3.0 and be in good standing with the school.
5. Must make effort to attend a Coastal Bend Geophysical Society Meeting in Corpus Christi Texas after being awarded a scholarship to be recognized by the society.

News

- As of August 21, Brent crude futures are trading at \$67.69 a barrel and US West Texas Intermediate crude futures were trading at \$63.57 a barrel.
- According to the U.S. Energy Information Administration (EIA) forecasts, U.S. crude oil production is expected to increase to an all-time high near 13.6 million b/d in December 2025.
- EIA forecasts suggest crude oil production will average 13.4 million b/d in 2025 and 13.3 million b/d in 2026.

CBGS Business

CBGS currently has 28 active members, 2 honorary members, and 40 student members. Raised \$1,450 towards student scholarships through membership revenue this past year.

CBGS workshops/talks

CBGS is looking forward to offer workshops/talks in the future. Topic/speaker suggestions are welcome. Email your suggestions to Subbarao.Yelisetti@tamuk.edu

New Degree Tracks at TAMUK and Graduate Scholarships

- Texas A&M University-Kingsville (TAMUK) started its first cohort of MS Petrophysics program in Fall 2018. If you are interested in joining this program in Fall 2025, please contact the graduate coordinator for MS in Petrophysics, Dr. Subbarao Yelisetti at Subbarao.Yelisetti@tamuk.edu.
- The Department of Physics and Geosciences at TAMUK is offering competitive scholarships for MS Petrophysics students. For additional details about the program and scholarships, please visit the website:
<https://www.tamuk.edu/artsci/departments/phge/phys/academics/gp.html>
- **BS degree in Geophysics, Minor in Geophysics and Certification in Geophysics** offered at Texas A&M University-Kingsville since Fall 2017. Interested students can contact Dr. Subbarao Yelisetti (Subbarao.Yelisetti@tamuk.edu) for additional information.

Education/Events

-SEG

SEG 2025 annual meeting (IMAGE) will be held in Houston, TX from August 25-28. See <https://seg.org/Events/Upcoming-SEG-Annual-Meetings> for additional details.

See <https://seg.org/Education/Lectures/Distinguished-Lectures> for information about upcoming SEG distinguished lecture in Houston and other locations.

See <https://seg.org/Education/Lectures/Honorary-Lectures> for SEG honorary lecture locations in Texas.

-AGU

2025 Fall AGU annual meeting will be held in New Orleans, LA from December 15-19th, 2025. <https://www.agu.org/Fall-Meeting>

Monthly Saying

"You can't get the grease without a lease" - Anon

Monthly Summary

Texas Oil and Gas Info	Current Month	Last Month	Difference	
Texas Production	MMBO/BCF	MMBO/BCF	MMBO/BCF	
Oil	158.8	165.4	-6.6	April
Condensate	25.5	26.9	-1.4	April
Gas	1058.9	1092.7	-33.8	April
	Current Month	Yr to date - 2025	Yr to date - 2024	
Texas Drilling Permits	674	4605	8683	July
Oil wells	115	796	1742	July
Gas wells	46	288	491	July
Oil and Gas wells	476	3247	5943	July
Other	14	83	143	July
Total Completions	1521	12066	21022	July
Oil Completions	1280	9427	16733	July
Gas Completions	241	2639	4289	July
New Field Discoveries	0	4	8	July
Other	460	4679	10282	July

Subbarao Yelisetti

President, CBGS

Subbarao.Yelisetti@tamuk.edu

Energy Professionals Hiring Event

OCTOBER 22, 2025

JOIN US @ SPE >> ATCE

FROM 1000 - 1400 CT

HOUSTON

*@ THE GEORGE R. BROWN
CONVENTION CENTER*

**For Experienced
Professionals**

CAN - Career Advancement Network



Gulf Coast Section



Carroll “Blackie” Dale Pitzer

September 21, 1932 – May 21, 2025

Carroll “Blackie” Pitzer passed away at home on May 21, 2025, at the age of 92. Born on September 21, 1932, in Bayside, Texas. Blackie’s long and extraordinary life was marked by service, intellect, family devotion and a love of both land and sea.

After serving in the U.S. Navy during the Korean War, Carroll returned home and soon after met the love of his life, Jo Ann, in Refugio, Texas. They married in 1955, beginning a loving partnership that spanned nearly 70 years. Following their marriage, Carroll pursued his education at Texas A&M, earning a Master’s Degree in geology. His passion for science and exploration led him to the oil and gas industry, where he worked for Texaco, later becoming an independent geologist. He continued to work as a consultant until April 2025. He was credited with discovering several local oil and gas fields.

Blackie and his family moved to Portland, Texas, where he was an active civic leader, serving on the city council and Mayor. He served as president of the Corpus Christi Geological Society; and was a proud member of AAPG, SIPES, and the Century Club. During these years, the family was active on the horse show circuit, raised cattle, and enjoyed off-shore fishing. In 1995, they traded boots for boat shoes and made Padre Island their home. There Blackie earned the affectionate title of “Island Mayor” as he seemed to know everybody. He was quick with a story, a laugh, a smile, or a firm handshake. He was a part of the self-proclaimed “Old Farts Club,” a group of geologists who met weekly to swap tales, share laughs, and stories. These gatherings were among his favorite moments and a testament to a life of friendship. He is preceded in death by his parents, Carroll and Roxie Pitzer, brothers, Rex and Robert Pitzer, and sister, Joyce Little, he is survived by his brother Joe Pitzer (Patty). He is survived by his beloved wife, Jo Ann Pitzer, his daughter Donn Rosson (James II) of Granbury, Texas; his son Bruce Pitzer (Gabriel) of Puerto Vallarta, Mexico; grandchildren James Rosson III (Mindi) of Portland, Texas; Lauren Moon (Christopher) of Weatherford, Texas; great-grandchildren Jadie, Josslyn, James, Jonathan, and Evelyn.

Blackie will be remembered for his sharp wit, dry humor, winning smile, and the way his eyes lit up in the presence of his grandchildren and great-grandchildren. Whether you knew him as Blackie, Dad, Daddy B, Mayor, or friend you knew a man who lived with quiet strength and steadfast integrity, a loyal Aggie, a war veteran, a loving husband and father.

Daniel Anthony Pedrotti

July 15, 1931 – July 30, 2025

Daniel Anthony Pedrotti finished his remarkable, earthly journey and began his new life with his Savior Jesus Christ, on July 30, 2025. He was born on July 15, 1931, to Daniel and Angelina Pedrotti, in Del Rio, Texas. He was the third of their seven children and their first son.

He sought his education at Texas A & M University and went on to earn a Master's Degree in Geology, after he served our Country, as a pilot in the U.S. Air Force. After completing his education and starting their family, he and Carolyn moved to Corpus Christi, Texas to raise their family and pursue his career in the Oil & Gas business. In 1958 he was hired by the Texas Company (Texaco) as an exploration geologist in the Corpus Christi office.

In 1965 rather than take a transfer to Houston Dan went independent. He teamed up with a geologist, Bill Miller and several landmen where he discovered a number of small producers; a one-million-barrel Oil field; turned the acreage that led to the discovery of the 100Bcf El Gato gas field; and through company partnerships participated in several fifty plus Bcf discoveries.

He along with his geologist partner, Bill Miller incorporated Suemaur Corporation and Suemaur Exploration, and developed a number of small oil discoveries. In 1990 he with partner Bill Miller and another independent, JM Smith, acquired the Exploration assets of Harkins Drilling Company, hired the management team along with the exploration staff and created the Suemaur Exploration and Production Company. This Company based on the "Exploration Cooperative Concept" became very successful and a major player among small independents.

He also joined as a venture partner in LMP Petroleum Exploration, his son, Mike's company where several very commercial oil and gas fields were developed. In 2,000, believing that natural gas prices would not rally he sold out his interest in Suemaur, but due to residual interests in prospects developed while still a partner he continued to participate in a number of successful discoveries.

Beyond his commitment to his wife and family, he lived life with passion and purpose. His life was iconic. He was a dedicated geo-scientist, an intrepid adventurer and a worthy role model. He had a profound impact on the many people and organizations in which he unselfishly invested his time, talents and treasure. He will be remembered as a true servant leader. His memory is cherished by all those that witnessed his steadfast conviction in the causes and efforts he deemed important. From the Oil and Gas Industry to Wild life Conservation, to his many philanthropic interests, he was a beloved and respected teammate and leader. He was a man that knew hard work, smart work and had an ability recognize work that was worth the effort.

Percussion Sidewall Analysis



Convenient Gulf Coast locations

Accelerate your data delivery with 24 hr access to any of our 3 Gulf Coast Labs.



Fast reporting times (hours, not days or weeks) Percussion sidewall core analysis within hours of receipt.



Measured properties Saturations, porosity and bulk densities directly measured. Empirically derived permeability.



API estimates of oil quality

Via refractive index. Indicator of gas presence via API combustible gas detector also determined.



Advanced Rock Typing Expert guided machine learning based analog search for routine and advanced petrophysical properties.



Strategic Solutions

log modeling, data analytics, completion and drilling recommendations.



LamSpec proprietary model from

LPSA, including Cap Pressure Simulation, Lamination-Specific analysis, and enhanced permeabilities.

August 20, 2025

The CCGS Scholarship fund receives donations from member contributions during dues renewal in the Fall and the CCGS Fishing Tournament. We always appreciate Leighton Devine for all of his work organizing the fishing tournament; and YOU for your contributions as members!

Because of your support, CCGS has awarded \$261,800 to 241 students since 1993.

All donations are vital to allow for the funding of scholarships for our local students. Every donation is very much appreciated. Thank you for your support.

In April 2025 the Corpus Christi Geological Society awarded \$12,050 in scholarships to 16 local students from TAMU-CC, and Del Mar College in April 2025. These scholarships are to be used for the Summer Field Camp and the Fall 2025 semesters.

Students who attended Field Camp during the Summer of 2025 are:

Samantha Harris, TAMU-CC

Nina Jahnke, TAMU-CC

Jarrett Kernan, TAMU-CC

Novalon Trevino, TAMU-CC



Students who will be attending college in the Fall are:

Ramadan Abdelrehim, TAMU-CC

Ifeanyi Anyanwa, TAMU-CC

Yusuf Azeez, TAMU-CC

Muhamed Elshalkany, TAMU-CC

Mohamed Mousa, TAMU-CC

Ahmed Omar, TAMU-CC

Olivia Ramirez, TAMU-CC

Andrew Waltrip, TAMU-CC

Sabrina Kerr, Del Mar College

Ndeshihafela Kafidi, TAMUK

Cameron Pegram, TAMUK

Tresia Shifugula, TAMUK



Thank you to members of the Scholarship Committee:

Dennis Moore, President of CCGS; Brent Hopkins, Treasurer;

James Farmer, Lou Lambiotte, and Mike Maxon, Members

Dawn S. Bissell

Scholarship Committee

SPONSORS

SUEMAUR

Experience. Expertise. Exploration.

EXPLORING SINCE 1968



539 N Carancahua St, Suite 1100, Corpus Christi, TX 78401

(361) 884-8824

www.suemaaur.com



**CORPUS CHRISTI GEOLOGICAL SOCIETY
COASTAL BEND GEOPHYSICAL SOCIETY**



LUNCHEON MEETING ANNOUNCEMENT

October 15th, 2025

- Location:** Joe's Crab Shack, 444 North Shoreline Dr.,
Corpus Christi, TX 78401
- Student Sponsors:** Viper Exploration, Imagine Resources,
Mary DeMis. Thank you!
- Time:** 11:30 AM Social, Lunch follows at 11:45 AM,
Speaker at 12:00 PM
- Cost:** \$35.00 (additional \$10.00 surcharge without
reservation: NO SHOW may be billed.)
- Reservations:** Please RSVP by 11:00 AM on Monday, October
13th before the meeting!

Email: arrangements@ccgeo.org

Please note that luncheon RSVPs are a commitment to Joe's Crab Shack (Shoreline Drive) and must be paid even if you can't attend the luncheon.

SPONSORSHIP OPPORTUNITIES ARE AVAILABLE! IF YOU WOULD LIKE TO SPONSOR, PLEASE CONTACT US AT:

arrangements@ccgeo.org

3-D Technology For Exploration

David Desenberg

This presentation will be a story about how 3-D technology is used for exploration in our industry. Specifically, the presentation will show how Brayton Operating Company evolved, highlighting a cursory review of two or three of our most significant 3-D discoveries.

While it will review the 3-D results and successes, it will also be an overview of the anatomy of 3-D technology via the metamorphosis of a small oil company. Brayton recognized very early of a new way to apply emerging technology.

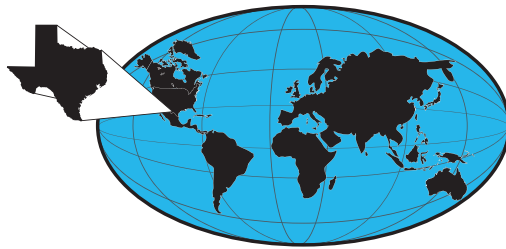
Further, it can be rewarding to recognize and apply new technologies as they manifest and continue to manifest themselves through time. After 3-D technology, our industry has seen horizontal drilling evolve quite significantly.

Biography

Dave was awarded a degree in geology from Dickinson College (Carlisle, Pennsylvania) in 1974. He spent most of his career in Corpus Christi as President, co-owner, and co-founder of Brayton Operating Corp. and the various Brayton companies.

Brayton was a pioneer in the use of 3-D seismic for exploration purposes. Beginning in the late 1990's, the company shot over 550 square miles of proprietary 3-D seismic in South Texas, and drilled over 300 wells. Brayton employed roughly 15 professionals and support staff (or more) during most of our active period with employment peaking at approximately 35 employees during the Pure Resources years. We were probably the largest of the small independents in Corpus for much of the late 1990's and 2000's. Brayton was active from 1986 to 2010.

Dave has retired in Calallen. He enjoys gardening and landscaping at his residence. Dave enjoys maintaining classic cars, and stays connected to the latest developments in the oil & gas industry.



THUNDER EXPLORATION, INC.

Celebrating 40+ years of prospect generation and exploration in the following South Texas plays and trends.

Frio	San Miguel	Edwards
Jackson	Austin Chalk	Pearsall
Yegua	Eagle Ford	Sligo
Wilcox	Buda	Cotton Valley
Olmos	Georgetown	Smackover

Thunder continues to seek non-operated working interest participation in projects and prospects.

Thunder has participated in more than 100 new drills in the last seven years.

Walter S. Light Jr.
President/Geologist

713.823.8288

EMAIL: wthunderx@aol.com

Geologic Interpretation of the Pleasanton Sandstone Boulder: Reklaw *or* Other Eocene or Paleocene Sand Units

By Randy Bissell¹ and Caleb Bauhs²

¹ Adjunct Professor, ² Student - 2025, Texas A & M University - Corpus Christi

Abstract / Technical Summary

This report documents the sedimentologic, palaeontologic, and petrographic characteristics of a large sandstone boulder collected from an unspecified site in the “Pleasanton vicinity” on the South Texas Gulf Coastal Plain, now housed at the Corpus Christi Museum of Science and History.

Field-scale observations reveal a well-indurated, medium- to very fine-grained sandstone with bidirectional cross-bedding, erosional surfaces, and upward-fining textures indicative of high-energy coastal processes such as tidal channels, inlets, or stream mouth bars. Fossil assemblages show a marked vertical ecological transition from gastropod-rich (moon snail and turritella types) lower beds to pelecypod-dominated shell lags above (mainly Nucular/Nuculana type), consistent with fluctuating salinity and energy typical of Paleogene marine regressive episodes. Thin section analysis highlights a framework dominated by quartz grains with silica overgrowths, near-total porosity reduction via early quartz cementation, and late-stage radiating sparry calcite cements. Exotic heavy minerals include hematite, probable glauconite or chlorite, and distinctly birefringent grains interpreted as zircon, tourmaline, or possibly topaz.

Collectively, the fossil assemblage and textural features align most closely with the Reklaw Formation (Lower Claiborne Group, Early Eocene, ~53–48 Ma), though similar lithologies and fossil assemblages occur in upper Wilcox or basal Yegua equivalents. Given uncertainty in exact provenance and stratigraphic position, this sandstone is best described as originating from the Reklaw *or* other Eocene or Paleocene sand units of the region. It records a dynamic nearshore to shallow marine system influenced by early Gulf Coast transgressions and subsequent burial diagenesis.

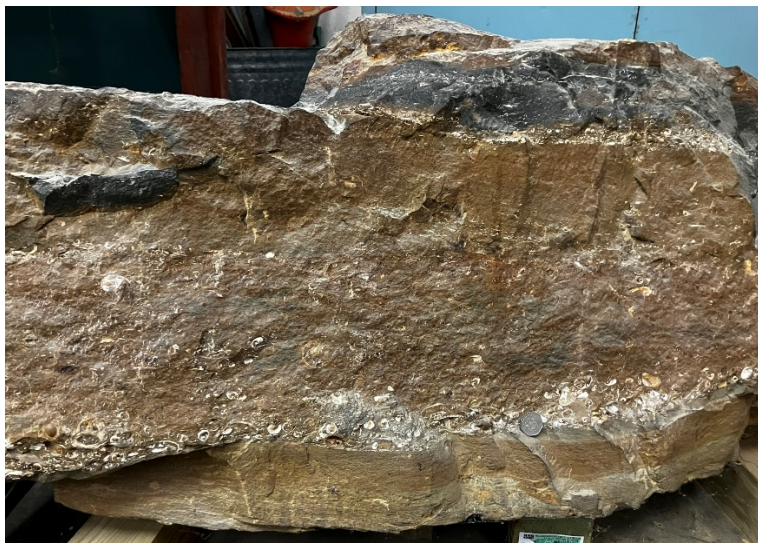


Photo 1 – The boulder at the Corpus Christi Museum of Science & History.

JOIN!



The Desk & Derrick Club of Corpus Christi is a dynamic organization that promotes the education of the petroleum, energy and allied industries and advances the professional

Member Benefits:

- Learn from energy industry experts.
- Network with energy industry leaders and colleagues.
- Attend regional and national meetings.
- Receive critical updates and information about the energy industry.
- Enhance communication and leadership skills.
- Make friends for life!

For more information about the Desk & Derrick Club of Corpus Christi and to learn about member eligibility, go to www.addc.org or contact Jena Nelson at 361-844-6726 or email at jena@amshore.com

The Desk & Derrick Club of Corpus Christi is a proud affiliate of the Association of Desk And Derrick Clubs, www.addc.org

Field Features & Fossil Content

The sandstone boulder measures roughly 3 ft by 5 ft and is composed of medium- to fine-grained, silica-cemented sandstone, with a dark gray unweathered interior and reddish-brown weathering surfaces. Prominent inclined planar cross-bedding, erosional truncations, and upward-fining beds indicate a high-energy depositional setting, such as a tidal channel, storm-influenced shoreface, stream mouth bar, or barrier shoal.

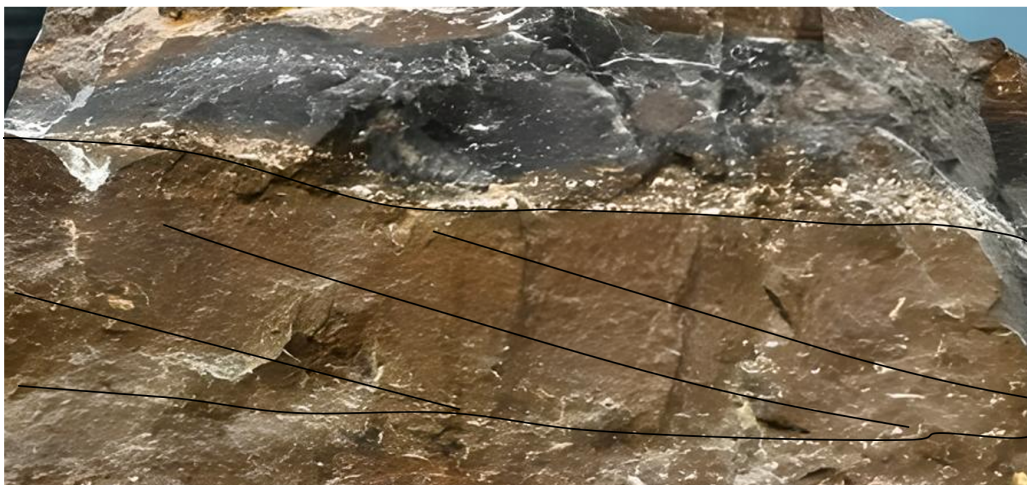
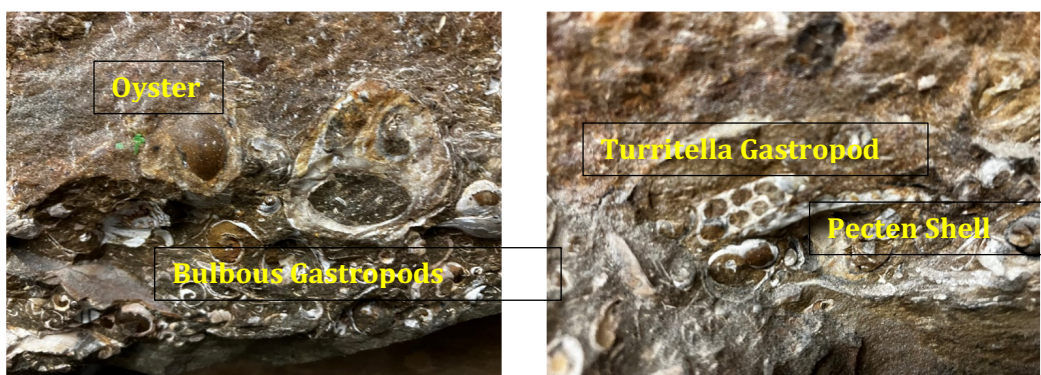


Photo 2 – Cross-bedding (marked) in the boulder.

Fossil content and distribution provides key paleoenvironmental clues. The lower strata contain abundant gastropods, especially *Turritella* and bulbous *Sycostoma*, with *Pseudolva*, along with small rostrate pelecypods and oysters, consistent with brackish estuarine or lagoonal conditions. Overlying these are shell hash layers dominated by small pelecypods such as *Nuculana* and fragments of larger *Pecten* species, indicating a transition to fully marine environments. This vertical faunal shift is characteristic of transgressive systems where rapid shoreline migration reworks older deposits, concentrating shell debris. Note: correspondence with David Dockery (2025) of the Mississippi Bureau of Geology and his referral to Garvie (1996) were vital to fossil identification and environmental interpretation.



Photos 3 & 4 – Photos of pelecypods (oysters and scallops) and gastropods observed in fossiliferous detritus zones as deposit traction lags on bedding planes.

SPONSORS



Panex Operating, LLC

Austin Nye, Manager
Corpus Christi, Texas

Oil & Gas Consulting Services

(361) 443 2239

anye@royaloilandgas.com



SINCE 1905

Petrography & Diagenesis

Thin section analysis of three samples revealed:

- Framework grains: Mostly fine-grained quartz, sub-rounded to angular, with quartz overgrowths indicating early diagenetic silica cementation.
- Porosity: Very low (~1–3%), resulting from quartz overgrowths and later pore-filling calcite cements.
- Cement: Later-stage diagenesis produced radiating sparry calcite cements, often ferruginous, growing into remaining pore spaces as open-space fills or partial replacements classic indicators of evolving burial fluids under changing redox conditions.
- Heavy & exotic grains: Opaque hematite, reddish limonite-stained or jasper-like quartz, green glauconitic or chlorite-clay minerals, and highly birefringent grains with sharp refractive index contrast to adjacent quartz and calcite grains and cements, consistent with zircon, tourmaline, or topaz.

These indicate provenance from continental uplifts with delivery of heavy minerals into nearshore settings.

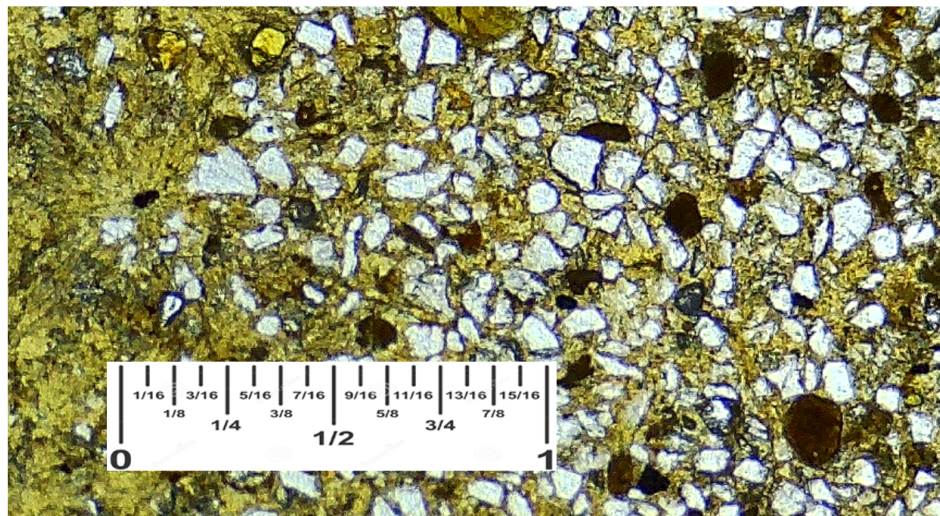
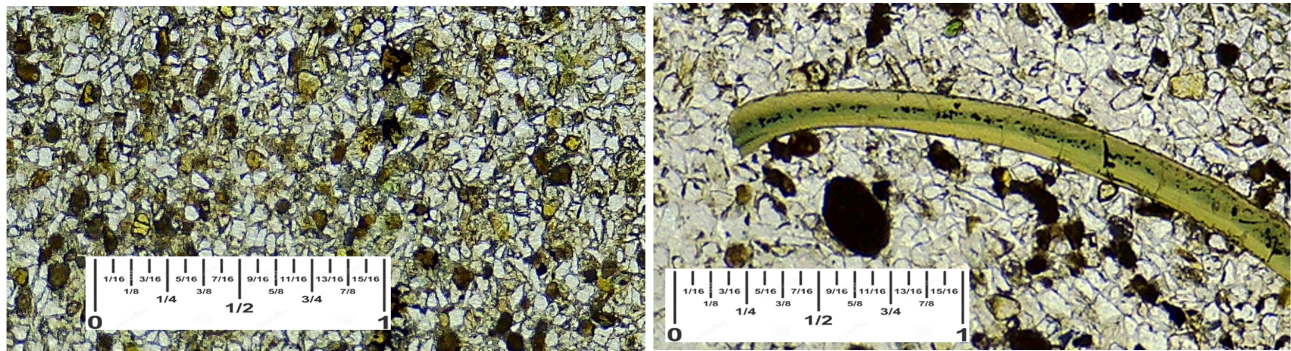


Photo 5 – Photomicrograph of very fine-grained quartz sands in ferruginous calcite cement matrix. Darker rounded grains are likely glauconite or altered clay minerals. Scale: 1mm.



Photos 6 & 7 – Photomicrograph of fine grained sands illustrating the prevalence of quartz, numerous dark opaque exotic grains, and a clam shell (right view). Scale 1 mm.

SPONSORS



*P.O. Box 252
Corpus Christi, Texas 78403
Office: (361) 884-0435
Fax: (361)-654-1436
www.nuecesland.com*

Nueces Energy, Inc. is a complete land services company in the business of providing professional landmen and project management to various energy related jobs primarily in the oil and gas industry.

With over 30 years of industry experience, we specialize in determining surface and subsurface ownership and negotiating and acquiring contracts, rights of way agreements, and easements to provide our clients with the legal right to explore and develop oil and gas resources. We provide a full service land company capable of managing any project no matter how large or small.

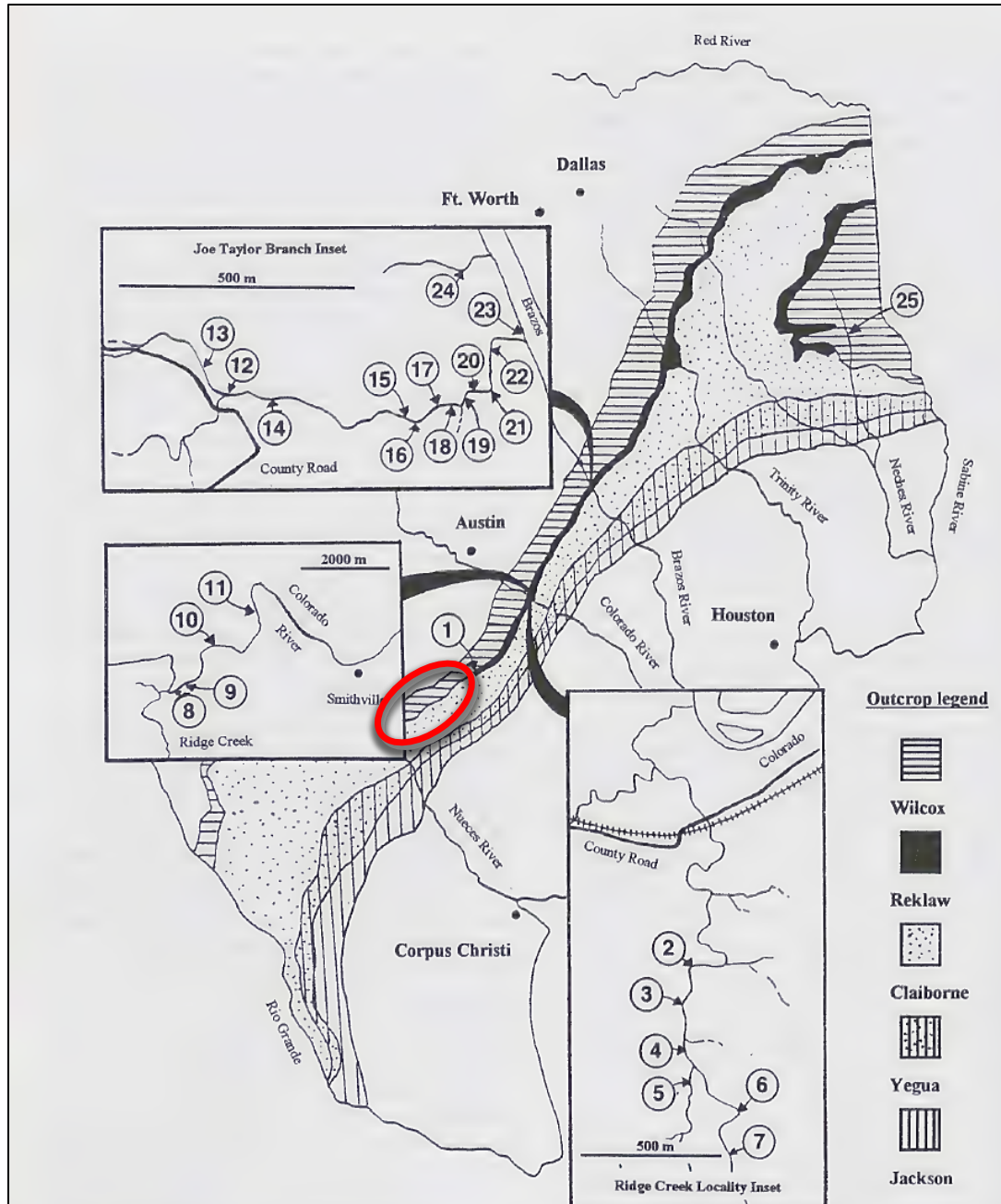
Jonathan N. Halepeska, CPL, REALTOR® and ROW Agent



**P.O. Box 98, Victoria, Texas 77902
301 S. Bridge St., Suite #1, Victoria, Texas 77901
(361) 550-4193
jnhalepeska@gmail.com**

Stratigraphic Context & Interpretive Uncertainty

Given Pleasanton's location near the Balcones Fault Zone on the Gulf Coastal Plain, this boulder most closely matches estuarine and marine sandstones of the Reklaw Formation (Lower Claiborne Group, Early Eocene). The Reklaw represents a major fore-stepping and back-stepping series of events covering Wilcox delta systems, leading to widespread deposition of fossiliferous sands rich with glauconite, diverse mollusk assemblages, and heavy mineral enrichment.



"Figure 5" from Garvie, 1996, illustrating known Reklaw outcrops in Texas. The "Pleasanton vicinity" is highlighted in the red oval south of his Location 1. Drill marks on the boulder relate to rock excavation associated with construction.

Similar depositional styles, fossils, and diagenetic signatures are known from upper Wilcox (Paleocene–earliest Eocene) marine tongues and basal Yegua (Middle Eocene). Because the precise collection site is undocumented — possibly from a quarry or road construction — it is scientifically appropriate to identify this rock as derived from “Reklaw or other Eocene or Late Paleocene sand units.”

Conclusion

This sandstone boulder provides a compelling record of dynamic Paleogene coastal environments along the early Gulf Coast, capturing transitions from brackish gastropod-rich to marine pelecypod-dominated settings under high-energy conditions. Petrography reveals a complex diagenetic history: early silica cementation preserving framework grain angularity, later radiating sparry calcite growths, and heavy mineral signatures reflecting sediment supply from the greater Central Texas/Edwards Plateau uplift along the Balcones Escarpment. Whether precisely Reklaw or a similar Paleogene sand, this mysterious boulder offers an invaluable window into shoreline processes and burial histories – and a fun forensic analysis.

Research Sources and References

Bissell, Randy, and Caleb Bauhs. 2025. "Pre-Thin Section Report on Pleasanton Sandstone Boulder." Unpublished memo documenting early fossil identifications and macro observations.

Bissell, Randy. 2025. "Geologic Interpretation of the Sandstone Boulder Allegedly from Pleasanton, Texas and stored at the Corpus Christi Museum of Science and History." Internal report prepared using field observations, ChatGPT analysis, and Google Earth.

Bureau of Economic Geology. 1974. Geologic Atlas of Texas: San Antonio Sheet. Austin: University of Texas at Austin.

Dockery, D. T., III, 2025, Personal Correspondence.

Galloway, W. E., T. L. Whiteaker, and P. Ganey-Curry. 2011. "History of Cenozoic North American Drainage Basin Evolution, Sediment Yield, and Accumulation in the Gulf of Mexico Basin." *Geosphere* 7 (4): 938–973.

Garvie, C. L., 1996, The Molluscan Macrofauna of the Reklaw Formation, Marquez Member (Eocene: Lower Claibornian), in Texas. *Bulletins of American Paleontology*, Vol. 111, Number 352.

Prothero, Donald R. 2013. *Bringing Fossils to Life: An Introduction to Paleobiology*. 3rd ed. New York: Columbia University Press.

Scholle, Peter A. 1979. AAPG Memoir 28: A Color Illustrated Guide to Petrographic Techniques of Sandstones. Tulsa: American Association of Petroleum Geologists.

Yancey, T. E. 1996. "Stratigraphy and Depositional Environments of Paleocene and Eocene Strata in the Western Gulf Coastal Plain." *Gulf Coast Association of Geological Societies Transactions* 46: 539–546. shaping South Texas' stratigraphic record.

Corpus Christi Geological Society

Papers available for purchase at the Texas Bureau of Economic Geology

Note: Publication codes are hyperlinked to their online listing in [The Bureau Store](http://begstore.beg.utexas.edu/store/) (<http://begstore.beg.utexas.edu/store/>).

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.
[CCGS 015TL](#) \$25.00

Type Logs of South Texas Fields, Vol. II, Wilcox (Eocene) Trend. Compiled by M. A. Wolbrink. 98 p., 1979. Ring binder.
[CCGS 016TL](#) \$25.00

Field Trip Guidebooks

South Texas Uranium. J. L. Cowdrey, Editor. 62 p., 1968.
[CCGS 102G](#) \$12.00

Hidalgo Canyon and La Popa Valley, Nuevo Leon, Mexico. CCGS 1970 Spring Field Conference. 78 p., 1970.
[CCGS 103G](#) \$8.00

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

Minas de Golondrinas and Minas Rancherías, Mexico. Robert Manson and Barbara Beynon, Editors. 48 p. plus illus., 1978.
[CCGS 106G](#) \$15.00

Portrero Garcia and Huasteca Canyon, Northeastern Mexico. Barbara Beynon and J. L. Russell, Editors. 46 p., 1979.
[CCGS 107G](#) \$15.00

Modern Depositional Environments of Sands in South Texas. C. E. Stelling and J. L. Russell, Editors. 64 p., 1981.
[CCGS 108G](#) \$15.00

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.
[CCGS 110G](#) \$15.00

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

GEO LINK POST

<http://www.lib.utexas.edu/books/landsapes/index.php> Free service. Rare, fragile, hard-to-find, public domain documents covering various topics about the landscape of Texas. Includes the Texas Geological Survey from 1887 until 1894.

USGS TAPESTRY OF TIME AND TERRAIN <http://tapestry.usgs.gov> The CCGS is donating to all of the 5th and 6th grade schools in the Coastal Bend. Check it out--it is a spectacular map. You might want to frame one for your own office. The one in my office has glass and a metal frame, and It cost \$400 and it does not look as good as the ones we are giving to the schools.

FREE TEXAS TOPOS'S <http://www.tnris.state.tx.us/digital.htm> these are TIFF files from your state government that can be downloaded and printed. You can ad them to SMT by converting them first in Globalmapper. Other digital data as well.

FREE NATIONAL TOPO'S [http://store.usgs.gov/b2c_usgs/b2c/start/\(xcm=r3standardpitrex_prd\)/.do](http://store.usgs.gov/b2c_usgs/b2c/start/(xcm=r3standardpitrex_prd)/.do) go to this webpage and look on the extreme right side to the box titled TOPO MAPS DOWNLOAD TOPO MAPS FREE.

<http://www.geographynetwork.com/> Go here and try their top 5 map services. My favorite is 'USGS Elevation Date.' Zoom in on your favorite places and see great shaded relief images. One of my favorites is the Great Sand Dunes National Park in south central Colorado. Nice Dunes.

<http://antwrp.gsfc.nasa.gov/apod/asropix.html> Astronomy picture of the day--awesome. I click this page everyday.

<http://www.spacimaging.com/gallery/ioweeek/iow.htm> Amazing satellite images. Check out the gallery.

<http://www.ngdc.noaa.gov/seg/topo/globegal.shtml> More great maps to share with kids and students.

www.ccgeo.org Don't forget we have our own we page.

<http://terra.nasa.gov/gallery/> Great satellite images of Earth.

www.ermaper.com They have a great free downloadable viewer for TIFF and other graphic files called ER Viewer.

<http://terrasrver.com> Go here to download free aerial photo images that can be plotted under your digital land and well data. Images down to 1 meter resolution, searchable by Lat Long coordinate. Useful for resolving well location questions.

TYPE LOGS OF SOUTH TEXAS FIELDS by Corpus Christi Geological Society

NEW (2019)TYPE LOGS IN RED;

ARANSAS COUNTY

Aransas Pass/McCampbell Deep
Bartell Pass
Blackjack
Burgentine Lake
Copano Bay, South
Estes Cove
Fulton Beach
Goose Island
Half Moon Reef
Nine Mile Point
Rockport, West
St. Charles
Tally Island
Tract 831-G.O.M. (offshore)
Virginia

BEE COUNTY

Caesar
Mosca
Nomanna
Orangedale(2)
Ray-Wilcox
San Domingo
Tulsita Wilcox
Strauch_Wilcox

BROOKS COUNTY

Ann Mag
Boedecker
Cage Ranch
Encintas
ERF
Gyp Hill
Gyp Hill West
Loma Blanca
Mariposa
Mills Bennett
Pita
Tio Ayola
Tres Encinos

CALHOUN COUNTY

Appling
Coloma Creek, North
Heyser
Lavaca Bay
Long Mott
Magnolia Beach
Mosquito Point
Olivia
Panther Reef
Powderhorn
Seadrift, N.W.
Steamboat Pass
Webb Point
S.E. Zoller
CAMERON COUNTY
Holly Beach
Lutties
San Martin (2)
Three Islands, East

Vista Del Mar

COLORADO COUNTY

E. Ramsey
Graceland N. Fault Blk
Graceland S. Fault Blk

DEWITT COUNTY

Anna Barre
Cook
Nordheim

Smith Creek
Warmley
Yorktown, South

DUVAL COUNTY

DCR-49
Four Seasons
Good Friday
Hagist Ranch
Herbst
Loma Novia
Petrox
Seven Sisters
Seventy Six, South
Starr Bright, West

GOLIAD COUNTY

Berclair
North Blanca
Bombs
Boyce
Cabeza Creek, South
Goliad, West

St Armo

Terrell Point

HIDALGO COUNTY

Alamo/Donna
Donna
Edinburg, West
Flores-Jeffress
Foy
Hidalgo

LA Blanca
McAllen& Pharr

McAllen Ranch
Mercedes

Monte Christo, North
Penitas

San Fordyce
San Carlos

San Salvador
S. Santallana

Shary
Tabasco

Weslaco, North
Weslaco, South

JACKSON COUNTY

Carancahua Creek
Francitas
Ganado & Ganado Deep
LaWard, North
Little Kentucky

lost now found

Maurbro

StewartSwan Lake

Swan Lake, East

Texana, North

West Ranch

JIM HOGG COUNTY

Chaparosa

Thompsonville,N.E.

JIM WELLS COUNTY

Freeborn
Hoelscher
Palito Blanco
Wade City

KARNES COUNTY

Burnell
Coy City
Person
Runge

KENEDY COUNTY

Candelaria
Julian
Julian, North
Laguna Madre
Rita

Stillman

KLEBERG COUNTY

Alazan
Alazan, North
Big Caesar
Borregos
Chevron (offshore)

Laguna Larga

Seeligson

Sprint (offshore)

LA SALLE COUNTY

Pearsall

HAWKVILLE:EAGLEFORD

LAVACA COUNTY

Hallettsville

Hope

Southwest Speaks

Southwest Speaks Deep

LIVE OAK COUNTY

Atkinson

Braslau

Chapa

Clayton

Dunn

Harris

Houdman

Kittie West-Salt Creek

Lucille

Sierra Vista

Tom Lyne

White Creek

White Creek, East

MATAGORDA COUNTY

Collegeport

MCMULLEN COUNTY

Arnold-Weldon

Brazil

Devil's Waterhole

Hostetter

Hostetter, North

NUECES COUNTY

Agua Dulce (3)

Arnold-David

Arnold-David, North

Baldwin Deep

Calallen

Chapman Ranch

Corpus Christi, N.W.

Corpus Christi West C.C.

Encinal Channel

Flour Bluff/Flour Bluff, East

GOM St 9045(offshore)

Indian Point

Mustang Island

Mustang Island, West

Mustang Island St.

889S(offshore)

Nueces Bay/Nueces Bay

West

Perro Rojo

Pita Island

Ramada

Redfish Bay

Riverside

Riverside, South

Saxet

Shield

Stedman Island

Turkey Creek

REFUGIO COUNTY

Bonnieview/Packery Flats

Greta

La Rosa

Lake Pasture

Refugio, New

Tom O'Connor

SAN PATRICIO COUNTY

Angelita East

Commonwealth

Encino

Enos Cooper

Geronimo

Harvey

Hiberia

Hodges

Mathis, East

McC Campbell Deep/Aransas Pass

Midway

Midway, North

Odem

Plymouth

Portilla (2)

Taft

Taft, East

White Point, East

STARR COUNTY

El Tanque

Garcia

Hinde

La Reforma, S.W.

Lyda

Ricaby

Rincon

Rincon, North

Ross

San Roman

Sun

Yturria

VICTORIA COUNTY

Helen Gohike, S.W.

Keeran, North

Marcado Creek

McFaddin

Meyersville

Placedo

WEBB COUNTY

Aquilares/Glen Martin

Big Cowboy

Bruni, S.E.

Cabazon

Carr Lobo

Davis

Hirsch

Juanita

Las Tiendas

Nicholson

O'Hem

Olmitos

Tom Walsh

WHARTON COUNTY

Black Owl

WILLACY COUNTY

Chile Vieja

La Sal Vieja

Paso Real

Tenerias

Willamar

ZAPATA COUNTY

Benavides

Davis, South

Jennings/Jennings, West

Lopeno

M&F

Pok-A-Dot

ZAVALA COUNTY

El Bano

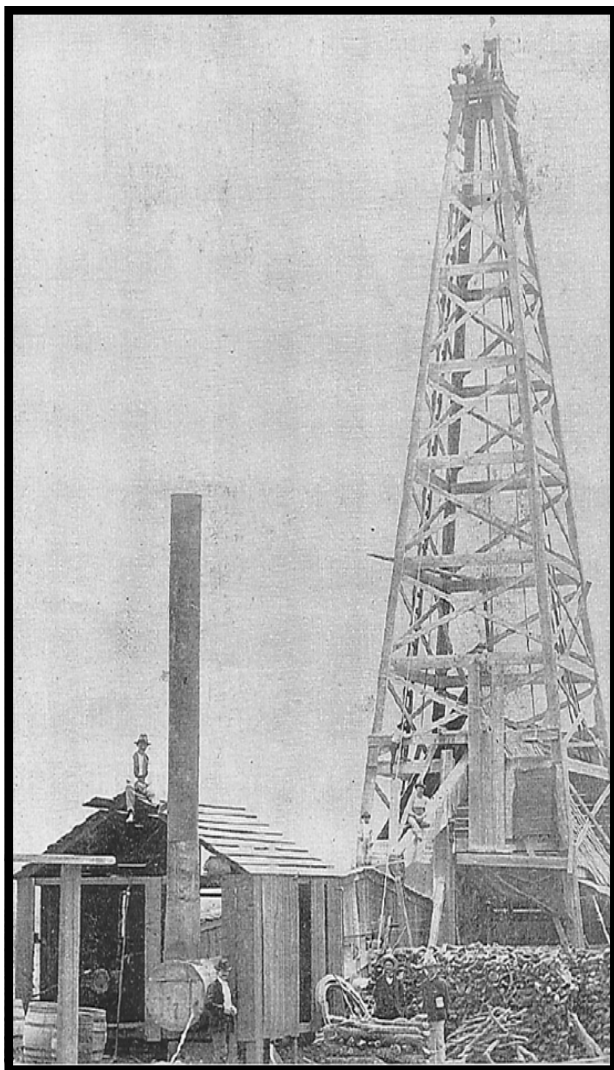
Call Coastal Bend Geological Library, Letty: 361-883-2736

1 log – \$10 each, 5-10 logs \$9 each and 10 + logs \$8.00 each – plus postage

OIL MEN
TALES FROM THE SOUTH TEXAS OIL PATCH
DVD
MEMBER PRICE \$25
NON-MEMBER \$30



To Order DVD
Sebastian Wiedmann
swiedmann.geo@gmail.com
If mailed add \$5.00



Wooden Rigs—Iron Men

The Story of Oil & Gas in South
Texas

By Bill & Marjorie K. Walraven

Published by the
Corpus Christi Geological Society

Corpus Christi Geological Society
Sebastian Wiedmann--
swiedmann.geo@gmail.com

Order Form

SALE \$55.00

Mail order form for Wooden rigs-Iron Men. The price is \$75 per copy,
if mailed \$65 per copy.

Name _____

Address _____

City, State, Zip _____

No. of books _____

Amount enclosed _____

Send to Corpus Christi Geological Society Book Orders
4425 Driftwood PL..

Corpus Christi, TX. 78411 Tax exempt# if applicable _____



Dawn S. Bissell
Geoscientist

Advent Geoscience Consulting, LLC
Corpus Christi, TX 78411

Phone: 361-960-2151
Email: bissells@swbell.net

MUD LOGGING SERVICE

WEL-LAB
Since 1961

MIKE BULLARD

(361) 221-9717 Office (361) 211-9715 Fax
(361) 522-1245 Cell P.O. Box 1011
E-Mail md_bullard@sbcglobal.net Kingsville, Tx 78363

James L. Claughton
CONSULTING GEOLOGIST

Office: (361) 655-7231
Fax: (361) 655-4729
Cell: 361-960-2014
clausoie@sbcglobal.net

615 North Upper Broadway
Suite 1935
Corpus Christi, Texas
78401-0779

Imagine Resources, LLC

Finding South Texas Hydrocarbons
since 1982

Frank G. Cornish

President/Consultant
555 N. Carancahua, Ste 1230
Corpus Christi, TX 78401

TEL: 361-563-9184 EMAIL: Frank.cornish@gmail.com
WEB: <http://imagineresourcesllc.com/>

SUEMAUR EXPLORATION & PRODUCTION, LLC

LEIGHTON DEVINE
Exploration Manager

p: (361) 884-8824 ext. 412 555 N. Carancahua, Suite 1230
c: (361) 510-8872 Corpus Christi, Texas 78401
ldevine@suemaur.com www.suemaur.com

FRONTERA EXPLORATION CONSULTANTS

*Geological and Geophysical Interpretation
Regional Geoscience Investigations*

THOMAS E. EWING, PH.D.
AAPG CPG #4538; Texas Lic. Geol. #1320

19240 Redland Road, Suite 250, San Antonio TX 78259
(210) 410-9587; (210) 824-6423 FAX
tewing@fronteraexploration.com

Since 1982

MATTHEW FRANEY
Consulting Geologist

AAPG CPG #6342

VENTEX OIL & GAS, INC.

711 N. Carancahua St. Suite 512 361-563-6327
Corpus Christi, TX 78401-0532 mfraney57@att.net

COWBOY
EXPLORATION

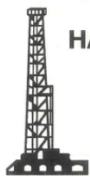
www.sellnonop.com

Buying Producing Non-Op W1 Nationwide
Cameron Goodwin, Managing Partner
512-717-4491
Cameron@CowboyExploration.com

Robert Graham
361-774-3635

RGR ENERGY, LLC

Oil & Gas Exploration and Development
P. O. Box 1843, Corpus Christi, TX 78403
grexploration@gmail.com

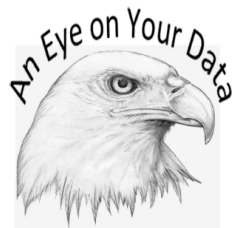


HART EXPLORATION, LLC.

RICK HART
Geologist / Owner

P.O. Box 3576
Bandera, Texas 78003

Cell: 512-626-3053
Email: hartexploration@aol.com



DENNIS MOORE
Log Analyst
Wireline Supervision
(361) 946-6037

Patrick Nye
President
patrick@nyexp.us

Office: (361) 452-1435
Cell: (361) 658-1089
Res: (361) 238-2146

NYE
Exploration & Production, LLC

800 N. Carancahua, Suite 1230
First Bank Plaza
Corpus Christi, TX 78401
www.nyexp.us



Jeff Osborn
Geologist

Herradura Petroleum, Inc.
14493 SPID, Ste A, #539
Corpus Christi, TX 78418

361-537-2349 jeff@herradurapetroleum.com

First Rock, Inc.
RGR Production First Rock I, LLC

Gregg Robertson

710 Buffalo St. Ste 402
Corpus Christi, TX 78401
361-884-0791

361-215-5559 - Cell
210-260-0300 - Cell
361-884-0863 - Fax
firstrockinc@msn.com



Doug Sartoris

Exploration Geologist / Managing Partner
800 North Shoreline Blvd.
Suite 2570 South
Corpus Christi, TX 78401
Office: 361-884-1130
Cell: 361-548-1130
doug@dsxenergy.com

SEBASTIAN P. WIEDMANN
GEOSCIENTIST

WILSON PLAZA WEST
606 N. CARANCAHUA, SUITE 500
CORPUS CHRISTI, TEXAS 78401

MOBILE (361) 946-4430
swiedmann.geo@gmail.com

YOUR CARD COULD BE HERE!
\$30 FOR 5 ISSUES. PRICES PRO-RATED. EMAIL LEIGHTON DEVINE AT
LDEVINE@SUEMAUR.COM