

BOARD OFFICERS ELECTED

President	JEF WRIGHT UNTIL REPLACED
Vice President	VACANT
Secretary	Fred Floyd
Treasurer	Toni Floyd

BOARD OF DIRECTORS (APPOINTED)

CFMS Chairperson:	Charles Shoup
Field Trips:	Melissa Takagi
Parliamentarian:	Chris Toft
Shop Coordinator:	Alan Mazzola
Program Chair	Karen Wagner
Show Chair	VACANT
Newsletter Editor	Carol Hiestand
Website:	Ian Burney
Membership Chair	Karen Wagner

STANDING COMMITTEES (APPOINTED)

Facebook Page	Admin
Ways & Means	Dawn Wright
Historian	Barbara Bury
Hospitality & Good Cheer	Judy Jessup
Meeting Displays	Barbara Bury
Picnic Coordinator	Moni Waiblinger
Refreshments	Dawn Wright
Redwood Rep	Barbara Bury
Librarian	Chris Toft
Calendar	VACANT

CONTENTS:

Misc:	p 1-2
Old Geologist Tales	p 3-10
Upcoming shows	p 10-11
JAN. birthstones	p 12-18
More misc.	p 19-22

Rock "CAB & SLAB" & rock
rough Sidewalk Sale Feb 21st
11-3 PM - shop parking lot
2120 W. Mission Bl. Escondido
Volunteers needed; please
contact Karen Wagner

COVID IS STILL IMPACTING US IN SAN DIEGO COUNTY;
WEAR A MASK (OR 2!) GET VACCINATED IF POSSIBLE!!

HAPPY BIRTHDAY TO FEBRUARY
BIRTHDAY PEOPLE!!!

Membership: Dues for the coming year will be voluntary. Members have the choice to pay dues or defer for the year. Your membership will continue until January 2022 when that years' dues will be requested.

FEES: \$25 for individuals (18 and older), \$40 for families with 2 parents, \$35 for single-parent families

Mailing address: P.O. BOX 1583, Escondido, CA 92033 Ph: (760) 743-0809
Credit card donations and dues payments, please call Toni Floyd: (425) 281-6218

CFMS show page was updated for June 2021

June 12-13, 2021, Escondido CA

Palomar Gem and Mineral Club

340 N. Escondido Blvd., Escondido CA 92025

Saturday – 10 AM – 5 PM, Sunday 10 AM-4PM

Palomar Gem and Mineral Show – presented by the Palomar Gem and Mineral Club. Held in the California Arts Centers museum and ballroom. A beautiful indoor facility. Secure for vendors and comfortable for attendees. 30-35 dealers.

Website: pgmcshow@palomargem.org

Gem show leaders

- Chair – Toni
- Vendors - Toni
- Sponsors– Archie
- Volunteers – Chris
- Vendor Floor map
- Advertising
- Printing advertising paper
- Demo coordinator
- Showcases recruitment and coordination
- Supply orders
 - Table covers
 - Wrist bands
 - Raffle tickets

Show day –

Friday

- Friday Vendor check in - Toni
- Electrical and Cases
- Table set up
- Show signs set ups

Saturday and Sunday

- Front door / cashier support - Toni
- Security

VOLUNTEERS NEEDED FOR OPEN SPOTS, PLEASE CALL OR EMAIL TONI OR CHRIS

THE CANADIAN KING - PART 2

By: Gene Ciancanelli

In Part 1, This story began with a call from Ian Paisley of The Paisley Mining Group asking for my services to advise him regarding a purchase offer of \$50,000 from Franco Western Petroleum Company for the Howland lease, which is within Utah's Howland Geothermal Field. The Howland lease is owned by Huron Gold Mines Ltd., a company within the Paisley Mining Group. First there was a visit to Middleton, Utah where I met Jack Von Hoene, managing agent for the Ryan Estate, which was the original owner of the Howland lease. Jack accompanied me on a field inspection of what soon was to become the Howland Geothermal Field.

Following the Howland Field inspection, I flew to Toronto for a first meeting with Ian Paisley and the Huron staff. Ian Paisley is an impeccably dressed, well-groomed man in his mid fifties. He rules the Paisley Mining Group more like a king than a corporate president. Ian is surrounded by a menial staff catering to his every whim and never daring to correct, contradict, or disagree with him. Initially, Ian is polite and hospitable toward me, but later, in subsequent meetings, he wrongly expects me to behave as a loyal humble serf in his kingdom. When Ian is informed that I'm not a ring-kissing toady in his royal court that strains our relationship. Over the next six years, personality and ethical differences will constantly test my ability to represent Huron.

After providing the Paisley Mining Group with an overview of Howland's geology and geothermal resources, I inform Huron there is a very high probability that their lease is within the Howland reservoir. That being the case, the lease's value greatly exceeds Franco Western's \$50,000 offer. The lease will have a multi-million-dollar value once a successful well is drilled to prove the lease is inside the reservoir. I'm now asked to prepare a program for proceeding.

A few months later, I return to Toronto with the plan to proceed. I will discuss the plan and also meet with stockbrokers and attend the annual Prospectors and Developers Association Convention, which is a rowdy affair. The convention attendees are prospectors, mining engineers, geologists, mining promoters, stockbrokers, bankers, and lots of conmen. Many of these men spend the year working in isolated mining camps and the convention is their annual opportunity to go wild and blow off steam in the big city. During that convention, one drunk drives his motorcycle into the historic Royal York Hotel in the middle of the night. He drives the motorcycle into the elevator and gets off on different floors. The hotel is laid out with wide hallways on each floor and the hallways are a continuous square loop. The motorcycle drunk goes roaring around the hallways on each floor waking guests up until the police arrive. Two prospectors made reservations requesting adjoining hotel rooms with a connecting doorway. After checking in, they discover the rooms don't have the requested connecting doorway. No problem, they go down to their pickup truck to retrieve a chainsaw and cut a doorway through the wall to connect the rooms. I had brought Betty with me to visit relatives in New York and then on to Toronto. We wisely avoided the mayhem at the Royal York Hotel by staying in the Four Seasons Hotel.

At the convention, men meet to buy, sell, and finance mining ventures. Larger mining and banking firms host hospitality suites offering lavish food and drink. Guests enjoy the finest oysters, caviar, lobster, prime Alberta beef, champagne, wine, beer, and liquor served by beautiful hostesses in mini-skirts. This is the epitome of Male Chauvinist Piggish behavior and culture. The first evening, Jack Von Hoene and I make the rounds to various hospitality suites enjoying the delicacies being offered. The next evening, I invite Betty to meet me at the convention hotel to enjoy the festivities. At the various hospitality suites, I'm constantly being pulled aside by people, who recognize me as Huron's consultant. Considerable interest has developed in investing in Huron, because Franco Western is successfully drilling wells all around Huron's lease. Investors have heard Huron's stock will soon be offered in an Initial Public Offering (IPO). When Betty arrives, I'm sitting in the corner of Huron's hospitality suite talking with two bankers. I motion to Betty to give me a minute until I finish the conversation. A group of men quickly surround Betty and offer her refreshments. Betty is a shy young woman not accustomed to such attention. Soon a Huron vice-president whispers in my ear that wives don't attend the hospitality suites until the third night. The only women present on the first two nights are prostitutes. The guys surrounding Betty assume she is a call girl and they

are hoping to score. I quickly sweep in and pull Betty aside to the disappointment of her admirers. Betty leaves the hotel in a flash when she hears what I have to say. (Betty) *"Now I know why all those men were being so nice to me. I thought Canadians were friendly, but they are dirty old men."* She got that right. I took Betty to a nice restaurant for a lobster, but although innocent, I was still in the dog house.

Huron now moves forward with the public stock offering (IPO), on the Toronto Stock Exchange. The money raised will be used to drill a production well. There are meetings with stockbrokers and promoters to generate interest in the proposed IPO. My task is to explain the Howland Reservoir's geology and the ongoing development and to describe geothermal energy technology. Enthusiasm is growing for Huron's IPO because this is during the world's first "Energy Crisis" and energy projects are considered low risk and very profitable opportunities. Enthusiastic response encourages Huron to pursue the public stock offering to finance the exploration well.

During the Prospector and Developers Association's festivities, the Paisley Mining Group hosts a lavish banquet for several hundred invited guests. Ian carefully orchestrates the seating arrangements and reigns over the event like a medieval king, except I never saw him throw bones over his shoulder to the king's dogs. Each year the most important people and people, whom Ian is trying to impress or promote, are seated at the best tables. The event begins with speeches and toasts to the Queen and Canada. Following the toasts, the guests dine and socialize. Betty and I are seated with prominent people in the Toronto investment community, to allow me to discuss Huron's project (certainly boring to the ladies, Betty, and me too for that matter).

Over the next few months, Huron forges a joint venture with Natomas Corporation's Thermal Power Company division, which also owns a Howland lease. Huron's association with Thermal Power Company adds prestige to their geothermal project. Thermal Power Company and Magma Power Company were partners in California's Geysers Geothermal Field's initial development, which ultimately became the world's largest producing geothermal field. Union Oil Company now operates The Geysers Field and Thermal Power receives a very substantial annual revenue from their retained interest in that field.

In 1975, I had resigned as vice president of a small Canadian energy and mining company and, since being the rich playboy son of a billionaire wasn't an option, I was trying to figure out what to do with the rest of my life. I hadn't yet started looking for a job when out of the blue, a mid-size petroleum and geothermal company, Natomas/Thermal Power Company, called and offered three times my last salary to become their chief geologist. At a meeting in San Francisco, the position was explained as corporate management, but this wasn't appealing. They suggested I go to lunch with their consultant Court Decius and he would explain the position in more detail. Mr. Decius was an 88-year-old geologist, who had finally decided to retire after a career stretching back to before World War I. I still recall the lunch menu that day. We ate at Tadich Grill, which is the third oldest restaurant in the United States. The food is excellent and I had sanddabs, salad, wine, and sourdough bread. It proved to be the most important lunch and business meeting of my life. After a few minutes of talking, Mr. Decius said, *"Why do you want to go to work for these people?"* (Gene) *"I'm not sure that I want to work here. The salary is very attractive, but the job is not interesting."* (Mr. Decius) *"You should become a consultant and be your own boss. You can make just as much money. These people just want to pick your brain, but they will look down their noses at you because to them you're not their social equal."* That lunch lasted 3 hours as Mr. Decius explained to me how to be a successful consultant. That day my life changed and Natomas/Thermal Power Company were shocked when I turned down their offer. I never had the opportunity to thank Mr. Decius for giving me a life of adventure and prosperity. As always, Betty supported me, but she probably thought I was crazy to turn down such a fabulous salary.

Upon returning home, we started Cascadia Exploration, a consulting business. I would do the science and handle the clients, while Betty managed the company and employees, did the finances, and worked as the draftsman and geotechnology/geochemistry technician. Jim Brown soon became Thermal Power Company's chief geologist. Jim was a managerial geologist better suited to the role of corporate executive. Thermal Power Company would become the operator to drill the Huron well in the Howland Field. Jim and I were previously acquainted and, in addition to the Howland Project, he retains my services on other projects. He proved to be a good man to work with. He ran an

honest professional program and never pressured me to change or modify reports or advice. In the end, Thermal Power had my expertise and I had my freedom. On the Howland Project, ownership is two-thirds Huron, one-sixth Thermal Power Company, and one-sixth Shield Exploration Company. Later PROSTEC Exploration Inc. will acquire Shield Exploration Company's interest. About six years after I declined Natomas/Thermal Power Company's job offer, the firm merged with Chevron and I would have been unemployed. Instead, thanks to Mr. Decius, the business Betty and I started lasted for the next 32 years until we retired.

Huron has to complete the IPO stock offering to raise the drilling money for the project to commence. I complete a report evaluating the geothermal potential of Huron's lease. That report, along with information prepared by Huron, is submitted to the Toronto Stock Exchange, the Ontario Securities Commission, and the Quebec Securities Commission. I'm required to appear before these bodies to answer questions and make a formal geologic presentation. The hearings go well and permission is quickly granted to proceed with the stock sale. The offering to sell 1,000,000 shares of Huron stock at \$1.00 per share is, up to that time, the most heavily subscribed offering in the Toronto Stock Exchange's history. Huron could have easily sold 4,000,000 shares, if these had been offered. The stock offering also includes Huron's other asset, the "Freedom" gold claims. Eventually, the Huron insiders, who each received hundreds of thousands of shares at a penny a share, each made millions of dollars.

THE FREEDOM FIASCO AND BIGOTRY

The Freedom gold claims are west of Hudson's Bay. Ian asks me to review the technical data and find a company interested in exploring and developing the property. Rather than pay a fee for my services, Ian proposes to pay a sales commission, if I locate a buyer for the claims. I interest St. Joe Company's Hershel Cohen in the property. My friend Hershel arrives for the first meeting at which Ian shows up drunk. Ian is an obnoxious and belligerent drunk and true to form, the first thing he says to Hershel is, "*Are you a Jew geologist?*" Hershel never said a word, he stood up and walked out. St. Joe won't be buying the "Freedom" and I will waste no further effort.

Working in Toronto for extended periods, I have the opportunity to observe Ian's behavior first hand. The more I get to know him, the less I like him. Ian divides people into two groups, his equals and the inferiors (Hillary Clinton's "deplorables"). Most people are inferiors and that includes me and anyone, who isn't a northern European Protestant. He especially hated the Irish, even more so than the Italians, Polish, Jews, Blacks, Mexicans, Asians, etc. That is why in this story, I gave him the fictitious name Ian Paisley after the notorious Reverend Ian Paisley, a Protestant bigot from Ulster, Ireland.

A hard-working Chinese girl is in the accounting department. I don't know her, but we are usually the last people to leave the office each evening. A wallet is stolen or lost and a search fails to find the wallet or any evidence there even is a thief. At 7 PM, Ian, the Chinese girl, and I are alone in the office. The girl comes walking down the hall crying. I ask what happened and she says, "*Ian just fired me. He said I stole the wallet, but I didn't do it.*" (Gene) "*Your only crime is you're not Caucasian and that is why you were singled out for blame. You will find a better job where you don't have to put up with such treatment.*" I can't understand why people work for Ian. Soon Ian tries to intimidate me. (Gene) "*Ian, I don't work for you and I don't take crap from anybody. You need me and I certainly don't need you. I'm leaving.*" Ian backs down and apologizes. Later, he tries to hire me as an employee. (Gene) "*Ian, you have an alcohol problem and I have seen how you treat your employees. I would never work for you.*" The deterioration in our relationship was due to a mutual incompatibility and a growing dislike, which eventually I made no effort to conceal and neither did he.

DRILLING HURON'S WELL IN THE HOWLAND FIELD

In late October, drilling begins on Huron's well. Thermal Power Company has hired Loffland Drilling Company to drill the well. Royce "Buddy" Bowden is the tool pusher and Swede Swanson is the consulting drilling engineer. Trident Associates is the mud logging company with two geologists Keith Johnson and Parker Warren. Warren is a drug addict, who is often absent when his 12-hour shift starts. Keith Johnson will frequently work three consecutive 12-hour shifts, until Warren can be found and sobered up. Keith is a responsible young geologist, whom I encourage to

return to graduate school. I have no further contact with Keith after the well is finished. Years later, Cascadia is going to hire a young geologist to be my assistant. I'm interviewing young geologists at San Diego State University. Keith arrives for an interview and I hire him on the spot. Keith will work for Cascadia until he retires in his mid-thirties.

The Huron well is located near the Opal Fault and close to the original Ryan discovery well. Huron's well encounters the first steam entry before the hole even reaches bedrock. Blowout prevention equipment (BOPE) is installed and more steam entries occur as the well is deepened. For safety reasons, we are desperate to cement deeper casing in bedrock and finally this is accomplished. Drilling resumes and blowouts are a concern as more new steam entries are being encountered. This reservoir water is under pressure and has a temperature above 400° F.

On one shift, the crew fails to take proper precautions when breaking a drill pipe connection and high-pressure steam exits the drilling-pipe joint to scald several crewmen. These men are hospitalized with third-degree burns. This is a very dangerous well and everyone is uncomfortable working at the rig. One day the well blew out and everyone started running. A farmer had parked his truck on a nearby knoll, to watch the drilling operations. The men all run toward the knoll and I'm the first to arrive. We're all huffing and puffing from the run, when the farmer looks at me and says, *"Fellows, when that well blew out and you all started running, I would never have bet that this fat guy would out run all you skinny fellows."* (Gene) *"Fear makes fat men run really fast. I can't speak for these here Okie drillers, but personally, I know how dangerous this well is."*

At 1,276 feet, a large fracture is encountered with complete and sudden loss of all the drilling mud in the hole. These large open fractures can be a major steam-production zone and this is probable given all the steam entries encountered at shallower depth. The blowout prevention equipment (BOPE) is immediately shut in and the well goes to stand-by, while waiting on snubbing equipment to be flown in from Texas on a large cargo plane. The snubbing equipment is installed and this allows drill-pipe connections to be made inside a closed chamber to control blowout danger to the crew. Snubbing equipment is expensive to rent. It slows down operations, which greatly increases the drilling cost. With the snubbing equipment installed, the drill string is removed from the hole and the well shut in with the BOPE rams. A bridge plug is set in the hole, but the plug breaks loose and eventually is pushed to 1,230 feet. A second bridge plug is set and it breaks loose. Both plugs are pushed to 1,252 feet. A third bridge plug is successfully set at 1,217 feet. The snubbing equipment is removed and a third casing string is cemented at 1,104 feet and new BOPE installed and tested. The hole is cleaned out and logs are run. (Logs are a series of measurements made down inside the drilled hole by various electrical, radioactivity, caliper, sonic, and other measurement instruments. These instruments provide important geologic information.) Now begins the process to drill out the bridge plugs and complete the well. By now, the well cost far exceeds the original well-cost estimate and Huron is upset with the entire enterprise.



Huron's well in the Howland Steam Field

Many engineering mistakes occurred during the long drilling process. Swede, the drilling engineer, rarely visits the well site, which is located only a few miles from Middleton. Swede prefers to do the engineering from a motel room, where he can stay close to his substantial liquor supply. There were enough drunks on this project to start an Alcoholic Anonymous chapter. Buddy Bowden and I are at the rig all day everyday and often at night. I study the well logs and drill cuttings to better understand down-hole conditions. It is also important to maintain constant communication with the drillers and mud loggers. I try to regularly visit the rig at odd hours, such as in the middle of the night. There are two reasons to do this. First, problems don't just happen during the day and problems always require technical analysis and decisions. Second, it is good practice to keep the drilling crew on their toes by showing up at unexpected times. One night, I leave the rig at 2 AM and return to Middleton as a light snow is falling. Middleton has a two-block main street and there is a man crawling on his hands and knees in the middle of the deserted street. I stop to see if the man is ill. It is Swede crawling back to his motel dead drunk. I drag Swede to the motel and dump him in bed. A few days later, I arrive at the site while the rig is on standby waiting for equipment to arrive. The entire crew has disappeared. Standing at the empty rig, I'm trying to figure out where is everybody? Keith is sleeping in the mud logger's trailer when I wake him up. (Keith) *"Swede came to the rig and said there would be a delay waiting on equipment. He then invited the guys to join him on a road trip to Ely, Nevada to visit the Green Lantern (a brothel)."* I know Ely well, Betty and I worked out of Ely for 9 months in 1965 and I had a lot of problems with that drilling crew frequenting Ely's brothels. Buddy and I have our fingers crossed for the next 24 hours, hoping the unstable well doesn't develop a blowout problem, because there is no crew. At our request, Middleton's sheriff contacts Ely's sheriff. The Ely sheriff finds the crew and sends them and their leader, Swede, back to Middleton. Thermal Power

finally had enough and Swede is dismissed. Buddy and I must now drill and complete one of the most dangerous geothermal wells ever drilled.

Ian telephones just before the Christmas holiday. He is extremely upset at the drilling cost and the many drilling problems encountered. Most Canadian companies, including the Paisley Mining Group, shut down their offices a week before Christmas until after January 1st. Ian will be vacationing in the Caribbean and neither he nor any other Huron officer will be available over the holidays. The crew are making slow progress drilling out the bridge plugs. Ian instructs me to abandon the well. I try to convince him the well can be completed in a few more days, but pigheaded Ian wants the well abandoned. After the call, Buddy and I have a talk. (Gene) *"Huron wants to abandon this hole, but it looks to me as if we are making progress toward completion. What is your assessment?"* (Buddy) *"If we keep drilling on these junk plugs, eventually they will be drilled out and the well can be completed."* (Gene) *"Huron will be on vacation for the next two weeks. We aren't going to hear from them. I'm in favor of trying to complete the well if there is a chance the well can be cleaned out by then. What do you think?"* (Buddy) *"Let's go for it. What is the worse they can do? Run us off?"*

Drilling continues to slowly mill through the junk metal plugs and on December 23rd, the junk is finally milled down and removed from the hole. Opening the well and allowing steam to blow the hole cleans out the few remaining metal fragments and loose rock. The clean well is shut in at mid-day on December 24th to allow the crew to drive home for Christmas. I arrive in San Diego in the middle of the night on Christmas Eve. On December 26th, Betty and I load our young kids in the truck and the family drives back to Middleton. The kids love Middleton, because it has snow, which is a novelty for San Diego kids. They find cardboard boxes to use to slide down a hill behind the motel and they build a snowman and make snow angels.

On December 27th, the crew returns and the hole is re-entered and drilled deeper to 1,393 feet. I always deepen a hole below the production zone, because over the years loose rock can fall down the well. A deeper hole allows for rock debris to collect below the production zone and not plug it off. A brief flow test confirms the well's productivity. During the test, high-pressure steam roars from the flow pipe with a deafening roar, which really impresses the kids and Betty.

The well is completed on December 31st and on January 2nd, I telephone Ian. (Ian) *"Did you get that God Damn well abandoned?"* (Gene) *"No"*. (Ian) *"Why the Hell not?"* (Gene) *"Instead of abandoning it, we decided to complete the well. Huron has a producing well."* At this point, you would assume Ian would say something nice. After all, we've just made him personally many million dollars. Instead, he says he will make a press release and hangs up the phone. No pat on the back, no thank you for busting and freezing your ass over the holidays while he sat on a tropical beach, no nothing. We have made him richer and he thinks he doesn't need us anymore, but Huron will come back hat-in-hand a few more times. His type always does.



The well is opened and steam flow cleans the pieces of junk metal and loose rock from the well.

It is customary to have a party when a well is completed. The crew certainly deserves a reward for risking their lives drilling this successful well and several crew were even hospitalized. A call to Jim Brown determines Thermal Power favors a party provided Huron approves. A call to Ian produces the response that he is not going to waste money buying beer for drillers. I try to convince Ian to change his mind by telling him that the crew's hard work and dedication in the face of danger saved the well, but Ian only buys drinks for people he is either trying to impress or promote. When drilling operations first began, Jack Von Hoene recognized an opportunity to supply drilling mud and chemicals to the Franco Western and Huron/Thermal rigs. Jack became the local distributor for drilling mud and chemicals. I approach Jack with the following proposal. (Gene) *"I want to give the drillers a party for completing the well, but Ian won't pay for it. I'm wondering if a few more extra sacks of mud might have been purchased and paid for than were actually delivered? If that were to happen, then we would have phantom money to pay for a party."* Jack says he can make that happen and sufficient money is available for the party. There are two bars in town, but the drillers all patronize the Oasis bar. I approach Ike, the bar's owner, about throwing a party for the drillers. Ike refuses to allow this, because he is concerned, they will get rowdy. (Gene) *"If I go back and tell the boys that I wanted to throw a party and you refused to allow this, then a couple of things might happen. All the drillers will start drinking at the other bar in town and you lose half your business. They are also a rough crowd and I can't guarantee that a few of them might not get drunk and come over to do some damage. I think it would be in everyone's best interest to see they get a nice party with plenty of beer and food."* Ike has been made an offer he can't refuse and the crew enjoys a nice party. Ian paid for it, but he never knew he threw a party for ordinary working guys. On January 2, Huron's press release announcing success causes Huron's stock to soar reaching \$25 a share. The one million shares sold for \$1.00 a share are now worth \$25 each. In a few years, the price will drop to one cent a share, when the investors learn the firm's officers and directors plundered the treasury.

In mid-January, I travel to New York City and Toronto for "dog and pony show" presentations before stockbrokers (I knew Ian would have to call upon me again and again and again until I had enough of Ian). I filmed the drilling operations and the final production zone rig test. My presentation to stockbrokers includes that film and the dramatic flow test is convincing proof a resource is present. The dog and pony show trip adds millions of dollars in value to Huron's stock price. In early March, I'm back in Toronto for the annual Prospectors and Developers Association meeting. Huron's recent discovery has given the firm a prominent place among companies being courted by the Canadian financial establishment. Ian relishes his role as a Big Shot entrepreneur and the stock's rise in value has

considerably added to his personal wealth. At the annual Paisley Mining Group banquet, Jack Von Hoene and I are seated at the head table, but not next year.

UPCOMING SHOWS:

(Not in CFMS Newsletter):

Tucson Gem Show **TUCSON, ARIZONA, USA**

Tucson Gem & Jewelry Show New Dates!

April 7 - 18, 2021

Our exhibitors and attendees are excited to start conducting business after a long break and to support the economy to get back on track! We are looking forward to seeing you on April 7-18, 2021 at the upcoming JOGS Tucson Gem and Jewelry Show at the Tucson Expo Center!

- **Dates:** April 7- 18, 2020
- **Hours:** 10 AM - 6 PM, on the last day the Show closes at 4 PM
- **Where:** Tucson Expo Center
- **Address:** [3750 E. Irvington Road, Tucson, AZ 85714](#) [Map](#)

It's the perfect time to stock up on supplies

JOGS Tucson Gem Show is the best place to buy wholesale jewelry, gems, rocks, fossils, minerals, rough, décor, stones, beads, cabochons, findings, jewelry tools and more.

Amber Pavilion Gem/Décor Pavilion

Bali Pavilion Designer Pavilion Turquoise/Pavilion

Jewelry

Beads /Cabochons

Ethnic/Tribal

Findings

Jewelry packaging

Watches and more

CFMS SHOW DATES

Shows and Events

Sponsored by

CFMS Clubs & Societies!

Please submit your

*Show or Event as soon as possible
to receive maximum advertising value!*

Email to:

SHOW DATES

Use the Online Show Form

at www.cfmsinc.org

(click on Shows)

*You should receive a confirmation
within 5 days after submitting your
Show Date information!*

****Special COVID 19 Message

Our shows are cancelling due the current mandates of not gathering people in groups. If I am notified, we immediately post on line the cancelled show. Notice the future shows listed here lined out, are cancelled. If you have your new dates, get them to me and I will post them.

2020 Rescheduled Shows are shown in bold.

****Please check the Society Website before planning on attending a show. Stay healthy and safe where ever you are.
Sincerely, Jennifer Rhodes

2021

APRIL 10-11. Mariposa, CA
Mariposa Gem & Mineral Club
Mountains of Minerals Show
Mariposa County Fairgrounds
5007 Fairgrounds Rd.
Sat 10 am - 5 pm; Sunday 10 am- 4 pm
Website: <http://mariposagemclub.org>

JUNE 12-13. Escondido, CA
Palomar Gem & Mineral Club
California Art Center Museum/Ballroom
340 N Escondido Blvd., Escondido
Sat 10 am - 5 pm; Sun 10 am - 4 pm
Website:
pgmcshow@palom2021argem.org

September 25-26 Palmdale, CA
Palmdale Gem & Mineral Club
Details to follow

National/Regional Shows:

California Federation
June 25-28
Lodi, CA

Eastern Federation
2021 July, Syracuse, NY
2022 September,
Harrisburg, PA

Midwest Federation
2021 September 10-12
Toledo, OH

Northwest Federation

Rocky Mountain Federation
AFMS 2021
June 17 - 20
Big Piney, WY

South Central Federation
2022 AFMS Show
January 29-30, 2022

**EACH CLUB/SOCIETY SHOW
SHOULD BE LISTED HERE**

**DON'T FORGET TO UP-
DATE YOUR CLUB
WEBSITE WITH YOUR
NEW SHOW DATE**

**Check for show links at
www.cfmsinc.org/shows**

REMINDER

Advertise your Show in as many
Free locations as possible!

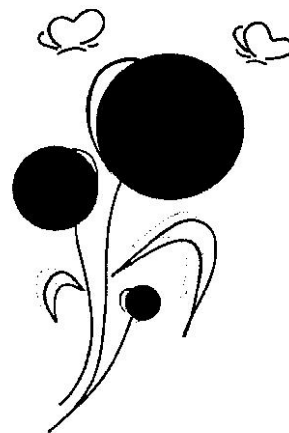
1. Local newspapers
2. Current events sections!
3. Local TV stations,
4. Community calendars!
5. Other Local Shows

**Advertise your shows in
the Rock & Gem Magazine!**

www.rockngem.com/

[showdate-submissions/](#)

Send the information in early so it's
published in
the magazine as well as online.



Amethyst: The History and Meaning of February's Birth Stone

Celeste Perron



If you're a February birthday girl, or are shopping for one, you should know that this month's birthstone is rich in history and meaning.

Amethyst jewelry makes an excellent gift for women born any time of the year, not just February babies! The stunning February birthstone is frequently featured in many gorgeous fine jewelry designs, and is a

popular choice for fashion and special occasion jewelry. For all the details on these gorgeous and symbolic gemstones, read on.

Amethyst Birthstone History And Meaning



Gorgeous purple amethysts have been prized since the time of the ancient Greeks. Because of their grape-like color, the Greeks associated these gems with the wine god, Bacchus. They believed that wearing an amethyst could protect you from drunkenness—in fact the word *amethystos* meant “not drunk” in ancient Greek. According to [gemstone lore](#), amethyst jewelry keeps its wearer clear-headed and clever. Artist Leonardo da Vinci wrote that amethysts enhance intelligence and protect against evil thoughts.



Because of its rare beauty and the expense it took to create the color for fabric, purple has long been considered a regal color, so amethysts frequently appear in royal and religious jewelry. Buddhists have believed that amethyst enhances meditation, and the gem is often used for Tibetan prayer beads. Various cultures have associated amethyst with peace, balance and courage, and ascribed to it the ability to cure insomnia and relieve pain.

Until the 19th century amethysts were as valuable and expensive as emeralds, sapphires and rubies, but then a large deposit of amethysts was discovered in Brazil. Although this lowered the gems' financial value, the trove of Brazilian gems allowed large amethysts to be used more frequently in jewelry. They are often found in eye-catching cocktail rings from the Art Deco and Retro eras.

Colors And Characteristics



Amethysts come in colors ranging from deep purple to the palest shades of pastel lavender and even pink. The most valuable hue is a strong reddish purple shade, but we love every shade of amethyst. Lavender hues look particularly stunning in amethyst engagement rings when complemented by diamond accents. Most amethysts have excellent clarity, with no inclusions visible to the naked eye, and are available in a variety of cuts and carat weights.



A type of quartz, amethyst crystals can be huge, weighing more than 100 pounds, and sometimes form in hollow geodes big enough to stand in.

Buying And Caring For Amethysts



If you're shopping for a February birthday gift, amethyst jewelry is a can't-miss choice. Consider elegant [amethyst stud earrings](#), a gorgeous [amethyst ring](#), or an [amethyst pendant](#). Big, beautiful amethysts frequently appear in antique cocktail rings—a gift any woman would love—browse our selection of [antique amethyst rings](#) for some ideas!



With a score of 7 on the Mohs hardness scale (10 being most durable), amethyst is strong enough for rings and daily wear, but some care should be taken to protect it from being scratched by rough materials. These gems can also be damaged by some acids and alkaline solutions (so don't wear an amethyst ring while using household cleaners). Clean your amethyst jewelry with mild soap and warm water. Ultrasonic cleaners are safe unless an amethyst has had fractures filled (which is rare), but steam cleaning is not recommended. For more information on buying and caring for your amethyst jewelry, please contact our [jewelry specialists](#).





Jan. mystery picture, it is Blyde River Canyon in S. Africa



Feb. mystery
photo: Can you guess where this is?!? Answer in March newsletter.



Cookie Monster found in agate from Brazil.



How about one of these for your home?!?