



See page 5 for details of Luncheon to be hosted on April 19th.

With the closing of the Club Pheasant in December, the officers of the SPA got together to evaluate our options going forward. We couldn't come up with a viable venue to meet and given the state of the industry in Northern California it was decided that now was the right time to shut it down.

It has been great run and a tribute to all of you who have continued to be a part of this industry with all of its ups and downs over the years. My thanks go out to all of our speakers over the years and especially to Roland Bain for his annual drilling recap. Special shout out to Pam, without her, this group would have shut down years ago.

Please join your fellow members for a final, final hosted luncheon at Rudy's Hideaway on Wednesday, April 19th, starting at noon. (RSVP REQUIRED PLEASE).

Looking forward to a great turnout!

Jerry Reedy, President

OK, fellow members of the Sacramento Petroleum Association, after a meeting scheduled for later this year you will no longer be able to get your SPA TREATMENTS!

In other words, you're once a month "fix" that allowed you to get together with other oil and gas industry fellows and fellas that made you feel so much better about yourselves is finished! At least as far as the tie to the Pacific Section of the American Association of Petroleum Geologists is concerned!

The presence of the oil and gas industry in the Sacramento Basin is diminishing. Many of the companies that used to come up with natural gas prospects ideas, shoot the 2D and 3D seismic to define the hair-brained ideas the geologists and geophysicists came up with, lease the lands that needed to be used for the drilling, raise the money with private investors to drill the well, get your permit from the DOG, DOGGR or CalGEM, and go drill your well- WELL, they are gone! (Oh, also you might have had to find out if you had any rare and endangered species at your drill site if the lands came under CEQA).

The SPA has had a few meetings recently (months ago) and the attendance at Club Pheasant was 25 or so for the next to last one and 12 or so for the last one. So, the officers of the SPA got together for lunch at the Club a few days before it closed (Yes, they are no longer in business as of the end of 2022!). At that meeting, we decided that it was time to end the existence of the SPA, at least as a part of the Pacific Section AAPG. Several of the officers said that we could still have speakers at meetings in a restaurant, perhaps as just a group of concerned citizens in need of the SPA type treatment. I mentioned then that we had people lined up to speak, who had contacted me and wanted to give talks, including Neil Delfino and Steve Testa.

I called the Club Pheasant in late 2022, knowing that they were going to shut down by years end. I asked if we could still have a meeting in the small meeting room in November or December, but the manager I talked to said that they could no longer have such meetings due to a lack of personnel. So, it was of interest to me that at our little executive luncheon I mistakenly walked into and looked around the big meeting room, and a man there setting up a projector asked me if I was there for the Rotary Club. I guess the manager meant to say that our group was too small to matter.

Anyway, my thanks to my cohorts who have put years and years into the success of the SPA:

Jerry Reedy, President

Derek Jones, Secretary

Pam Ceccarelli, Treasurer/Editor

Well, in order to finalize this chapter of our existence, I decided to go back and look at the ultimate reference of our basin: Volume 3 of the Oil and Gas fields Data Sheets! I then remembered that this publication was made around 1980. So, I went to look at the list of oil and gas wells on Well Finder, the map that CalGEM uses to show all the fields and wells in the State. I found some 26 new gas fields in the greater Sacramento Basin discovered since (roughly) 1980! I then created a spreadsheet of all of the production by year for the 28 fields. This list of fields and production roughly coincides with the advent of modern 3D seismic. I know that many Townships (that's 36 square miles of area, to those of you who don't know!) have been shot with 3D. I have had several adventures into a large 3D shot in the southern part of the basin, where the operator wanted to name the effort an acronym of "Sacramento". So, they came up with the name "Conestrama". You can look up a paper authored

by May that talks about that particular 3D and share a lot of it in the publication. I think this shoot alone covered about 250 square miles of area!

Anyway, the new fields for the most part were short lived and made only small amounts of natural gas. Some of them lasted for decades, but most last only a few years. The basin has made some 11 trillion cubic feet of natural gas, a lot of it coming from the greater Rio Vista group of fields (about ½ of the total, around 5 trillion!) and another large amount from the Greater Grimes (and Sutter Buttes) area (around 2 trillion!).

So, it was disappointing but not unexpected to see that all of the new fields discovered between 1980 and 2019 (the “3D” period of exploration) added only a miniscule amount to the basin total. The total natural gas production for these new fields through 2019 was 120 billion cubic feet. I remind you that the total for the basin is about 11 trillion cubic feet. So, the total gas produced from NEW DISCOVERIES (not additional gas found in new pools within existing, known fields found before 1980) is about 1% of the total. And, according to the fields listed by CalGEM on the WELL FINDER, the latest discovery I could find was Hood-Franklin in 2007. However, I added Oakdale field as well, which is a little bit south of the old District 6 area, but still well within the “Greater Sacramento Basin”. Almost all the 26 fields are no longer producing. The largest ones found were Knight’s Landing (18 Bcf) and Elkhorn Slough (14 Bcf).

So, there you have it. When I worked in the basin, I was proud that my efforts (if successful, and some of them were) helped bring the methane to the burner tip of the stove so that people could cook. But now, the basin is near the end, and the SPA is near the end. The basin has become what the SPA became to Club Pheasant. Too small to matter.



Scott Towers Hector

Sacramento Basin Exploration Geologist Emeritus





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The SPA post office address will be cancelled May 1, 2023. You can still contact any of us on email and as past officers, we will always be available to share information about our disappearing Oil and Gas industry in CA. Anyone can contact pc626@comcast.net and Pam will still get information out to our past members.

I do have a membership directory available to anyone who is interested, but as far as accuracy and changes are concerned, I can't promise you that. If you would like to receive a .pdf copy please let me know at pc626@comcast.net



IN HONOR OF ALL OF RAST  
MEMBERS SPA WILL HOST A


# GOODBYE LUNCHEON

Wednesday, April 19th  
Noon

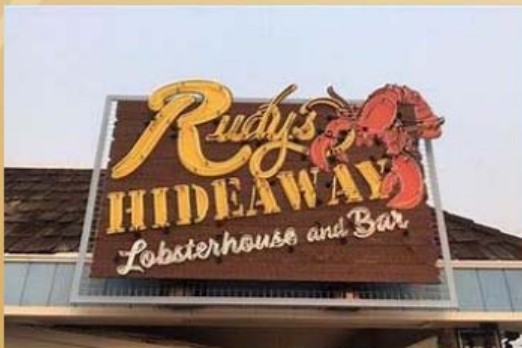


**It is VERY IMPORTANT to RSVP for this event.**  
**Please respond before April 15th! [klopez@gasbiz.com](mailto:klopez@gasbiz.com) or**  
**916-859-4710**

**Everyone (members and guests) who plan to attend needs to**  
**RSVP with a menu selection,**

- 1) prime rib dip sandwich**
  - 2) vegetarian pasta Primavera; or**
  - 3) bay shrimp or crispy chicken Cesar salad**
- 

We also would like to include anyone's goodbye message so please send to: [pc626@comcast.net](mailto:pc626@comcast.net) or perhaps save it to present in person at the luncheon  
We welcome memories be shared during the luncheon festivities. Hope to see you there!



12303 Folsom Blvd.  
Rancho Cordova, CA





After over 65 years, sadly SPA is coming to its end. As we are closing an old tradition, I wanted to know more about SPA and its history so I perused old newsletters and found that it was Roland Bain and Art Holly who decided in the late 1950's to start up a petroleum group which throughout the years has become known as the Sacramento Petroleum Association. In the early years, meetings were held weekly with groups as large as 30 attendees and more often with no speakers. It was a greet, meet, and eat for the good old boys.

Not much has changed in all the years, and through good times and bad, SPA prevailed. Meetings were now only on a monthly basis (until the covid disruption) but the goal remained the same... outreach to our oil and gas industry, sharing information and keeping in touch and yes, of course, eating!.....

An added tradition that brought in our biggest crowds of the year, was Roland Bain's reporting on drilling activities in the Valley. His first talk was in 1966 when he decided to assemble and report because Valley producers were constantly battling PG&E over either price or production rates. Since then, it became an SPA tradition and the crowds proved it every February. We celebrated his 50th presentation in 2016! Unfortunately, our last large gathering for Roland was in March 2020 as it seemed nothing was quite the same because getting information from the now CalGEM was difficult, the industry report was bleak, and people were still panicking over meeting in public places.

My history with SPA started in 2000, and monthly meeting were still going strong with good food, and many great speakers. However, towards 2010, things were rapidly changing and the California Oil and Gas industry was being attacked by anti oil Governors, environmental groups, new regulations, and oil and gas supervisors who seemed to be outside the traditions of DOGGR/industry history. So, after 37 years I retired, but still enjoyed our industry through SPA. I took on duties since 2000 as the editor for the monthly newsletter going out to our 120+ SPA members. News was up and down but then the 2020 elections changed everything. Things just continued to get worse and has continued down hill from there. Many of our members found themselves out of work, had to move on to different businesses, leave California and some sadly passed away. The oil and gas industry is changing beyond our recognition.

In December 2022, the well known Club Pheasant in West Sacramento closed their doors after 87 years which put SPA out of a central meeting place. The meeting were becoming few and far between so where do we go from there? The officers got together to discuss the future of SPA and the decision was that perhaps this was the best time to call it quits. We discussed how we would like to say goodbye, so we decided to honor all past members with a goodbye catered luncheon at Rudy's



Hideaway on April 19th. We will use the treasury funds to host the luncheon and the remaining funds will go towards helping our industry.

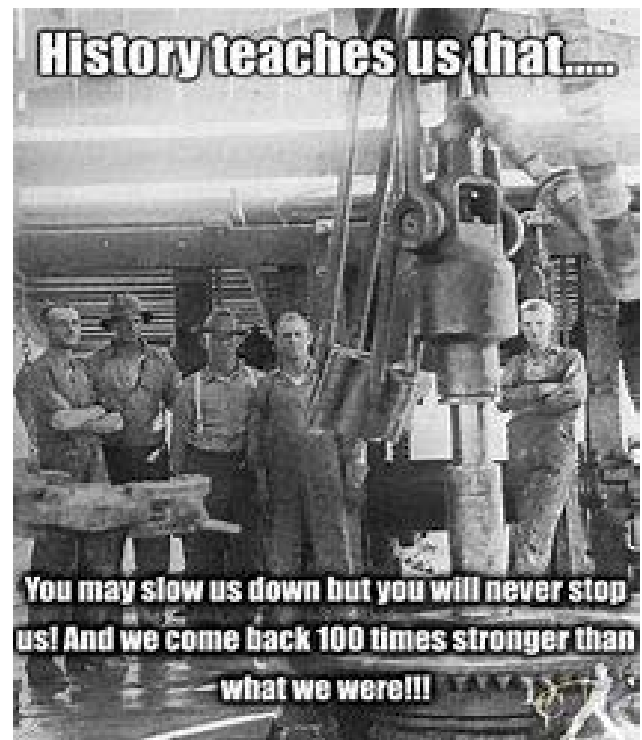
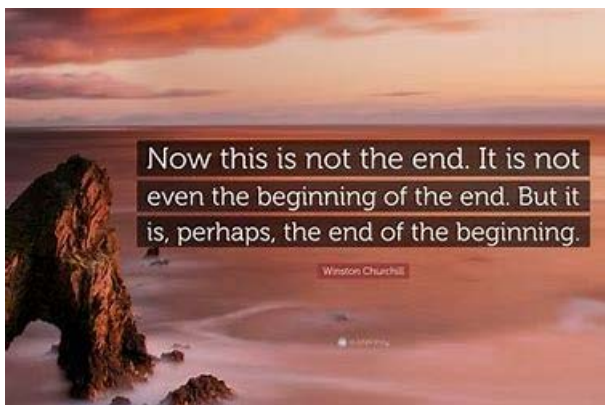
Although SPA will be a memory, I hope that all of those left in California will never give in and never give up in helping our industry survive. It has been a difficult road but there is always hope that things will turn around and we can make California Great Again. Consider joining CIPA, CNGPA, WSPA or any other organization that will help in our fight.

I miss my days in the oil and gas fields, my contacts with many in the industry, and I will always have a special place in my heart for the wonderful world of oil and gas. Its been quite a ride.



Pam Ceccarelli

Editor/Treasurer of SPA





This is a picture of a Electric car charging station that are popping up everywhere. Here's an interesting fact.... That 350kw generator uses 12 gallons of diesel fuel per hour, and it takes 3 hours to fully charge a car to get 200 miles. That's 36 GALLONS for 200 MILES!!! 5.6 mpg.

Proof you can't fix stupid...



*A gas powered van, towing a diesel generator, charging an electric car.*

*The future is stupid.*



**IN 1948, WHEN AL GORE WAS BORN, EARTH HAD 130,000 GLACIERS.**



**TODAY, JUST 73 YEARS LATER, ONLY 130,000 GLACIERS REMAIN.**

This is a CAT 994H. It burns 1800 gallons of fuel in a 12 hour shift. This machine is required to move 500,000 pounds of earth in order to get the minerals needed for ONE SINGLE Telsa car battery. In whose world does this type of math and green new deal make sense?



**AND, YOU THOUGHT SMOKING AT THE PUMP WAS RISKY**



**These men produce the oil for my diesel truck**



**These children produce the lithium for your electric car**



**WELL, THERE IT IS. A GAS GENERATOR BEING USED TO CHARGE THE DEAD BATTERY IN AN ELECTRIC CAR. MY DAY IS COMPLETE.**

TOP ANALYSIS, MEMES, AND CARTOONS AT [PATRIOTPOST.US](http://PATRIOTPOST.US)



[www.facebook.com/poets01](http://www.facebook.com/poets01)

**"We hang the petty thieves and appoint the great ones to public office."**

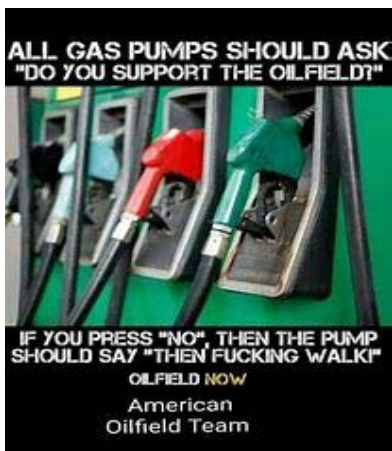
— Aesop





This is a Lithium leach field. This is what your Electric Car batteries are made of. It is so neuro-toxic that a bird landing on this stuff dies in minutes. Take a guess what it does to your nervous system?  
Pat yourself on the back for saving the environment.

## CAMERA CATCHES LOOTERS STEALING TRILLIONS



A battery in an electric car (let's say an average Tesla) is made of 25 lbs. of lithium, 60 lbs. of nickel, 44 lbs. of manganese, 30 lbs. of cobalt, 200 lbs. of copper, & 400 lbs. of aluminum, steel & plastic, etc..... averaging about 750-to-1,000 lbs. of minerals that had to be mined & processed into the battery that merely stores electricity.... Electricity which is generated by oil, gas, coal, nuclear or water (& a tiny fraction of wind & solar).

That is the truth, about the lie, of "green" energy.

IF WE ARE TO GUARD AGAINST IGNORANCE & REMAIN FREE, IT IS THE RESPONSIBILITY OF EVERY AMERICAN - TO BE INFORMED. ~~~  
THOMAS JEFFERSON

## *STEPHEN MOORE: America's \$100 billion climate change flop*

By STEPHEN MOORE Mar 7, 2023

For at least the last 20 years, politicians in Washington, at the behest of green energy groups, have spent some \$100 billion of taxpayer money to fight climate change and reduce greenhouse gas emissions. How is that going for us so far?

A recent Associated Press story, based on the latest data on global carbon emissions, provides a pretty accurate report card: "Carbon Dioxide Emissions Reached a Record High in 2022."

The article tells us: "Communities around the world emitted more carbon dioxide in 2022 than in any other year on records dating to 1900, a result of air travel rebounding from the pandemic and more cities turning to coal as a low-cost source of power. Emissions of the climate-warming gas that were caused by energy production grew 0.9 percent to reach 36.8 gigatons in 2022, the International Energy Agency reported Thursday. (The mass of one gigaton is equivalent to about 10,000 fully loaded aircraft carriers, according to NASA.)"

You've got to almost shriek out loud when you read this line: "Thursday's (IEA) report was described as disconcerting by climate scientists."

"Disconcerting"? That's putting it lightly. We are the furthest thing from being climate change alarmists, but when you spend \$100 billion of taxpayer money and achieve absolutely nothing, President Joe Biden and his green allies should be arrested for criminal fraud.

Where did all the money go? Tens of billions of dollars have lined the pockets of left-wing environmental and social justice groups that have been emitting a lot of hot air but no results. Green energy companies have milked taxpayers of tens of

billions more, even as wind and solar only produce about 12 percent of our energy.

Is this the greatest ripoff of U.S. taxpayers in history?

I've often said that I doubt all the doomsday predictions of global warming are accurate, but if they are, we are goners. Because nothing the Left is doing on climate change is making even the tiniest bit of difference, as the new report shows. What it is doing is giving politicians and activists a chance to virtue-signal. Does it even matter to them that none of their schemes are working?

The most obvious flaw in the green strategy is that few, if any, of the big polluters are cooperating despite the assurances from Biden's climate change ambassador John Kerry. For the umpteenth time: The United States is not the problem — China is. Its pollution levels are three times higher than ours. Soon India will surpass the U.S. in carbon emissions.

Even the top scientists who study climate change admit that without progress from China, nothing America does to reduce emissions will reverse the global trends. The U.S. has reduced our emissions more than any other nation, and the problem continues to get worse. And yet, the rest of the world blames the U.S.

All we are accomplishing in the Biden war on fossil fuels is kneecapping our own domestic energy industry while the rest of the world consumes more fossil fuels than ever before. Instead of the oil and gas produced in Texas or North Dakota, it's coming from Russia, Iran and OPEC. The energy source that is growing the fastest now is coal.

The only way to combat climate change is not through more command-and-control government action. That never works. The COVID-19 crisis and the incompetent government response should have taught us that lesson. We need more growth and better technology to deal with a changing climate. The leftists want less growth and have even been

backing "degrowth." Since when is making America poorer the solution to any problem?

In the wake of this epic policy failure, the Democrats aren't backing off. Biden's latest budget calls for \$500 billion more for climate change over the next decade. Talk about throwing good money after bad. We shouldn't be too surprised because, as Milton Friedman used to remind us, anytime a government program isn't working, the politicians' response is: "We aren't spending enough money."

If congressional Republicans are smart (a big if), they will not appropriate one penny more for this epic public policy flop. If we want to save our country's future for our children, the first step is to stop adding to our \$32 trillion national debt.





# California is the worst-run state in the country

Opinion by Zachary Faria • Feb 17

© Provided by Washington Examiner



California Democrats have found out the hard way since 2020 that while many residents continue to elect them, several others have taken to voting with their feet.

Between April 2020 and July 2022, California's population declined by more than 500,000. Nearly 700,000 more people moved out of the state than moved in. This was a result of the pandemic lockdowns California imposed combined with the state's incredibly high cost of living, but it wasn't just the initial round of lockdowns that had this effect. From July 2021 to July 2022, some 211,000 people left the state, with nearly half that number coming from Los Angeles County.

The only thing preventing California from seeing the biggest population loss of any state during this time was a 157,000 net gain between births and deaths, which made New York the biggest loser. While the two most prominent Democrat-run states bled residents, the two most prominent Republican-run states prospered: Texas gained 884,000 people, and Florida gained 707,000.

The resulting losses have left California with a budget deficit, which is being addressed by cutting climate and training programs for workers the state is forcing out of business. The state's power grid is on the brink of collapse. Its roads are three times more expensive than Texas's, and yet they rank among the worst in the nation, even after making its gas tax one of the highest to bleed more money out of its residents. The bullet train pet project is a money furnace as well and won't be completed "this century."

California saw massive economic losses due to the lockdowns Democrats imposed, yet these lockdowns did little to prevent the spread of the virus. They did limit the spread of education for children, though, with California's students suffering even more than normal in the state's terrible education system by being forced into virtual "learning."

From energy to education to transportation, California is the worst-run state in the country. When the pandemic forced people to make decisions about affordability and competent governance, California unsurprisingly saw the most departures. With those left behind being given an even bigger tax burden to make up for lost revenue, voters will be forced to start asking questions about why every failure is bigger in California.

## 2023 oil and gas industry outlook

### Investing in the future of energy

The oil and gas (O&G) industry earned record profits in 2022, providing ample cash flow to fund their strategies in 2023. And while O&G companies recognize geopolitical and macroeconomic uncertainty in the year ahead, they've also been given a clear mandate to secure supply in the short term while transitioning to cleaner energy in the long term. Our 2023 outlook explores five trends that can help shape the path forward for O&G companies.

While the oil and gas industry isn't new to supply disruptions and price volatility, the situation today is unique. A confluence of economic, geopolitical, trade, policy, and financial factors have exacerbated the issue of underinvestment and triggered a readjustment in the broader energy market. As a result, all three components of a balanced energy equation—energy security, supply diversification, and low-carbon transition—are now facing a “trilemma” of concerns.

Although the immediate impact of this imbalance is high energy prices and record cash flows for O&G companies, how and where the industry will invest in the future remains uncertain.

The O&G industry will likely enter 2023 with its healthiest balance sheet yet and with continued capital discipline. The positivity of this situation is reflected in our survey, in which 93% of O&G executives state they're positive about the industry in the coming year. This momentum could help companies overcome the energy underinvestment of recent years and help enable an accelerated energy transition. Explore the five trends below that will likely influence the direction of the industry over the next 12 months.

### Five oil and gas industry trends to watch

#### One.

Healthy balance sheets create opportunities for oil and gas

#### Upstream

By practicing capital discipline and focusing on cash flow generation and payout, the global upstream industry is projected to generate its highest-ever free cash flows of \$1.4 trillion by the end of 2022 (at an assumed annual Brent oil price of \$106 per barrel). Now all eyes are on upstream companies to see if they will continue to prioritize shareholder payouts or increase their hydrocarbon reinvestment rate, driven by the urgency to provide affordable energy to the world.

#### Two.

New policies expected to accelerate the clean energy transition

#### Clean energy

Supportive policies, in combination with higher O&G cash flows in 2022, have enabled O&G companies to increase investment in clean energy. While this investment is expected to continue increasing, several factors could influence the pace of investment or shift the clean energy focus over the next 12 months.

#### Three.

New policies and investments could boost the role of natural gas in the clean energy transition

#### Natural gas and liquefied natural gas (LNG)

Increases in natural gas investment are expected in 2023, including investments that reduce the greenhouse gas intensity of natural gas and its related infrastructure. In the United States, more natural gas is being produced with a view to reducing carbon and methane emissions and exporting incremental supplies, especially to Europe. Certified natural gas and carbon-neutral LNG are expected to continue increasing momentum in 2023.

#### Refiners respond to shifting energy demand

#### Four.

In the coming year, refineries could grapple with weakening demand, recession worries, and a projected 1.6 mbpd increase in global refining capacity. Notably, US-headquartered refiners are not expected to increase core refining capacity as they prioritize financial health, optimize operations, and convert refineries to produce renewable fuels.

#### Downstream

#### Five.

Deal-making reflects wider trends in the market

While projected record cash flows and renewed interest in resource industries bode very well for O&G M&A, capital discipline and an uncertain economic environment will likely keep M&A in check in 2023. According to our survey, 27% of executives highlight high and stable energy prices as key to sustaining the M&A momentum in 2023.

#### Mergers and acquisitions



## How about geologists?

What's a geologist's favorite ice cream? Rock erode.

A geologist was driving down a country road when he saw this beautiful rock formation. He pulled over to get a closer look. As he was admiring the rock, an old farmer drove up. The geologist asked if he knew how long the rock had been here.

The farmer says "in fact, I do! It's a million and 7 years old"

The geologist stunned a bit says "that's oddly specific, how do you know that?"

The farmer goes "well, another feller like you came to look at this same rock and he said it was a million years old. And that was about 7 years ago"



### Subject: Old Doctor's Story

An old physician, Doctor Gordon Geezer, became very bored in retirement and decided to re-open a medical clinic

He put a sign up outside that said: "Dr. Geezer's clinic. Get your treatment for \$500 – if not cured, get back \$1,000."

Doctor Digger Young, who was positive that this old geezer didn't know beans about medicine, thought this would be a great opportunity to get \$1,000. So, he went to Dr. Geezer's clinic.

Dr Young: "Dr. Geezer, I have lost all taste in my mouth. Can you please help me?"

Dr. Geezer: "Nurse, please bring medicine from box 22 and put 3 drops in Dr. Young's mouth."

Dr Young: 'Aaagh!-- This is Gasoline!"

Dr. Geezer: "Congratulations! You've got your taste back. That will be \$500."

Dr. Young gets annoyed and goes back after a couple of days figuring to get his money back and make an additional \$500 by claiming the \$1,000 offered by Dr. Geezer for not being able to cure him.

Dr. Young: "I have lost my memory, I cannot remember anything."

Dr. Geezer: "Nurse, please bring medicine from box 22 and put 3 drops in the patient's mouth."

Dr. Young: "Oh, no you don't -- that is Gasoline!"

Dr. Geezer: "Congratulations! You've got your memory back. That will be \$500."

Dr. Young (after having lost \$1,000) leaves angrily and comes back after several more days.

Dr. Young: "My eyesight has become weak --- I can hardly see anything!"

Dr. Geezer: "Well, I don't have any medicine for that so, "Here's your \$1,000 back." (While Dr. Geezer is giving him a \$10 bill).

Dr. Young: "But this is only \$10!"

Dr. Geezer: "Congratulations! You got your vision back! That will be \$500."

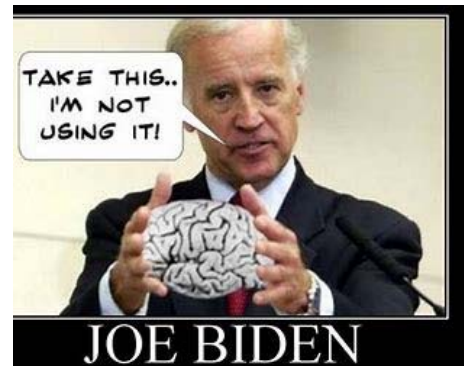
\*Moral of story\* -- Just because you're "Young" doesn't mean that you can outsmart an "old Geezer!"

\*Remember:\* Don't make old people mad. We don't like being old in the first place, so, it doesn't take much to tick us off.





REGRET YOUR 2020  
VOTE YET?



ENERGY Published March 23, 2023

## Oil, gas industry comes out in support of new GOP energy bill, hits Biden for 'decimating' production

Industry leaders slam Biden policies for handcuffing oil, gas production. Dozens of leaders of the U.S. oil and gas industry endorsed a newly introduced Republican energy bill as a "welcome answer" to Biden administration policies and recent Democrat-backed legislation, which they argued has crippled American energy production.

Twenty-five oil and natural gas trade associations on Tuesday sent a letter obtained by Fox News Digital to House Speaker Kevin McCarthy, R-Calif., and House Majority Leader Steve Scalise, R-La., expressing their support for the Lower Energy Costs Act, which is denoted as H.R. 1 in the House and therefore the top-line agenda item for Republicans this Congress.

Scalise introduced the bill in the House last week, and Sen. John Kennedy, a fellow Louisiana Republican, followed suit with a companion Senate bill on Wednesday.

**SEE FULL STORY AT: <https://www.foxnews.com/politics/oil-gas-industry-comes-out-support-new-gop-energy-bill-hits-biden-decimating-production>**

Looking forwards to seeing you for lunch on April 19th! Please, it's important you RSVP !!

