

Newsletter

December, 2025

SIPES Houston Energy Entrepreneurs



Be excited for:

- ❖ **Events: Convention, and Impact of Oil to Houston**
- ❖ **News: Politics, Foreign, science, and business**
- ❖ **Secret Surprises So Make Sure to Stay Tuned!**

[Image Citation: SIPES Houston. \(n.d.\). Oil rigs \[Photograph\]. SIPES Houston. Retrieved from https://sipeshouston.org](https://sipeshouston.org)



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A Farewell To News

- Zane Bey-

Greetings, my name is Zane Bey. I worked as an intern for Tanner Bowersox, chairman of SIPES. Currently I am a graduate student at Rice University in energy geoscience. In 2024 I graduated from Tulane University, where I researched mass wasting on Venus using synthetic aperture radar and GIS data in the department of Earth and Environmental Science. My first internship was at the Bureau of Land Management in the Carlsbad, New Mexico Field Office. Although I was born here in Houston, I spent many years living overseas as a member of an oil and gas family. This included Malaysia, UAE, Qatar. Despite the people constantly changing, I learned to appreciate the geological communities' importance on connection. Especially when it extends across country borders. Which is why, when asked, I immediately jumped at this opportunity.

This will be my last month as newsletter editor. As I look forward to my last academic semester, my sights have been set on beginning my employment journey. No textbook nor lecture could do justice to all I have learned in the past six months. From the wonderful people to the eye-opening experiences. Thank you all for your support, and guidance. I will carry these lessons with me as a foundation to my work. Whether it is in the Petroleum Club, out on the rig, or in your local Hillstone I hope to see you all again.

- Zane Bey, former writer of SIPES newsletter



SIPES HOUSTON
ENERGY ENTREPRENEURS

SIPES Houston Chapter

The Society of Independent Professional Earth Scientists (SIPES) is the only national organization designed exclusively for the independent or consulting professional prospector. Members include geologists, engineers, geophysicists, CEOs, and investors.

The Houston Chapter of SIPES is the largest local chapter of the SIPES National organization, which is based in Dallas. Part of the richness of SIPES is the networking and communication that propagates between the chapters in these oil communities.

When you see the SIPES Certificate of Membership, you can always be sure that you are dealing with honest and reputable geoscience professionals. Please visit our national website for more details.

Interested in joining us? Learn more about membership and the Houston chapter, or register for upcoming luncheons and events, where speakers discuss petroleum geology, engineering, and other oil and gas business topics



How To Find Us:

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AD BREAK:

Our digital age moves faster than ever. Trends, fashions and fads are impossible to keep up with. We are here to help you look slick no matter the times in our fantastic hats!



We are proud of what we do here and want to help you feel the same. Whether you're an oil man or woman, we have the perfect way to show off your work.

Hat: \$50

Link: [Shop - SIPES Houston](#)

STICKERS STICKERS STICKERS!!!

Come check out our amazing bumper stickers! No better time to represent your oil than when you're using it.



Sticker: \$10

Link: [Powered By Organic Oil Car Magnet - 1 - SIPES Houston](#)



Previous Events:



SIPES HOUSTON -Presents- THE END-OF-YEAR



"Elevator Pitch" CHRISTMAS DRILLING DEAL LUNCHEON

8 geologists...
8 prospects...
5 minutes each...

Before our elvish bouncers boot them off stage!

THURSDAY, December 18th!

at the Petroleum Club of Houston



Thanks to our main sponsor!

Klondike Gold Corp.

US Ticker: KDKGF

100%-owned acreage
of 180,166 acres in the
historic Klondike

Goldfields. Actively drilling
and pursuing a world-class
gold mineral resource.

Opening Talk by Peter Tallman, CEO



SIPES MEMBERS: \$45
NON-MEMBERS: \$55
WEEK-OF-EVENT: \$65

Register online
@ SIPESHOUSTON.ORG

Wine Served @ 11:00AM
Lunch Served @ 11:45AM

STEAK DINNER GIVEAWAY FROM:



PALOMA
OPERATING

Paloma Operating, LLC out of
Corpus Christi, is a complete
contract operating service,
operating wells for a number of
our SIPES Houston Members.
Land, Legal, Regulatory, Drill-
ing, Operations, JIBs, etc, tai-
lored to client needs. Contact
us for an AFE. We operate all
across Texas.

BOURBON BOTTLE GIVEAWAYS FROM:



Altair Resources



**MERCENARY
SALES**



Another successful SIPES Houston Holiday Luncheon at the Petroleum Club. Deal buyers & sellers had the opportunity with 8 prospects. Thanks to everyone that showed support. Thanks to the Klondike Gold Corporation for being the main sponsor and the Paloma Operating Company, Inc. for being the Steak Dinner sponsor. Thank you to the Bourbon Giveaway Sponsors: Energy Domain, Aurora Resources Corporation, Z-Terra Inc., Altair Resources Inc, Bruington Engineering, LLC, and Mercenary Sales. Thank you to the presenters: Allen Bertagne, Jarrod M., Milan Swikert, Steve M. Smith, Barry Rava, Paul Habermas, Richard Calloway, P.E., PMP, Brian Kalinec, robby durst, and Peter Tallman. No event like it! It's always fun to see prospects and keep moving our energy industry in the right direction.



Upcoming Events:

Happy Holidays!

Updates From the Capital:

What's new from Capitol hill? Here's the latest on funding and regulations so you know where to put your sandbags and your money bags.

Nuclear V.S. Natural Gas

Ernest Moniz, former Energy Secretary under President Obama, has sharply criticized Donald Trump. Moniz claims the May 2025 executive order to fasttrack nuclear reactor approvals, warning that weakening the Nuclear Regulatory Commission's independence could risk unsafe deployment and setbacks for nuclear energy. Yet the article highlights Moniz's extensive post-government entanglement with fossil fuel interests: serving on Southern Company's board with lucrative stock holdings, leading a foundation that published a natural gas friendly report funded by industry sponsors, and running a consulting firm tied to oil and gas clients worldwide. Critics argue these ties create conflicts of interest, noting his advocacy for natural gas aligns with the financial interests of his sponsors and foreign-linked partners, raising concerns about transparency and the influence of fossil fuel industries on U.S. energy policy.

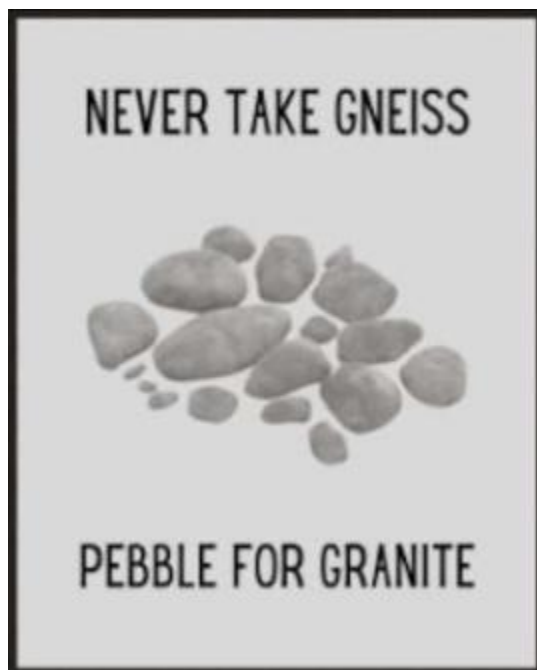
Want to read more? Click here: [Link](#)



SPEED Act to Hit the Senate

The House of Representatives has passed the bipartisan Standardizing Permitting and Expediting Economic Development (SPEED) Act in a 221–196 vote, aiming to streamline federal approvals for infrastructure and energy projects by reforming the National Environmental Policy Act (NEPA). The bill would shorten environmental review timelines, limit consideration of downstream effects such as carbon emissions, and reduce the statute of limitations for legal challenges. While supporters, including fossil fuel trade groups and the U.S. Chamber of Commerce, argue it will cut red tape and boost domestic growth, critics warn it could undermine clean energy development and give the Trump administration leeway to block renewable projects. The legislation now heads to the Senate, where its prospects are uncertain due to controversial amendments that have already caused some clean energy groups to withdraw their support.

Want to read more? Click here: [Link](#)



Updates From Across the Borders and Oceans:

In an age of globalization one must pick up newspapers from every country. We are here to help. We have brought you important updates from around the globe.

Prices, and Drops, and Futures Oh My!

Global oil markets are bracing for a major glut in 2026 as new producers like Guyana ramp up exports and established suppliers such as Brazil, Saudi Arabia, and the U.S. continue to lift output, pushing record volumes onto the seas. Benchmark Brent crude has already fallen about 20% in 2025 to near \$60 a barrel, with traders predicting prices could dip into the \$50s before recovering later in the year. While cheaper fuel is easing inflation and benefiting consumers, especially in the U.S., where gasoline has dropped below \$3 a gallon, it threatens the fiscal stability of oil dependent nations like Saudi Arabia and Angola, whose budgets require far higher prices. The International Energy Agency projects supply could exceed demand by nearly 3.8 million barrels per day, raising concerns of oversupply despite geopolitical tensions in Ukraine and Venezuela that could



briefly disrupt flows. Producers are responding with layoffs and cost cutting, but many continue investing in core projects, betting demand will rebound beyond 2027

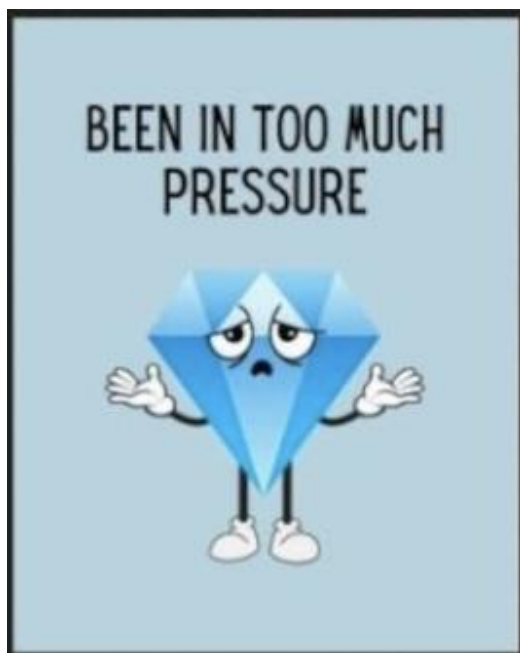
Want to read more? Click here: [Link](#)



Monthly World Oil Market Report

The IEA Oil Market Report for December 2025 highlights that global oil markets are entering 2026 under pressure from a growing supply glut, with production increases outpacing demand growth. The report notes that OPEC+ output remains high despite weaker consumption trends, while non-OPEC producers, particularly in the U.S., continue to expand supply. Demand growth is slowing due to economic headwinds and efficiency gains, while inventories are building, putting downward pressure on prices. The analysis emphasizes that geopolitical risks, climate pledges, and energy transition policies are shaping market uncertainty, but the immediate outlook points to softer prices and heightened volatility as the industry balances oversupply with shifting demand dynamics

Want to read more? Click here: [Link](#)



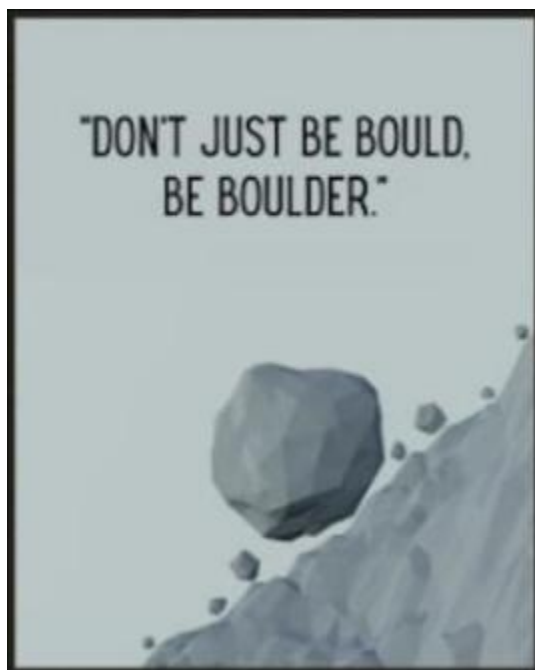
What's Brewing in the Beakers:

Of course we also bring you news straight from the labs so you can stay up to date on *oil* the facts.

Potential of Antimonene

Recently a new study investigates the potential of antimonene, a two-dimensional material made of a single atomic layer of antimony, as a sensor for dissolved gases in transformer oil using Density Functional Theory (DFT). The researchers found that antimonene retains its semiconducting properties after gas adsorption but experiences a reduced band gap. While gases like methane (CH_4), hydrogen (H_2), ethane (C_2H_6), and carbon monoxide (CO) mainly show weak physisorption, acetylene (C_2H_2) and ethylene (C_2H_4) exhibit stronger chemisorption, with ethylene demonstrating the highest adsorption energy (-2.8918 eV). Recovery times varied, with H_2 responding in just 1.149 seconds, highlighting fast sensing capability. Molecular dynamics confirmed structural stability, suggesting antimonene is a promising material for real-time, robust gas detection in transformer oil environments, offering advantages over traditional diagnostic methods

Want to read more? Click here: [Link](#)



Underground Gas Storage

An article examines underground gas storage (UGS) in depleted oil reservoirs, focusing on the challenges posed by residual oil and bound water in water-flooded systems. While most global UGS facilities are in depleted gas reservoirs, oil reservoir type storage remains underexplored due to complex three phase interactions of oil, gas, and water. Using laboratory displacement experiments and CMG black oil simulations, the study finds that bound water supports higher storage efficiency (up to 42% working gas ratios), whereas residual oil restricts capacity (12–30%) and pressure stability. Structural highs allow greater injection rates but require strict pressure control, while flanks provide steadier recovery. The research highlights how residual fluids influence injection–withdrawal performance and proposes an experiment–simulation framework to better predict storage capacity and design schemes for water-flooded reservoirs

Want to read more? Click here: [Link](#)



Portfolios, Prices, Patents, and Performances:

From one business person to another I worked hard to bring you news from the field in hopes it will help your company grow.

BP Speaks Out

BP has appointed Meg O'Neill, former CEO of Australia's Woodside Energy, as its new chief executive, marking a decisive pivot back to oil and gas after years of wavering on renewables. O'Neill, known for doubling Woodside's production and prioritizing liquefied natural gas while shelving uneconomic low-carbon projects, is expected to bring operational rigor and a fossil-fuel focus that many investors, including activist Elliott Investment Management, see as essential for BP's revival bloomberg.com. Her appointment follows shareholder frustration with Murray Auchincloss's failed net-zero strategy, and while BP has already shed clean-energy assets and added oil veterans to its board, O'Neill faces the challenge of repairing a weak balance sheet, navigating volatile oil prices, and restoring investor confidence after years of upheaval.

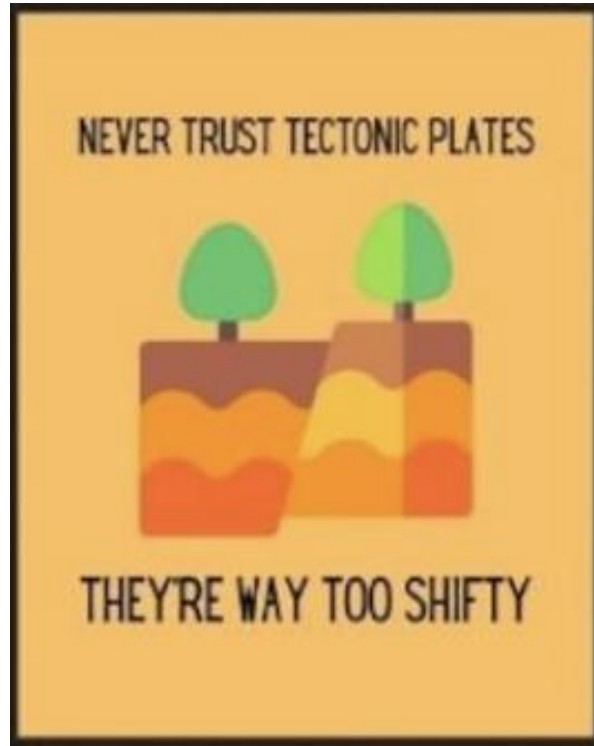
Want to read more? Click here: [Link](#)



Monthly Updates:

Bakers Hughes Rig Count as of Dec 12th (-1 as of Dec 5th & -41 as of last year's count):

	Total Rigs	Oil Rigs	Gas Rigs	Misc. Rigs
12/12/2025	548 -1	414 +1	127 -2	7
12/05/2025	549 +5	413 +6	129 -1	7
11/26/2025	544 -10	407 -12	130 +3	7 -1
11/21/2025	554 +5	419 +2	127 +2	8 +1
11/14/2025	549 +1	417 +3	125 -3	7 +1

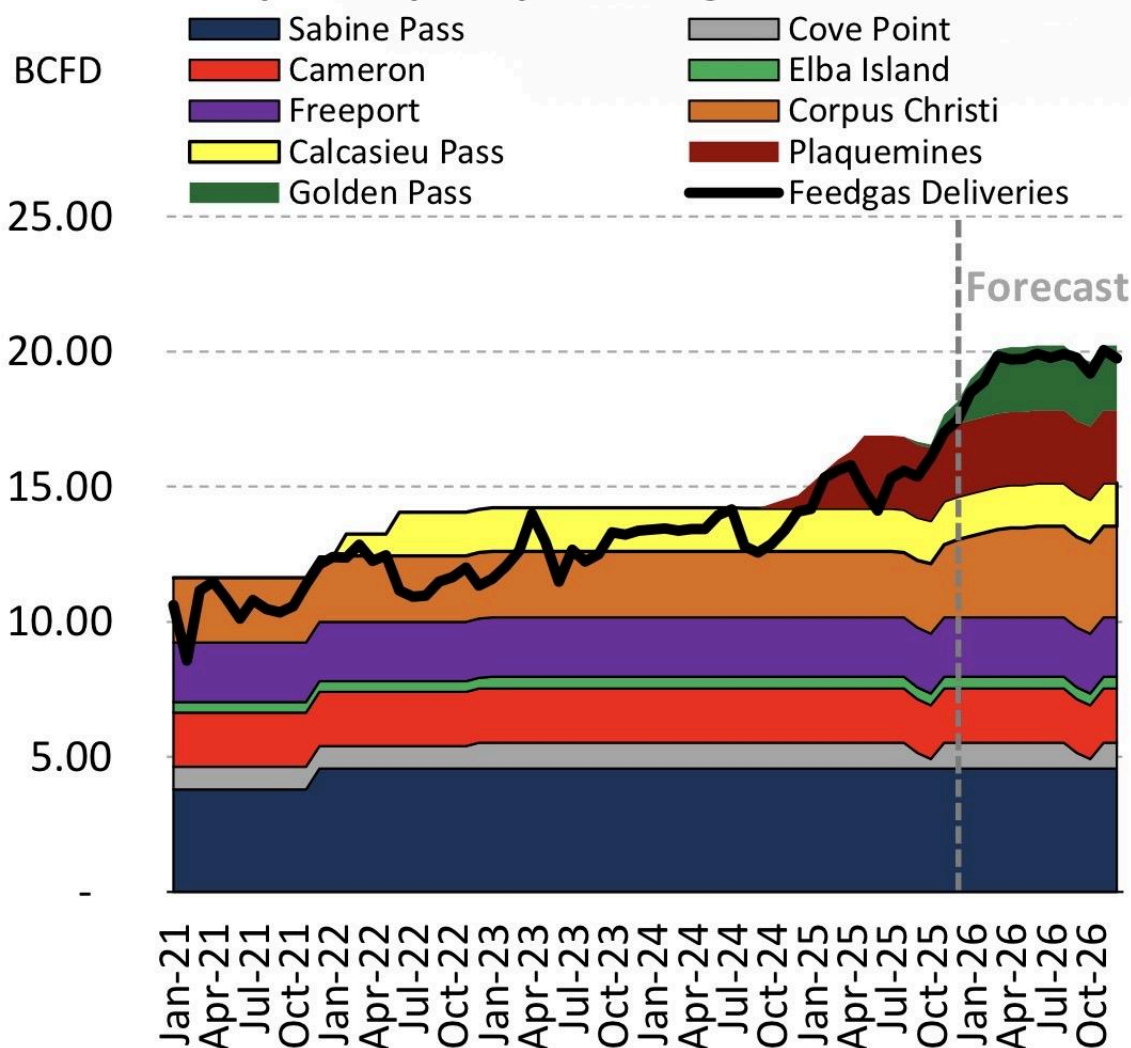


WTI Oil (on the left) and Natural Gas Nymex (on the right) Prices Monthly Report
(11/18/2025-12/18/2025):





U.S. LNG export capacity vs feedgas deliveries



Source: Energy Ventures Analysis, EIA



HAVE A GNEISS DAY!

