

Newsletter

October, 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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Letter From The Editor

- Zane Bey-

Greetings, my name is Zane Bey. I work as an intern for Tanner Bowersox, chairman of SIPES. Outside of summer time I study as a graduate student at Rice University in energy geoscience. Last year 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.

My goal with restarting this newsletter is to help keep you all informed with news from every sector. Both about the happenings in SIPES and the world of earth science around us. To achieve this I have divided the newsletter into four separate categories: political news, global news, science news, and business news. Many intelligent and creative thinkers populate this community. Through this newsletter SIPES will be able to better connect one another.

I deeply appreciate this opportunity and look forward to meeting you all. Thank you to Tanner Bowersox for guiding me. May your rigs keep gushing with oil.

- Zane Bey, 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:

- ❖ Located: 3242 Summerland Drive. Manvel, TX 77578
- ❖ Website: www.sipeshouston.org
- ❖ Mail: SipesHoustonChapter@Gmail.com

Contact Us:

Chairman & Treasurer	Tanner Bowersox	Tanner@BowersoxExploration.com
Secretary	Ryan Price	RPrice@Poco-LLC.com
Membership	Jeff Allen	Jeff@AllenEnergyLLC.com
National Director	Paul Habermas	paul@nettlecombe.net
Technical Programming	Jory Pacht	jorypacht@gmail.com
Public Relations	Jeff Lund	Jeff.Lund@corridoroilandgas.com
Podcast	Justin Vandenbrink	justin@mercsales.com
Sponsorship	John Asma	johna@z-terra.com
Software Chair & Journal Chair	Matt Boyce	matt.boyce@epochconsultingllc.com
Office Manager	Meghan Jones	SipesHoustonChapter@gmail.com
The Chili Cook-Off Czar	Scott Leaseburge	leaseburgeexp@gmail.com
Website Chair	Andrew Muñoz	andrew@4cast.io
Deal Buyers	Jeff Allen	Jeff@AllenEnergyLLC.com
Newsletter	Zane Bey	mzbey30@gmail.com



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](#)



Upcoming Events:



Latisha Andrews, is the visionary Founder and CEO of Beta Academy, an impressive charter school located in southeast Houston. Beta Academy has been offering astounding education to underprivileged communities. Andrews' inspirational fight for academic equality has come to fruition. Her mission has grown to introduce young people to the "real world" of business and industry professionals. This goal is what brought SIPES and Beta Academy together. After participating in the "Maps in Schools" program, Jeff Lund and fellow SIPES member Elizabeth de Leon-Maestas continue to give presentations at the Beta Academy. These collaborative efforts have officially been the most outreach between SIPES and any school. Such accomplishments are merely a part of her glowing resume. We look forward to hosting her at the upcoming November 20 SIPES luncheon.



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.

Texas Company Looking For Californian Oil

Trump administration officials are supporting a Texas based oil company's bid to restart offshore drilling in California. This comes nearly a decade after a corroded pipeline rupture in 2015 caused one of the state's worst oil spills. The spill, which released thousands of gallons of crude oil along the Southern California coast, led to the shutdown of the operation and fueled strong opposition to offshore drilling. Despite environmental concerns and public resistance, the company is seeking federal approval to revive production. With Trump officials backing the effort as part of a broader push to expand domestic fossil fuel development. The move has reignited debate over balancing energy security, environmental protection, and the political influence of the oil industry.

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

Warning Geologist Trap Ahead!





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.

Usual Strikes (Not Workers in France For Once)

Ukraine has continued to intensify its long range drone campaign against Russian oil refineries, aiming to inflict economic pain that Western sanctions have not achieved and to pressure President Vladimir Putin to reconsider the war. Operating from secret sites far from the front lines, Ukrainian drones have already damaged or destroyed refining capacity of 20% of Russia's total. The country now faces severe fuel shortages, price spikes, and rationing across the country. While analysts note these strikes do not directly cut into the Kremlin's main revenue from crude exports *yet*, they disrupt daily life for ordinary Russians. Kyiv views the refinery attacks as both a military tactic and a signal to Western allies of its determination to keep fighting, even as it seeks more advanced U.S. weapons to sustain the campaign

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

World Oil Market Report

The October 2025 IEA Oil Market Report highlights a global oil market in surplus, with supply outpacing demand amid geopolitical tensions and structural shifts. Oil demand rebounded modestly in Q3 2025, rising 750 kb/d year-over-year, but remains below historical trends due to economic headwinds and transport electrification. Meanwhile, global supply surged by 760 kb/d month-over-month in September, driven by a 1 mb/d boost from OPEC+, especially the Middle East. Inventories hit a four-year high, with a massive 102 mb build in oil on water, while refining margins rose due to disruptions in Russian exports. Despite stable prices around \$64/bbl, risks persist from sanctions, infrastructure attacks, and shifting trade dynamics

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



Indians Punished for Trade With Iran

The U.S. has imposed sanctions on nine Indian companies and eight Indian nationals for allegedly participating in Iran's energy trade, as part of its broader "maximum pressure" campaign against Tehran. The State Department and Treasury targeted nearly 100 individuals, entities, and vessels worldwide, accusing them of facilitating the shipment of Iranian oil, petroleum products, and liquefied petroleum gas (LPG) to overseas buyers. Among those sanctioned are several Mumbai and Delhi based chemical and petrochemical firms, which Washington claims imported hundreds of millions of dollars' worth of Iranian origin products in recent years. The Treasury emphasized that the move aims to dismantle Iran's energy export networks, which it says generate illicit funds for the regime's nuclear program and support for militant groups

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.

Climate Change Reports Criticized

A Wall Street Journal opinion piece argues that the National Academies of Sciences' recent climate report is: biased, rushed, and designed to reinforce the EPA's 2009 finding that greenhouse-gas emissions endanger public welfare. Meanwhile they downplayed evidence of natural variability and contradictory data. Steven E. Koonin criticizes the report for omitting historical context on floods, sea-level rise, heat waves, and hurricanes, as well as for overstating the reliability of climate models. All while ignoring findings from a recent Department of Energy study that presented a more moderate view of climate risks. By excluding dissenting perspectives and inconvenient evidence the Academies undermine public trust in science and provide an incomplete picture of climate change impacts. His research leads the author to suggest that government funding for such studies should be withheld until greater objectivity is restored.



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

Article provided by Kirk Dice at Wadi Petroleum

Oil Behavior in Sub-Sea Blowout

A new study “*Unraveling deepwater oil blowouts at different depths*” investigates how oil behaves during subsea blowouts under varying high-pressure conditions, combining laboratory experiments with modeling to improve spill predictions. Researchers found that most oil droplets suspended in water were extremely small, less than 20 μm in diameter. Therefore they are making up over 98% of the extractable oil mass, while dissolved toxic compounds like BTEX and PAHs accounted for less than 2%. Results showed that deeper blowouts led to higher oil concentrations in surrounding waters, with temperature and pressure strongly influencing how long small droplets remained suspended near the blowout site. These findings provide critical data for refining and validating oil spill models. Thus offering insights that could improve environmental response strategies for future offshore incidents.

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

Making Heavy Oil a Less Heavy Endeavor

An article introduces a novel polymer surfactant called PTMO, designed to enhance heavy oil recovery by addressing the inefficiencies of traditional CO₂-enhanced oil recovery (CO₂-EOR) methods. PTMO exhibits a dual-thickening mechanism triggered by CO₂-induced acidity and elevated temperatures that forms a cross-linked network to block high permeability channels and improve gas displacement. It also significantly reduces oil-water interfacial tension, promoting stable emulsions and achieving over 95% viscosity reduction at low concentrations. Core flooding experiments show a 12% increase in oil recovery, and aging tests confirm its long-term stability. This innovation offers a promising solution to the challenges of extracting heavy oil, potentially transforming global energy production strategies.

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.

Prices Prices Prices! Where Change is the Only Constant

Oil prices are reported slipping after briefly hitting a seven week high. Traders weighed the International Energy Agency's warning of a potential global supply surplus in 2026 alongside renewed U.S., China trade tensions that could dampen demand. Brent crude fell to \$62.18 a barrel and West Texas Intermediate to \$58.57. Analysts are pointing to rising output from OPEC+ and sluggish consumption as key drivers of the downturn. Escalating trade disputes, marked by new port fees, rare earth export controls from China, and U.S. tariff threats have heightened concerns over economic growth and freight costs, further pressuring the market. Investors are also awaiting U.S. inventory data, expected to show a modest rise in crude stockpiles despite declines in gasoline and distillates.

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

BP Prepares for Upcoming Market

BP expects stronger earnings in the third quarter of 2025 due to increased upstream production and higher refining margins, particularly from its U.S. shale business and gas operations. This marks a shift from earlier guidance that predicted lower output. However, the company warns of a weak oil trading performance that could offset gains, contrasting with its strong second-quarter results. BP is undergoing a strategic overhaul under pressure from activist investor Elliott Investment Management, including divestments like its Castrol lubricants division and a renewed focus on oil and gas over low carbon energy. It aims to reduce net debt to \$14–18 billion by 2027, with current levels holding steady at around \$26 billion.



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

Baker Hughes Rig Fall?

Every month we provide the Baker Hughes Rig count in our article. For the first time in six weeks, the rig count declined, dropping by two to a total of 547 rigs. Oil rigs fell by four to 418, while gas rigs rose by two to 120, marking their highest level since August. The Permian Basin and Texas saw their lowest rig counts since September 2021, reflecting broader industry trends driven by falling commodity prices and strategic shifts toward shareholder returns over production growth. Despite this, the U.S. Energy Information Administration forecasts increased crude and gas output in 2025, with crude production expected to reach 13.5 million barrels per day and gas output rising to 107.1 billion cubic feet per day.



Monthly Updates:

Bakers Hughes Rig Count as of Oct 10th (-2 as of Oct 3rd & -39 as of last year's count):

In the United States: 547 (Oil: 418, Gas: 120, Misc: 9).

WTI Oil (on the top) and Natural Gas Nymex (on the bottom) Prices Weekly Report
(9/15/2025-10/15/2025):

WTI Crude

58.47 -0.41%



Natural Gas

2.995 -0.86%

