

American Petroleum Institute San Joaquin Valley Chapter

API Website

August 2025

General Meeting:

Tuesday, August 19th, 2025

Event: - Chris Ellis, GM COSO Operating Co.

Topic: "Geothermal 101 with Oil & Gas

Location:

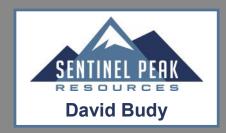
LEGENDS 7900 Downing Ave Ste B, Bakersfield, CA 93308

Schedule:

Event 6:00 PM—8:30 PM

<u>Price:</u> \$40 Per Person Early, \$45 at the door.

Event Sponsors:



Normal General Meeting Reservations @ LEGENDS

Please pay at API General Meeting at LEGENDS - Energy
API - San Joaquin Valley Chapter (apibakersfield.com) by
Noon the Friday prior to the event Include your dinner
choice of steak, chicken, fish, or vegetarian. It is important
that we have an accurate head count with food
selections turned in to the LEGENDS before the event.

Your timely response ensures appropriate seating is made available and that everyone gets their preferred dinner choice.





The Chairman's Corner

Dear Members,

As summer break wraps up and the kids head back to school, we're entering a busy stretch with plenty of work ahead before we close out the 2025 cycle. With our August meeting on the horizon, it's a great time to reflect on last month's productive session. We were fortunate to hear from Chevron's Alan Pitts, who offered



valuable insights on market conditions and reaffirmed their strong commitment to supporting our local oil and gas industry.

We're thrilled to announce Mr. Christopher Ellis, Vice President of Coso Operating Company LLC, as our featured guest speaker for August. Chris brings a wealth of experience and leadership from one of the most innovative geothermal operations in the region. His perspective on energy development, operations, and industry trends promises to offer valuable insight and spark great discussion. We're looking forward to an engaging and informative session you won't want to miss.

Looking ahead, we'll be collecting donations for the Oil Can Do It food drive at the upcoming meeting—a great chance to give back to our community. I hope to see everyone there.

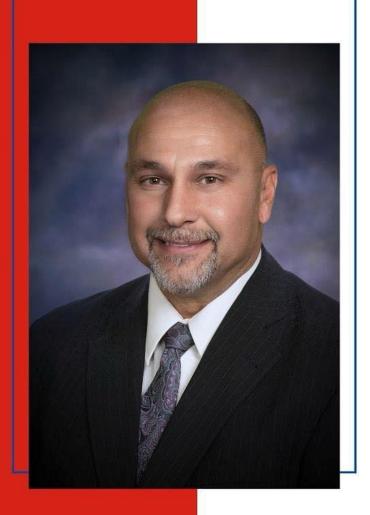
Also, registration is now open for our Fall Fun Shoot on October 3rd. This popular event includes ammunition for 5-man teams and is already filling up fast. Be sure to reserve your spot soon and join us for one of the most anticipated events of the year!

Feel free to reach out to me at jchafin@calcoastacidizing.com or apibakersfieldchapter@gmail.com or call 661.343.7900.

John Chafin - 2025 API Chairman



American Petroleum Institute
San Joaquin Valley Chapter





DATE 19 AUGUST 2025



6:00 - 8.30 PM



LOCATION
LEGENDS LOUNGE &
EVENT CENTER





San Joaquin Valley Chapter

August Meeting

Speaker: Chris Ellis

General Manager, Coso Operating Company

Christopher Ellis serves as the General Manager for Coso Operating Company and has been an integral part of the Coso Geothermal Project since 1988.

Throughout his tenure, he has held a variety of positions within the company, covering all facets of facility operations, maintenance, construction, resource management, drilling, and administration. Notably, he played a direct role in the startup of eight out of the nine power plants at Coso.

Christopher received his formal training and education through the U.S. Navy's Nuclear Power Program after attending the University of Arizona.

Adopt-a-Highway

September 13, 2025, 7-10 am VOLUNTEERS NEEDED!

Meet at the corner of Rosedale Hwy and Hwy 43 at 7 am for Free

Breakfast at Golden Bull

Wear close-toed shoes

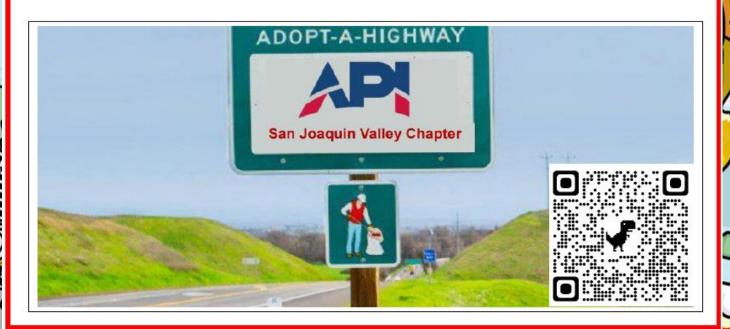
Vests, hard hat, gloves, pickers, and bags will be provided

All volunteers will be entered in a drawing for a \$25 gift card

Prizes for most valuable and most unique find.

Volunteer at www.apibakersfield.com

or contact Tim Frame 661-447-5123





Prizes for 1st and 2nd Place & Raffle Prizes!

Tuesday, September 16th 5:30 - 9:00 PM

Legends (formerly 1933)

Tournament Starts at 6:00 pm

Sign Up Here



Questions? Contact Justin Fantasky 720-445-0196

\$35 Per Person

Includes Dinner and Entry Fee
*\$35pp online or \$40 at the door

Teams of 2
Sign up individually or as a team





FALL FUN SHOOT

October 3rd, 2025

Sign-In & Breakfast – 6:30 am Shoot Starts – 8:00 am

m energy

Benefitting the API Scholarship Fund

5 Dogs Shooting Range 20238 Woody Road \$1,200 per Team of Five Includes Breakfast, Lunch & Ammo

Sign Up For Your Team or Sponsorship Here

https://www.apibakersfield.com/api-fall-fun-shoot/



Prizes

1st, 2nd, 3rd Place Team (Handicapped) Individual Men & Women
High Shooter

1st Place Team (Open)

4 Person Golf Cart \$250



Raffle Tickets \$5 each or 5 for \$20

Sponsorship Opportunities

\$1,700 for 12 Gauge Sponsorship

- Sponsorship sign and announcements throughout event
- · Recognition on sponsor banner
- Advertisement on API website, newsletter, Facebook & LinkedIn
- Lunch & beverages
- One 5 man shooting team
- \$200 in raffle tickets

\$2,200 for Double Barrel Sponsorship

- Everything from the 12 Gauge sponsorship
- 1 golf cart

Lunch Sponsors

• \$400 in raffle tickets

API Scholarship Donation

 Contribute directly to the scholarship fund (recognition or anonymous)

Breakfast Sponsor









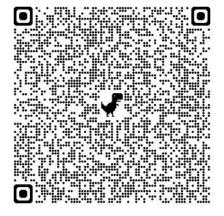


For questions, call Jim Roberts at (661) 805-5766 or Scott Hamilton (661) 831-5380

API Board Member News: Posted on behalf of the API SJV Chapter Board of Directors: One of our Board members, Vincent Rodriguez, was recently diagnosed with cancer and is undergoing treatment. Vincent is a valuable member of our Board and the California Oil and Gas industry. He works for a local acidizing company and his dedication to our industry shines through his volunteer efforts with Education and STEM. He serves as the API SJV Chapter Secretary and even entertains us as the DJ at past Oil Baron's Balls. A heartfelt thank you for prayers for our friend as we wish him a speedy recovery. If you are in a position to support him and his family, please consider contributing to his expenses through Vincent's GoFundMe page. Let's come together to offer our support and well-wishes to Vincent.

Support Vincent Rodriguez's Cancer Battle







API 2025 Scholarship Night! - Exciting News Alert!

Our 2025 Scholarship Results Are In!

We are thrilled to share that at our June General meeting, our Board proudly awarded \$100,000 in scholarships to 28 deserving local students. This incredible achievement was made possible by the dedication and hard work of countless volunteers and sponsor companies who supported our Chapter at various fundraising events throughout the year.







San Joaquin Valley Chapter

OUR CHAPTER'S ANNUAL GOLF TOURNAMENT WAS A HUGE SUCCESS!

TWO COURSES, 380+
PARTICIPANTS, 40
VOLUNTEERS, & 30 HOLE
SPONSORS.

THANK YOU
VERY MUCH
TO OUR HOLE
SPONSORS!!!











Tax ID 95-3086622 501 (c) (3) Nonprofit

2025

API Golf Tournament

San Joaquin Valley Chapter























Caltrol is recognized as a leading provider of automation solutions including valves, process control solutions, instrumentation, and reliability.

From wellhead to water disposal, we help oil producers maximize output while protecting the environment and keeping personnel safe.

Control Valves



FISHER" SEMPELL" FIELDVUE" BAUMANN' YARWAY"

Isolation & Actuation



BETTIS" **VARWAY** VANESSA" VIRGO™ CLARKSON" KEYSTONE" TOPWORKS"

Process Automation



AMS™ CONTROLWAVE" **DELTAV** PLANTWEB

CROSBY"

Pressure Management



ANDERSON GREENWOOD" ENARDO" VAREC"

Services & Support



Reliability Solutions Automation Services On-Site Field Services Global Resources & Training

Measurement & Instrumentation



ASCO" FLOBOSS" ROC" PENBERTHY

- Reduce Maintenance Costs
- Safeguard Reliability
- Protect Critical Equipment
- Increase Productivity
- Enhance Asset Performance
- Keep Your People Safe



Caltrol has decades of experience to help you tackle your toughest challenges - like maintaining safe operations, environmental stewardship and mechanical integrity.





Las Vegas Headquarters

1385 Pama Lane, Ste. 111 Las Vegas, NV 89119

4301 Resnik Ct. Bldg A

Caltrol 531 Getty Ct. Ste. A Benicia, CA 94510 Bakersfield, CA 93313

Chandler

2900 S. Gilbert Rd. Ste.6

Chandler, AZ 85286

Caltrol

Caltrol

300 Commerce Ste, 100 Irvine, CA 92602

Caltrol 3538 Concours St. Ste. 305 Ontario, CA 91764

Livermore Caltrol 2685 Collier Canyon Rd. Livermore, CA 94551

Caltrol 6851 Walthall Way Paramount, CA 90723 Caltrol 801 Black Gold Ct. Taft, CA 93268

94-432 Maikoiko St., Suite 120 Waipahu, HI 96797

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WHITNEY WATSON Business Development Manager San Diego Based

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M: 806.543.7901

E: whwatson@auduboncompanies.com

auduboncompaines.com



American Petroleum Institute San Joaquin Valley Chapter



API has published more than 800 standards used in over 140 countries.





KERN COUNTY GLANCE

#2 LARGEST ECONOMY

IN THE SAN JOAQUIN VALLEY

in Agricultural
Production
Nationwide



in Economic Diversity Nationwide

in STEM
Jobs
Nationwide

OVER MAJOR DISTRIBUTION CENTERS

THE ENERGY CAPITAL OF CALIFORNIA

Largest Provider of Oil & Renewable Energy in the State

75%



60%









Largest Wind Farm in the U.S. Largest Battery
Energy Storage
System in the World

#13 Oil-Producing County in the Nation

OVER WORLD TECH
"FIRSTS"
NAVAL AIR WEAPONS
STATION CHINA LAKE



1ST COMMERCIAL SPACE PORT IN U.S.
MOJAVE AIR & SPACE







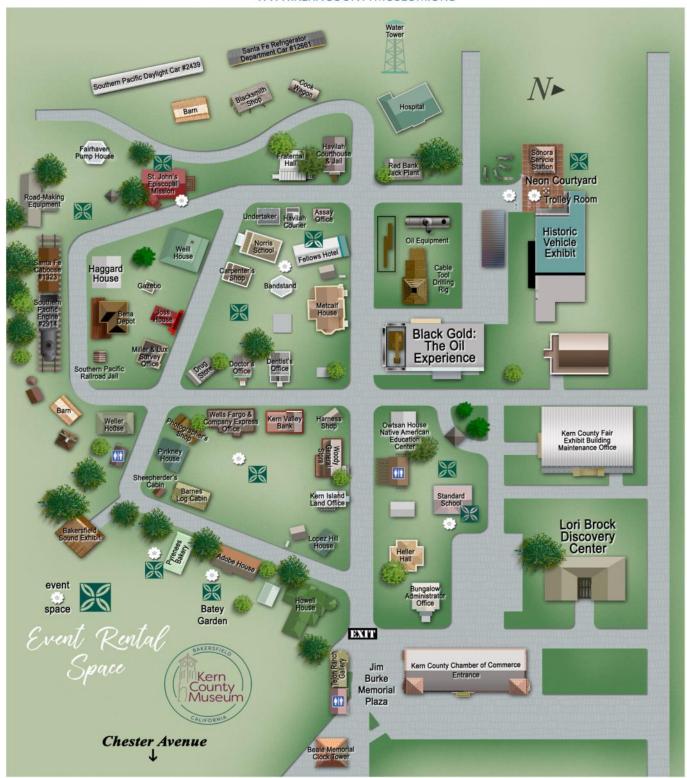


2700 M Street, Suite 200 | Bakersfield, CA 93301 661-862-5150 | kernedc.com



O&G Traveling Guide

The Kern County Museum
3801 CHESTER AVENUE . BAKERSFIELD, CALIFORNIA 93301 . (661) 437-3330 WWW.KERNCOUNTYMUSEUM.ORG



O&G Traveling Guide

The West Kern Oil Museum, located near Highway 33 and Wood Street in Taft, is a treasure trove of information about the history of Taft and documentation of the petroleum industry. Maintained and operated entirely by volunteers, the West Kern Oil Museum includes indoor and outdoor meeting spaces, vintage office, shops, and equipment, a fire house, a tent house, a shotgun house, a transportation building, a tool house, a library, and a gift shop. The West Kern Oil Museum was founded in 1973 by five women in Taft. Karen K. Sally Knost, Cruzan, Fran Sullivan, and Janice Lemley. Under the fine leadership of Jane Kinsey, Ron Bracken and many industry leaders the Museum started to take shape.

Visiting Hours
Fridays & Saturdays
10am - 4pm
Contact Us
westkernoilmuseum@gmail.com
(661) 765-6664

Jameson Trust was a generous donor that provided the property where the museum is located to this day. Jameson #17 is the site where our Wooden Derrick stands to this day. This well was still active until 2005 when it was abandoned. At that time the wooden derrick had to be refurbished and largely torn down and rebuilt. Berry Holding, Chevron, Texaco, Fred Holmes and many other oil companies and generous community members became very active in donating buildings, equipment and expertise to help the museum blossom into what it is today. A treasure in Taft that provides fun and information for all that visit.





YOUR CHILDREN'S TOYS



YOUR CHILD'S CAR SEAT



YOUR CHILD'S CRAYONS



MEDICAL SUPPLY PACKAGING



YOUR **TOOTHBRUSH**



JACKET, PANTS & SHIRT



YOUR BACKPACK





YOUR KETTLE YOUR COMPUTER



YOUR CELL PHONE



COSMETICS



BICYCLE

Oil and gas made products are all around us

MORE SHOULD BE MADE USING CALIFORNIA OIL!





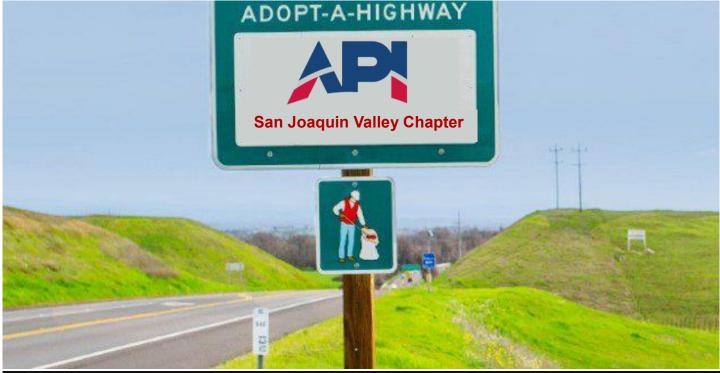




API SJV Adopt a Highway:

Meet Tim Frame at the corner of Rosedale Hwy and Hwy 43 at 7 am for Free Breakfast at Golden Bull. Wear warm clothing and close-toed shoes. Vests, hard hat, gloves, pickers, and bags will be provided. All volunteers will be entered in a drawing for a \$25 gift card. Prizes for most valuable and most unique find.







As part of API's mission to give back to our local community through college scholarships for those pursuing petroleum based degrees and other local educational programs, API has created a corporate sponsorship package that includes membership and tickets to our annual events.

We want to personally thank CRC, Chevron, Enterprise Mobility, and Marla Maples Scholarship for being API's corporate sponsors and look

forward to seeing their employees at our future events.

There are several sponsor packages available for each business to decide what is best for them.

(All packages are customizable based on your company preference and requirements)

API Platinum Sponsorship Package \$25,000

API Silver Sponsorship Package \$15,000

API Black Gold Sponsorship Package \$10,000

API Black Bronze Sponsorship Package \$5,000

We look forward to signing more up in the months to come. If you have any questions, please reach out to the API at apibakersfieldchapter@gmail.com or Visit link Below

https://www.apibakersfield.com/news-events/pay-online/sponsorship-payments/ [apibakersfield.com]



CALIFORNIANS FOR



18,000 **STRONG Direct Production** Employees1

WHAT WE DO

Work to provide a safe. reliable and affordable energy supply to support our economy, our communities and the quality of life of every Californian



WHAT WE CARE ABOUT

sports, mentor and tutor students, and donate our time and money















OUR JOBS

Drillers Welders Geologists Engineers Pipeline technicians Electricians Truck drivers Environmental advisors Laborers (partial list)









ID YOU KNOW?



Average annual pay is \$123,000 - nearly double the private sector average in the state

Nearly 50% of the oil and gas (production industry workforce is ethnically diverse2



More than 1/3 of all workers have high school degrees or less

Jobs across the educational spectrum from a GED to PhD





A family with a single wage earner is able to afford a median priced home in California

Full-time positions with benefits for working families and opportunities for upward mobility



WHO WE ARE

Grandparents, single parents, first generation bilingual citizens, second chance workers, Veterans

1. A total of 55,000 jobs are supported directly and indirectly by the oil and gas industry. 2. Source: U.S. Census Bureau, American Community Survey, 2012-2016 combined sample. Accessed through IPUMS-USA, University of Minnesota, www.ipums.org. 12/27/18

californiaenergyworkers.com

Silver Corporate Sponsor



Corporate Sponsor



ECONOMIC IMPACT FACT SH KERN COUNTY OIL & GAS INDUSTRY





ANNUAL WAGES

\$85,715 -vs- \$55,443

Oil & Gas Average

Kern County Average

\$13.0 Billion





Number of Kern

or indirectly

O&G industry

residents directly

employed by the

#13

Oil-Producing County in the U.S.



79%

of California's Active Wells Are Located in Kern County

8 OF THE TOP 10

Kern County taxpayers are energy companies



13,700



Number of Kern residents employed due to the indirect or induced impacts of the O&G industry

87 Million

Barrels of oil annually produced in Kern County

OIL & GAS OUTPUT CREATES

+1.80 Direct Jobs

+2.18 Indirect Jobs

+1.83 Induced Jobs

Total: 5.8 Jobs

KERN COUNTY PRODUCED

California Oil - 75% United States Oil - 2% California Natural Gas - 77%

PETROLEUM IN EVERYDAY LIFE



KernEDC.com

43

Corporate Sponsor



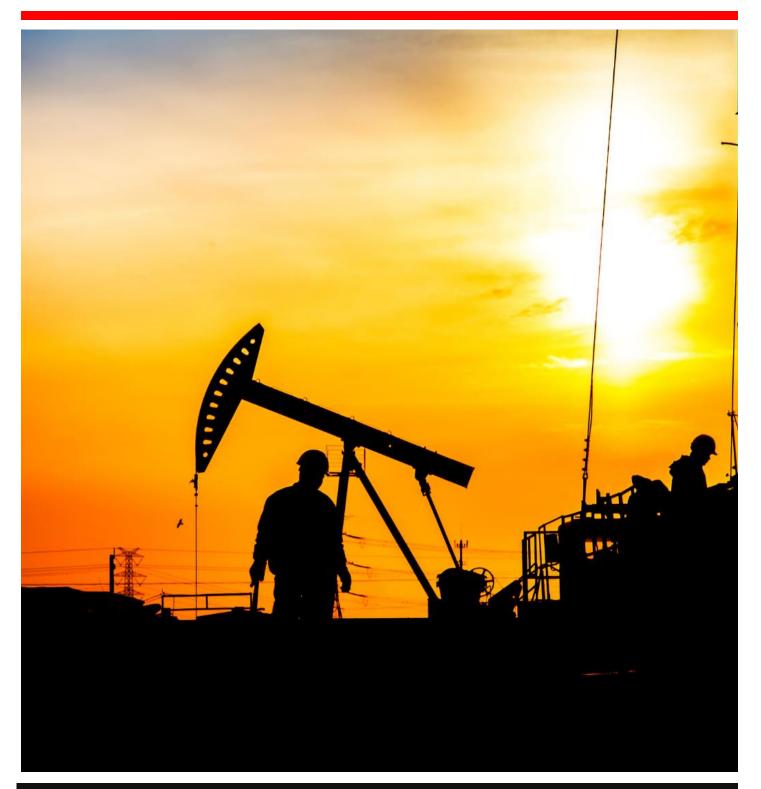
Corporate Sponsor - Marla Maples Scholarship



Networking Events

If you are interested in sponsoring an event, please contact Todd Bivens, tbivens@bak.rr.com.

We plan to have another event planned soon — more details to follow!



API "2025" Membership Renewal

Please go to website and pay you 2025 API Membership, please contact Scott Bender, sbender024@gmail.com.

KEEP CALM AND RENEW YOUR MEMBERSHIP





API Website Information:

Need to pay for your monthly meeting? How about that membership that you've been meaning to renew? Or that event that you're sponsoring...visit the API website!

Start paying the easy way with API's Pay Online options.

The website also has a lot of information about our chapter's events. Visit the website today and see what you're missing!

Contact David Budy, with any comments or issues with the site, DBudy@sentinelpeakresources.com.

https://www.apibakersfield.com/ [apibakersfield.com]



Meet the 2025 API SJV Board:

Back Row– L to R: Mike Handren, Scott Bender, Spencer Thompson, Vincent Rodriguez, Amy Galanski, David Budy, Michael Martinez, Todd Bivens, Scott Hamilton, Jim Roberts, James Haney, Dustin Trahan,

Front Row– L to R: James McClard, Linda McClard, Ryan Knapp, Jeff Hanson, Tim Frame, Justin Fantasky, Molly Fantasky, John Chafin, Loni Tierney, Sandy Sons, Bill Graham, Robin Brassfield-Cooper, John Sanders

Not Pictured: Bill Graham, Anibal Araya, Lindsay Barnes, Ryan Nelson, Eric Bartz, Brian Burt, Gary Watts, Aaron Altamirano, Kaylene Ransome, Jay Haney.





American Petroleum Institute
San Joaquin Valley Chapter

2025 API Upcoming Events

Tuesday, August 19th	API General Meeting Chris Ellis - Coso
Saturday, September 13th	API Adopt a Highway
Tuesday, September 16th	API Event
Tuesday, October 21st	API General Meeting Travis Hurst - CRC
Saturday, December 13th	API Adopt a Highway

facebook.

Visit the API Facebook page at



View upcoming events and photos from past events. To submit photos from API events, please send an email to Kaylene Ransom @kaylene.ransom @anacapa.com



Have you joined API's LinkedIn Group?



This group is also managed by **Kaylene Ransom** Join today and see what everyone is talking about.

2025 API Coastal Upcoming Events

Friday, August 15th

API Coastal Chapter BBQ Location: OST Park, Ventura, Ca

Friday, September 19th

API Coastal Chapter BBQ Location: OST Park, Ventura, Ca

Friday, October 17th

API Coastal Chapter BBQ Location: OST Park, Ventura, Ca

Friday, November 21st

API Coastal Chapter BBQ Location: OST Park, Ventura, Ca

API Facebook



Visit the API Facebook page at



View upcoming events and photos from past events.

API Website

Have you looked at API's Website?





Art In the Oil & Gas Industry



"Sunburst - Pumping Unit" Home | Art Gallery of Greg Evans (evansart.com)



ENGINEERING AND DESIGN, INC.

KAYLENE M. RANSOM

Business Development Lead Project Specialist

kaylene.ransom@anacapa.com c: 661.332.7087/ o: 661.491.0818 9100 Ming Avenue, Suite 110, Bakersfield, CA 93311 www.anacapa.com



Dustin Trahan RPI Sales Engineer

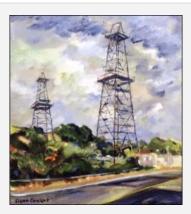
dtrahan8@slb.com +1 661 549 9211

3530 Arundell Circle Ventura, CA 93003 United States

slb.com

Feature of the month: Black Gold of JoAnn Cowans

Oilfield artist JoAnn Cowans, a founding member of the American Oil & Gas Historical Society in 2003, has donated many artworks to community museums. She also collaborated with Loyola Marymount University Department of Archives and Small Collections on an urban archaeology project of Venice and Playa del Ray.



"Derricks by the Road" painting by JoAnn Cowans

By painting derricks in the 1960s, Cowans documented a history when few if any of her generation thought to do so. According to the magazine *American Art Review*, "Few artists, however, were devoted to the subject of the oil industry in the 1960s. Stylistically, artists were interested in the modernist concerns of abstraction and expression, rather than documentation or narrative."

In recognition of the 2009 150th anniversary of America's first oil discovery, this talented California painter (many of her works are in corporate, private and museum collections) published a "gallery edition coffee table book."

Black Gold, the Artwork of JoAnn Cowans includes 42 paintings. With her canvas, paints and easel (and later, a hard hat), she captured for posterity an important part of what is today the nation's third largest oil producing state. One-hundred years earlier, in the 1860s, the first oil derricks began appearing in California. Oil was so plentiful here that it bubbled up out of the ground. See <u>Discovering the La Brea Tar Pits.</u>



JoAnn Cowens of Fullerton, California, has been painting the state's prolific oilfields since the 1960s. Her work preserves derricks long since removed.

Edward Doheny discovered the Los Angeles oilfield in 1892. By 1910, California produced 77 million barrels of oil. In Venice, the Ohio Oil Company completed a well in 1929 on county property just east of the city's Grand Canal. This is where Cowans painted many derrick scenes. Her collection includes stories about California oilfields of the 1960s and more recent of paintings: *Black Gold, the Artwork of JoAnn Cowans*.

"Once seen, the depth and significance of her work becomes clear," noted her publisher. "Her place in plain air painting and her own unique view helps us see the majesty of the oil tower."



Newsletter Sponsorship

If you are interested in helping API while advertising your company, the newsletter sponsorship is a great way to do it. Not only is your company displayed in the newsletter, but we also show the same ad on our website and at the general meetings during dinner and between speakers.

There are options for business card, half page, and full page ads. All options are available for a entire calendar year.

Payments can be made online at www.apibakersfield.com or by providing payment to Loni Tierney lbeattie@slb.com. Graphics, ads can be provided to Dustin Trahan, dtrahan8@slb.com

Size	Yearly
Business Card	\$200
Half Page	\$700
Full Page	\$1,400



CALIFORNIA'S ECONOMY IS POWERED BY OIL AND GAS

463,000

BARRELS OF OIL
PRODUCED A DAY

CA CONSUMES

1.8 MILLION
BARRELS A DAY

LARGEST PRODUCER IN THE US

CALIFORNIANS

CONSUME EVERY
BARREL OF
OIL AND GAS
PRODUCED IN
THE STATE AND

IMPORT ALMOST

3 TIMES MORE



CALIFORNIANS PAY OVER

\$25 BILLION A YEAR FOR

IMPORTED OIL

6,000+





EVERYDAY PRODUCTS MADE FROM PETROLEUM PRODUCTS

SHOES, PHONES, EYEGLASSES, HEART VALVES, DISPOSABLE DIAPERS



13 MILLION

GALLONS A DAY OF AVIATION FUEL
TO SUPPORT THE STATE'S 145 AIRPORTS

42 MILLION

GALLONS A DAY OF GAS

TO SUPPORT THE STATE'S

10 MILLION

GALLONS A DAY OF DIESEL



AVERAGE ANNUAL PAY
IN OIL INDUSTRY

NEARLY DOUBLE THE PRIVATE-SECTOR AVERAGE IN THE STATE

600,000

ROYALTY OWNERS





NUMBER OF FEDERAL, STATE AND LOCAL AGENCIES OVERSEEING OIL AND GAS PRODUCTION

35 MILLION REGISTERED VEHICLES



#1

MOST STRINGENT REGULATIONS IN THE WORLD

SOURCES:

Economic and Revenue Impacts of a Statewide Oil Production Ban in California, December 2018, Capitol Matrix Consulting
Stein, Ronald, "California ranks #1 in sending dollars abroad for energy," October 9, 2018, http://www.cfact.org/2018/10/09/california-ranks-1-in-sending-dollars-abroad-for-energy https://www.eia.gov/dnav/pet/pet_crd_crpdn_adc_mbblpd_m.htm



Californians for Energy Independence is a coalition that supports state and local policies that allow for continued domestic energy production and opposes those policies – such as oil taxes and energy bans – that would hinder production and increase reliance on foreign oil. For more information, visit: www.EnergyIndependenceCA.com



WHY LOCAL OIL AND GAS PRODUCTION IS IMPORTANT TO CALIFORNIA

California's oil and gas industry evokes strong reactions on both sides of the issue from policymakers to activists, employees to consumers. Factual, scientific based information is often overlooked because of misinformation and lies that are frequently disseminated in the public realm concerning oil and gas production. This is why some believe that California's oil and gas industry is unnecessary and unwanted. Every day, activists push policies at the state and local level to shut down California oil and gas production. They assert that California would be better off if we transitioned to 100% imported oil to meet its vast energy needs.

On the surface, it may seem that transitioning to 100% imported oil is an easy position to take. But when the issue is examined in detail, many challenges and risks exist that would fundamentally harm our state's people, our economy and our values.

LEARN WHY CALIFORNIA IS AN ENERGY ISLAND

Here's how California's people, the economy and our values are at risk if we transition to 100% imported oil:

OUR PEOPLE

We are second chance workers, Veterans, single parents, first generation citizens and union members who work every day to support our families and our community.



LEARN MORE ABOUT CALIFORNIA ENERGY WORKERS





CALIFORNIA'S OIL AND GAS INDUSTRY SUPPORTS:

> 55,000 JOBS

Nearly 50% of the workforce is ethnically diverse

AVERAGE ANNUAL PAY IN OIL INDUSTRY:

\$123,000

nearly double the private sector average in the state

.

Able as a family with a single wage earner to afford a median priced home in California¹



PROVIDES 32,550 JOBS in the San Joaquin Valley where unemployment rates are nearly double the statewide average. A transition to 100% imported oil will devastate the regional economy and its people.

1. Assuming a 10 percent down payment and an interest rate of 4.5% on a 30-year mortgage, annual payments on a \$554,760 median priced home in California (as of November 2018) would be \$30,652. After inclusion of property taxes and insurance, annual costs would be \$38,396, or 31.2% of the \$123,029 average salary in the oil and gas extraction and support inclustries. Source of median home sales price is California Association of Realtors. https://www.car.org/en/marketdata/data/countysalesactivity



WHY CALIFORNIA IS AN ENERGY ISLAND AND HOW THAT IMPACTS OUR STATE

WHAT'S AN ENERGY ISLAND?

A combination of geographical factors and public policy choices has led to California becoming an energy island -- we are disconnected from the other lower-48 states and therefore unable to secure additional domestic crude oil sources to support our energy needs of fueling transportation, powering businesses, growing food and producing everyday products. Unique challenges exist that create this dynamic including lack of pipeline infrastructure and little public support for oil by rail or truck. Of course, California is not an actual island, and it is blessed with abundant natural resources, but the policies it has adopted are forcing Californians to rely more and more on distant energy sources to meet our needs. Currently, California imports more than 70% of its crude oil supplies, most of it from foreign sources.

If California continues on this trajectory, it would be choosing even greater dependence on foreign oil which threatens reliability, sustainability and affordability for California's diverse communities. Instead, California's leaders can protect working families, consumers and our global environment by promoting in-state production under the world's most stringent safety, labor, and environmental standards.



About 70% Domestic and Foreign Sources

WHY DOMESTIC SUPPLIES CANNOT REPLACE CALIFORNIA PRODUCTION

CALIFORNIA IS
EXTREMELY LIMITED IN
ITS ABILITY TO IMPORT
CRUDE OIL FROM THE
REST OF THE NATION.

Within the 48 contiguous states, pipeline infrastructure, rail and truck transportation are the constraining factors. With Alaska, other existing commitments limit opportunities to increase supplies.

If we want a domestic supply, we need to produce it here in California.





PIPELINE INFRASTRUCTURE:

No crude oil pipelines exist from other states. Regulatory approvals make this an untenable option.

RAIL AND TRUCK TRANSPORTATION:

Limited crude oil is transported by rail. Rail transport is extremely expensive, highly controversial, and would require an **increase of 243,000 rail cars** to meet current demands. Truck transport is unfeasible due to limited capacity.





ALASKA:

Alaska has been a declining source. While there has been an increase in investment that may counter that trend, it will not be enough to offset California's current production levels in the foreseeable future.







Energy - Helping You Power the Future

We serve the entire scope of the energy industry, with worry-free, just-in-time deliveries.

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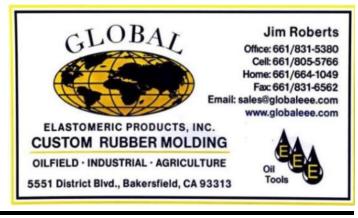
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