NDOM Open Data Site Update: New Applications and Tools for Exploring Data Pertaining to Mineral Production and Land issues in Nevada

Lucia M. Patterson, Nevada Division of Minerals

Nevada Division of Minerals

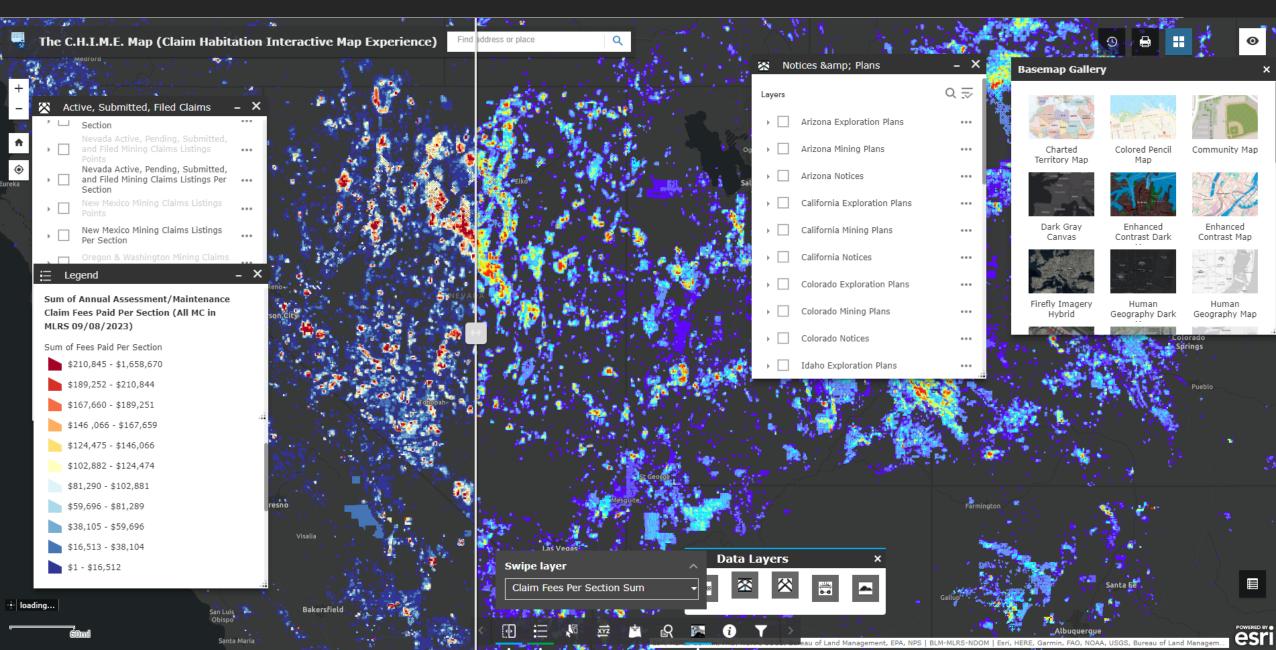
Open Data Site

Mission: To encourage and assist in the responsible exploration for, and the production of, minerals, oil, gas, and geothermal energy which are economically beneficial to the state. This is the Nevada Division of Minerals' public platform for exploring and downloading our open data.

Updates/Review

- C.H.I.M.E.
- Nevada Mining and Land Withdrawal History Experience
- Lands with, or Having the Potential for, Mineral Entry Conflicts
- · C.L.A.I.M.S.
- OGG Leases
- Next up?

C.H.I.M.E.







Nevada Mining and Land Withdrawal History Experience



Minerals

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Land

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Disclaimer & Web Application Overview

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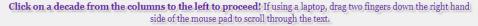
Historical narratives and data were obtained from several sources which can be found in the reference section at the bottom of this page. Direct links to the data sources were linked to the text of the source if available.

Edited by: Mike Visher, Jon Price, & Garrett Wake

In the map panels that will open, land withdrawn from mineral entry over time are displayed. Many, THOUGH NOT ALL, areas have been investigated, and the year in which the area was withdrawn form mineral entry (effectively or completely) has been interpreted by the Nevada Division of Minerals staff. We are not landmen, this is an interpretation meant to show general trends regarding lands withdrawn from mineral entry. This continues to be a work in progress. If you have any additional information you would like to add to the maps please email Lucia Patterson management in many progress. If you have any additional information you would like to add to the maps please email Lucia Patterson management in many progress. If you have any additional information you would like to add to the maps please email Lucia Patterson management in the many progress. If you have any additional information you would like to add to the maps please email Lucia Patterson management in the many progress. If you have any additional information you would like to add to the maps please email Lucia Patterson management in the many progress. If you have any additional information you would like to add to the maps please email Lucia Patterson management in the manag













Nevada Mining and Land Withdrawal History Experience



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Minerals Thoughts - 2020s

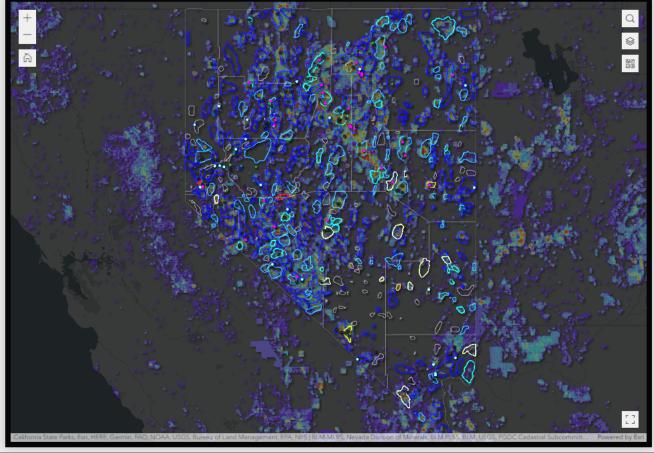
So, what's next? Well, as we have seen until now, anything can happen, and production is dependent on many global variables; but here are some current considerations:

Inflation in the prices of fuel, personnel, and goods needed to mine and process is being felt by the minerals industry. The cost of sale has increased for most companies and production numbers look to be falling. The total impact of inflation within the minerals industry has yet to be seen.

Critical mineral exploration is on the rise in Nevada. This is in response to an unprecedented demand for key minerals critical to the transition to greener energy. Nevada is uniquely positioned to lead the U.S. in transitioning away from fossil fuels, so long as federal land is available for the environmentally responsible extraction of mineral commodities. The "not-in-my-back-yard" paradigm doesn't work for the environment, because it forces mineral mining and processing into countries with far less environmental (and humanitarian) regulation, and far less controls than are present here the U.S. For an overview on critical minerals in Nevada CLICK HERE to view a summary video put together by the Nevada Division of Minerals.

It also appears that geothermal development will continue to increase as well, due to the

Mine Points Early 2020s Precious Metal Base Metal Industrial Mineral Inactive Mine All Nevada Historic Mining Districts - 2022 (NDOM update) Critical Mineral Count 22 - 24 18 - 21 15 - 17







Nevada Mining and Land Withdrawal History Experience



Minerals

Land

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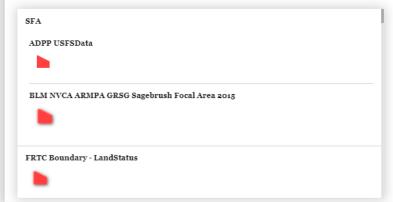
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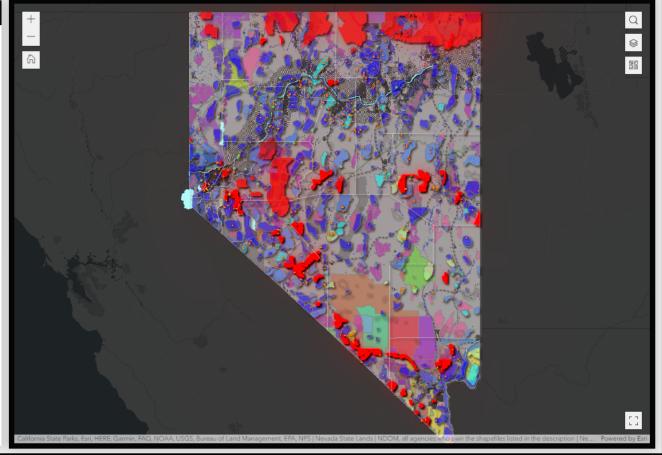
Land Thoughts - 2020s

With so many hands in the pot and so many interests at stake (natural resource conservation, climate change, materials production, supply and demand, green energy, international environmental concerns) it is important to keep a watchful, holistic, and integrated eye on land issues that arise. It is equally important to monitor legislation, as pointed out in a report prepared for the Division of Minerals in 2010, "Once the initial legislation has been enacted, it paves the way for future legislative acts that solidify its foundation". By reading the historical land narrative it becomes abundantly apparent that once the legislation is in place land withdrawals can come quickly, and from many directions. However, concerns also need to be evaluated from many directions to make balanced land decisions for our future.

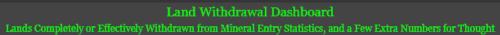
So what's up next?

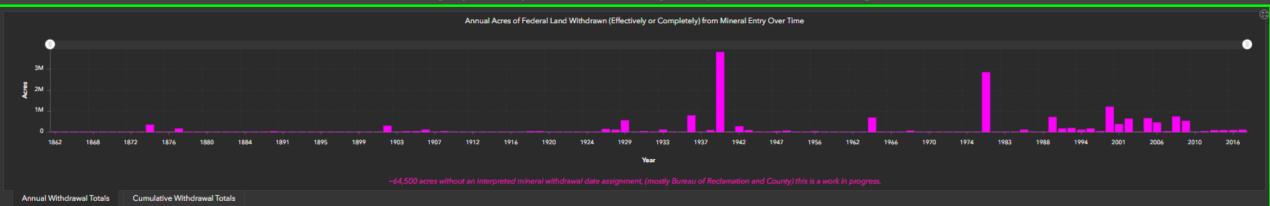
On April 3, 2023 a proposed rule was published to the Federal Register by the BLM titled "Conservation and Landscape Health". This proposed rule would make conservation a "use" within FLPMA's multiple use framework, would require the application of the Fundamentals of Rangeland Health across all program areas and all BLM-Managed public

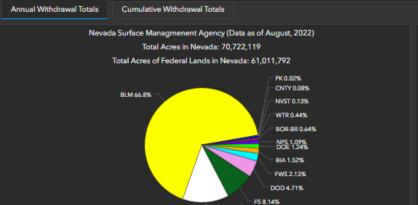




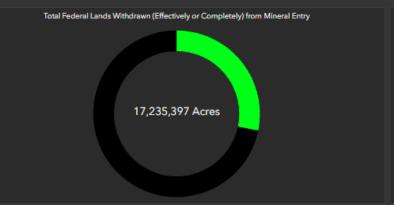
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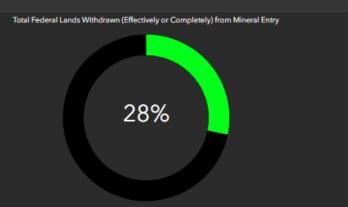






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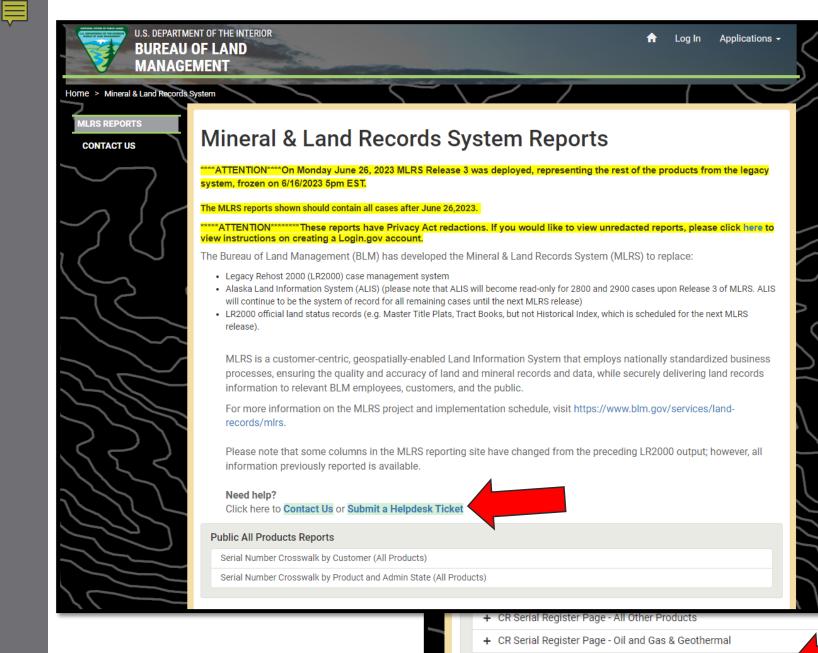




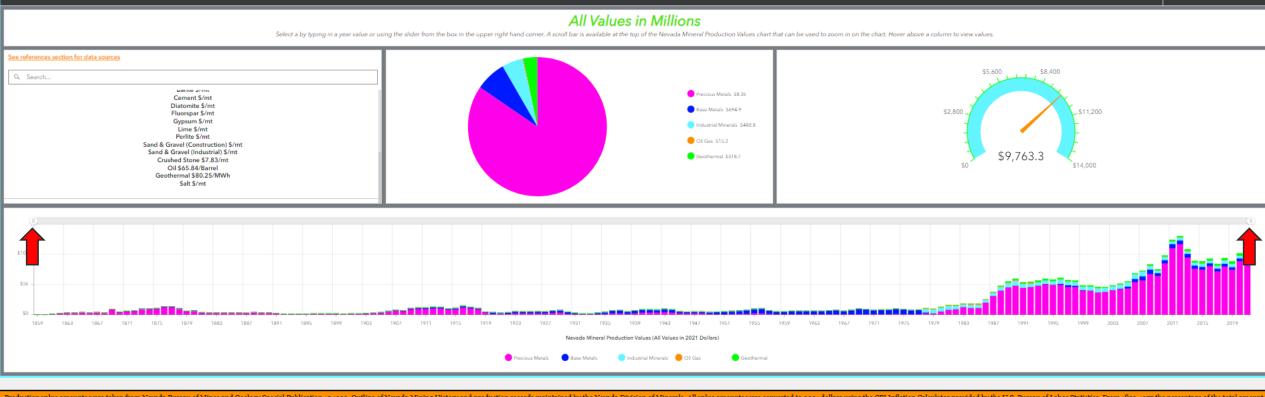








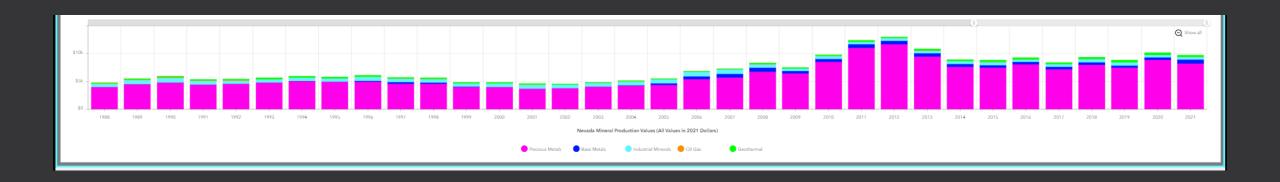
CR Serial Register Page - Other Query Parameters - all CR Products



Select a Year

Nevada Historic Production Values

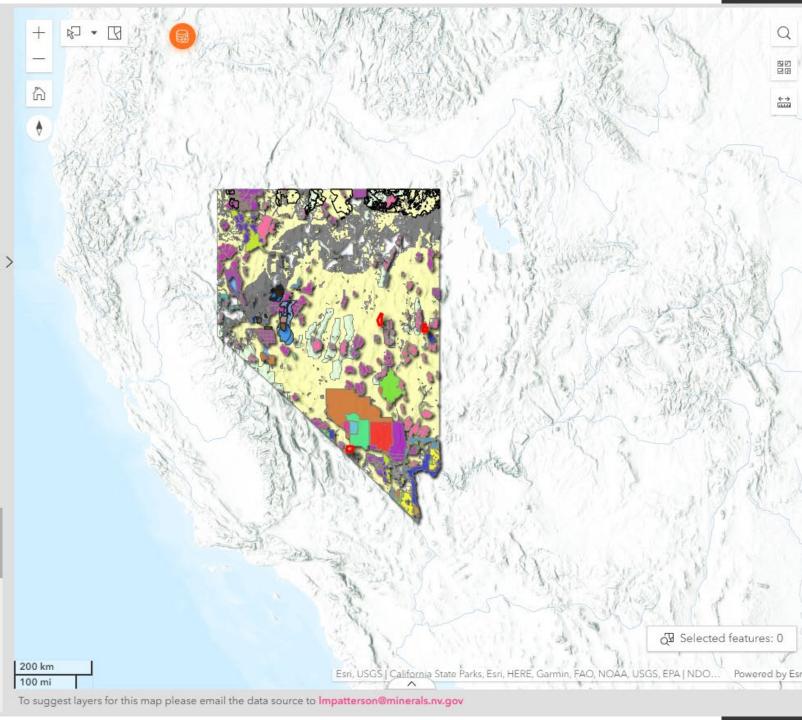
Production value amounts were taken from Nevada Bureau of Mines and Geology Special Publication 15 1993, Outline of Nevada Mining History and production records maintained by the Nevada Division of Minerals. All value amounts were converted to 2021 dollars using the CPI Inflation Calculator provided by the U.S. Bureau of Labor Statistics. From 1859-1977 the percentage of the total amount of mineral production records maintained by precious metals, base metals, and industrial minerals from the charts presented in the USGS Open-File Report 2004-1244.

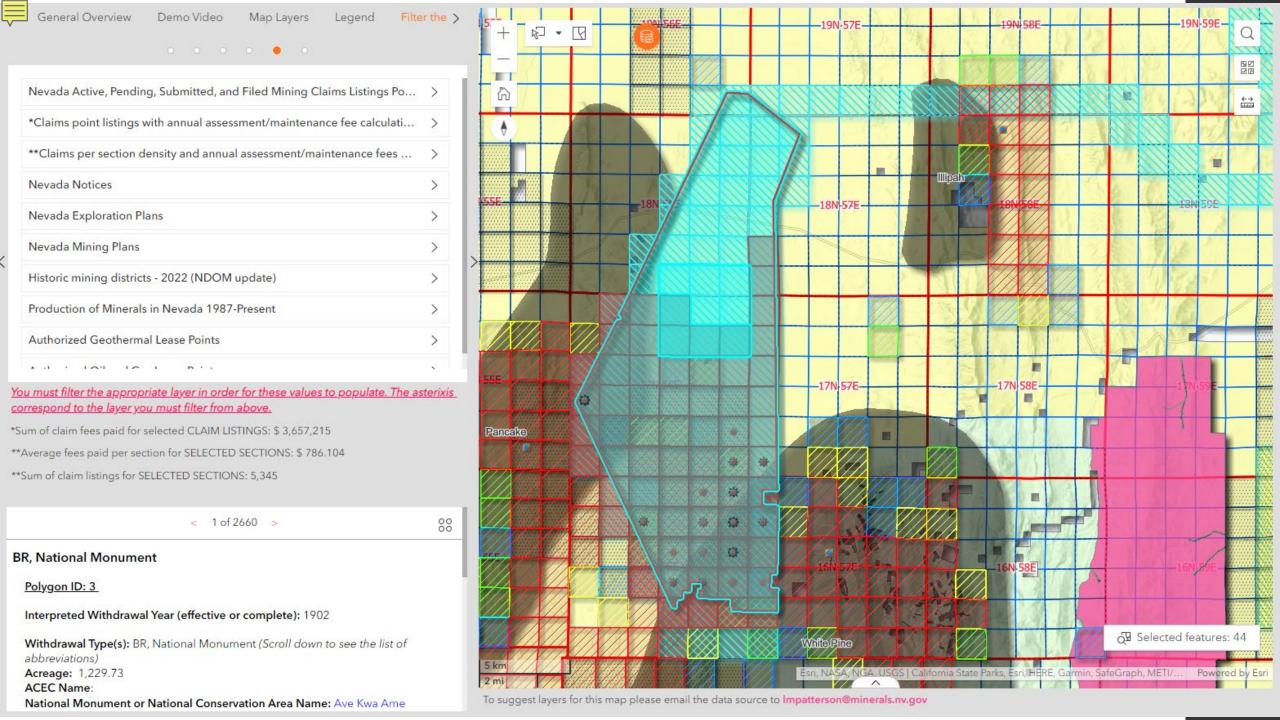


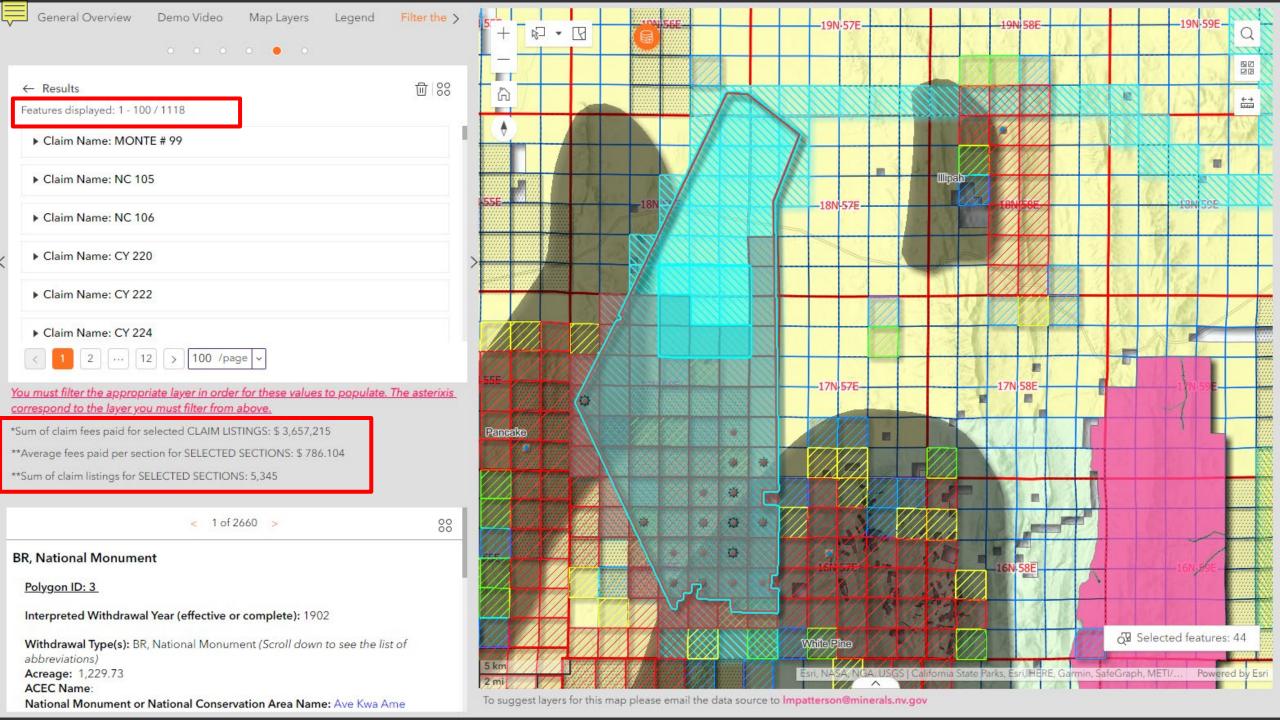
National Monument or National Conservation Area Name: Ave Kwa Ame

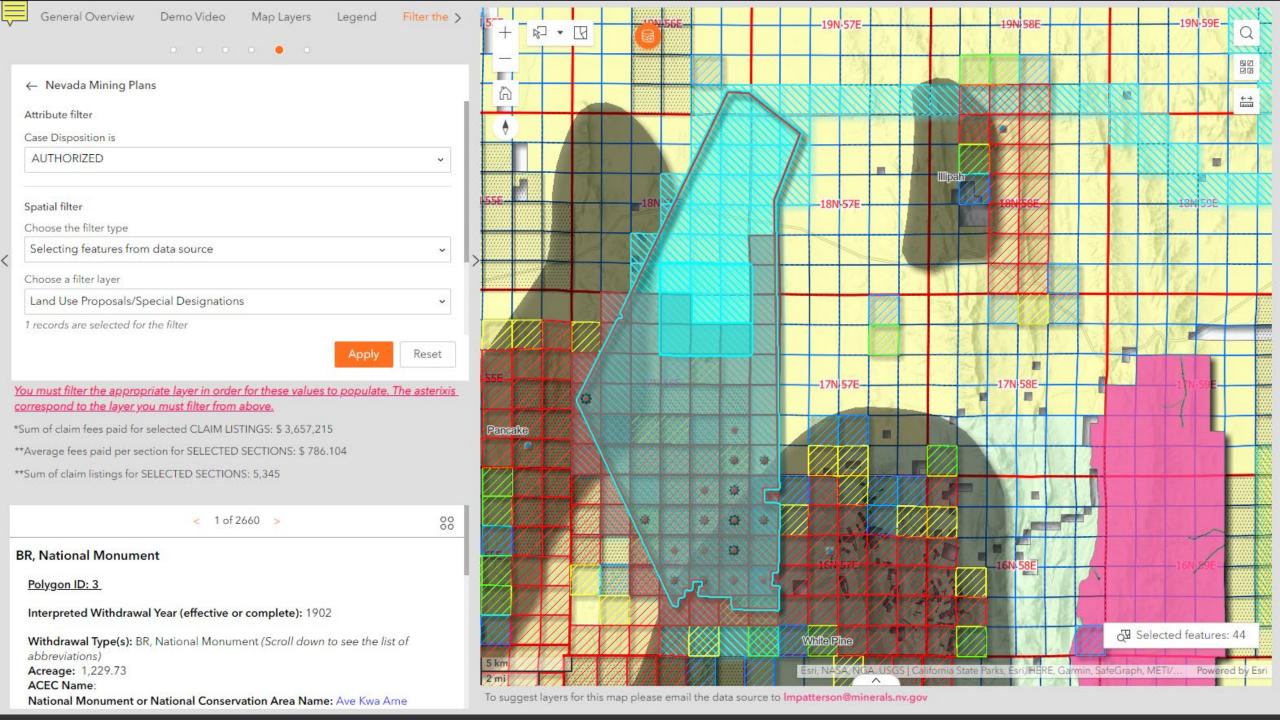
Acreage: 1,229.73

ACEC Name:









C.L.A.I.M.S. Claims Location Array Interactive Map Service



Site Sponsored By: New Frontier Drilling

Thank you New Frontier Drilling! Also thanks to Foster for the inspiration, Mike for all the guidance, and to all of my co-workers and fellow professionals for your advice, input, and edits!

This is a platform for exploring and downloading Mining Claims, Plan, and Notice GIS data. Unpatented mining claims, plans and notices are presented in this map on a per section basis for Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming. All maps are interactive with feature pop-ups designed to guide the user to the appropriate places to view data and run queries. The user can also add their own data to the map. This website is new and it is anticipated that it will be improved upon as time allows. The developer is donating time to keep the site up and going, so updates will be as time allows, but it is our goal to update the data at least once a month.

Please review the information icon in the map to read all disclosures and use limitations.

Data downloads and <u>links to state data resources</u> can be found towards the bottom of the page. Each state has provided links to data or web applications thought to be most important for explorationists.



Click on the image above to enter the data download zone!



All data nd website updates are posted to my LinkedIn account. Click on the image above to be redirected to my profile.

miningclaim.org



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What's Next?

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Land Status

Current Mining Claims

Notices & Plans

OGG Leases

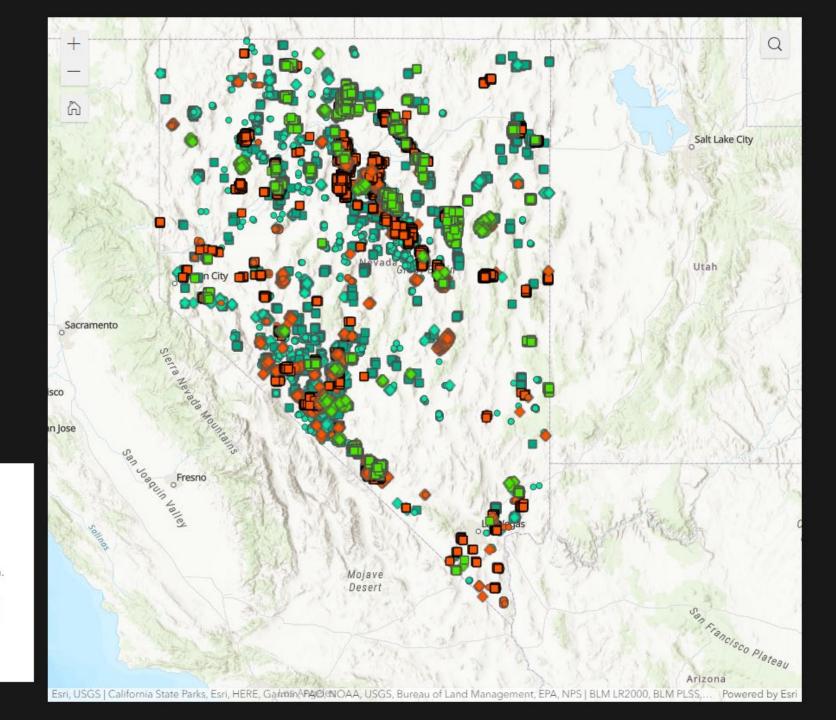
ROW's

Sage Grouse

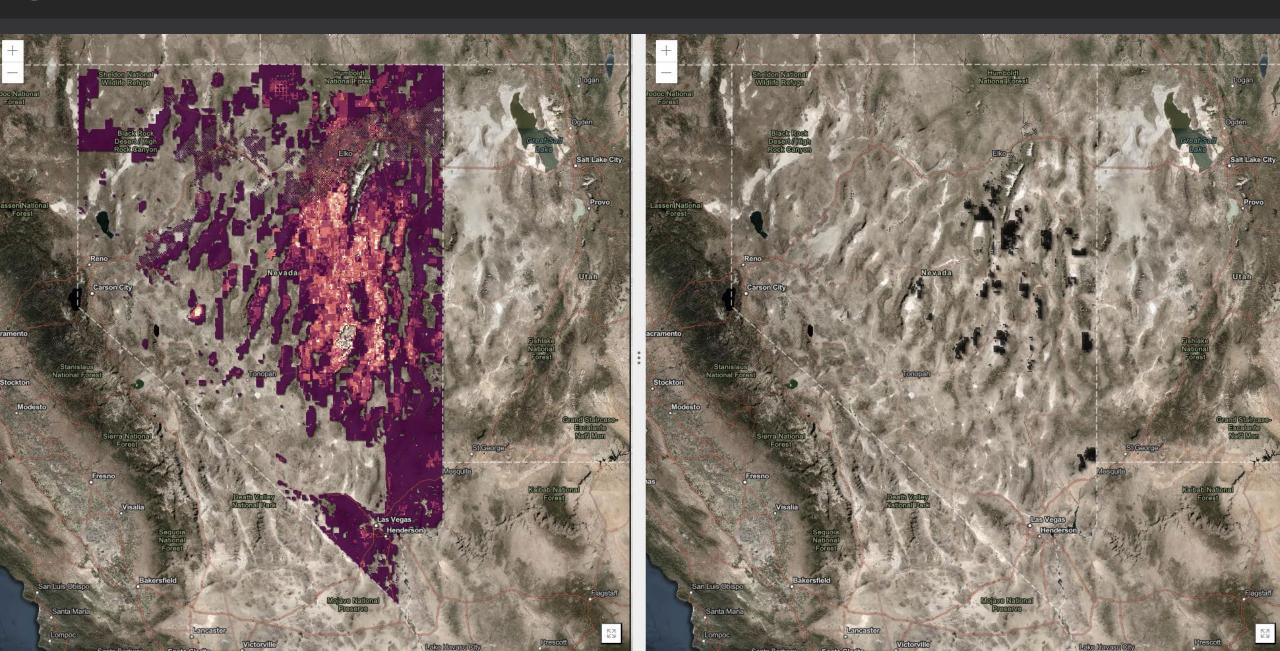


There is currently no added data.

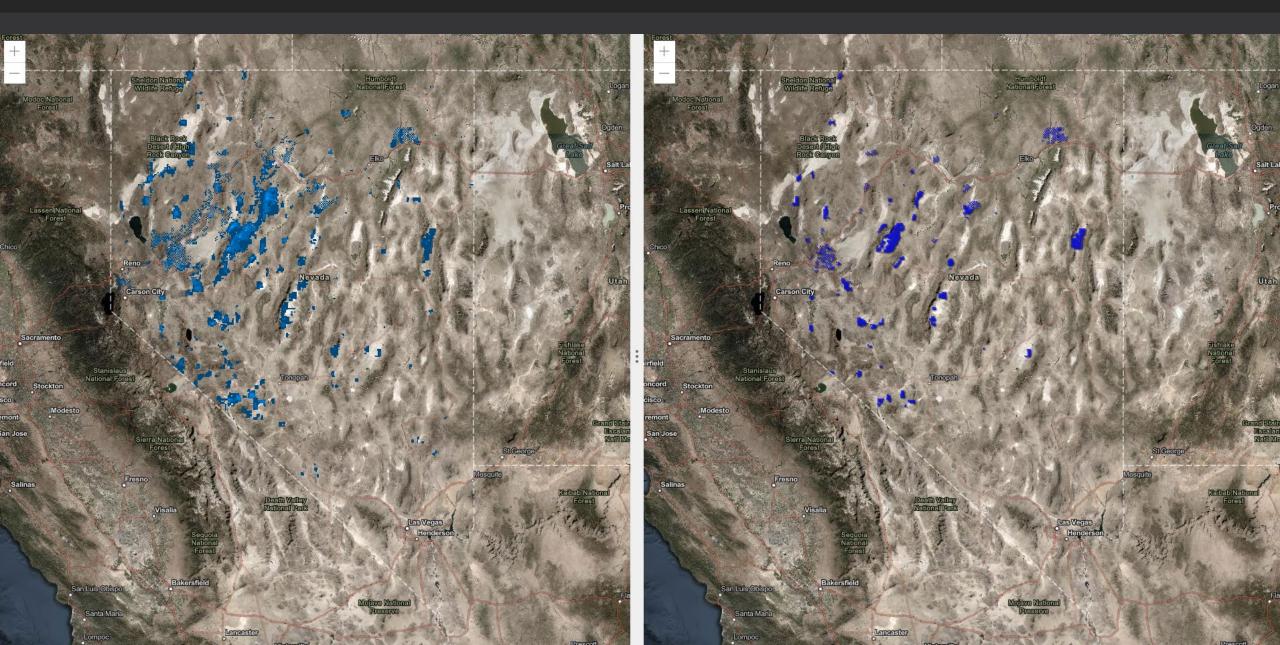
+ Click to add data



Oil



Geothermal



Thank You!

Questions?

Ideas?

