



Urano Energy Completes Acquisition of Uranium Properties in Utah and Colorado

CSE: UE
 OTCQB: UECXF
www.uranoenergy.com

VANCOUVER, BC, Dec. 5, 2024 /CNW/ - **Urano Energy Corp.** (CSE: UE) (OTCQB: UECXF) (the "**Company**" or "**Urano Energy**") announced today that it has completed the acquisition of fifteen uranium properties (the "Properties") as previously announced ([UE News Release dated Nov 27, 2024](#)). The properties, with a total of 345 claims covering 8,200 acres, or 33 square kilometers, are situated within the Colorado Plateau geological region within the states of Utah and Colorado. Fourteen of these properties have a history of production, with over two dozen former mine portals and shafts among them. All properties have known mineralization that are located in three major mining districts, the Uravan Mineral Belt, La Sal and Lisbon Valley Districts.

The acquisition of the Properties adds significantly to the Company's growing uranium portfolio. Prior to the acquisition, the Company held three properties in Utah with a combined acreage of 8,240 or 33 square kilometers and five properties in the Colorado portion of the Uravan Mineral Belt comprising of 5,400 acres or 22.8 square kilometers, including the Company's flagship Melinda property. The transaction will give the Company a total of 21,840 acres or 88 square kilometers of property in one of the best regions to historically explore and mine uranium in the United States.

Jason Bagg, Chief Executive Officer of Urano Energy, stated, "The acquisition of these properties, most of which had historic production in leading uranium producing districts, is important to the development and growth of Urano Energy. These projects, featuring accessible, shallow, tabular-style deposits, provide the Company with a variety of development and strategic opportunities."

To view the project map please visit: <https://bit.ly/3ZhVBwa>

Utah/Colorado Property Highlights:

- Each of the fifteen Properties is recognized for containing sandstone-hosted uranium mineralization;
- The Green River Property, near Green River, Utah is a highly prospective uranium asset with an existing underground mining permit and surface use permit;
- Most project sites host previous underground uranium workings;
- A solid working relationship with the vendors provides the Company local expertise in permitting, drilling and underground mining;
- All properties are accessible year-round by road, and are in proximity to local communities and services;
- Exploration work is expected to commence with confirmatory drilling and the digitization of a comprehensive library of geological data, past production records, and mine plans.

Uranium Mining in Utah and Colorado

Uranium mining in Utah and Colorado has a significant history, closely tied to the discovery of rich mineral deposits in the state's southwestern region. The Uravan Mining District of Utah and Colorado hosts the Uravan Mineral Belt, a 70-mile (110km) zone of uranium-vanadium deposits in San Miguel, Montrose, and Mesa counties, Colorado, and Grand County, Utah with a history of 80 million pounds¹ of uranium production and over 400 million pounds of vanadium production since 1945. The belt is known for its Colorado Plateau type uranium/vanadium deposits, which are found in sandstone formations and were ideal for extraction.

Today, the Uravan Mineral Belt remains a key area for uranium exploration, with modern mining techniques targeting its historical deposits and new opportunities for production as global demand for uranium continues to grow. The region's rich history of uranium mining has established Utah and Colorado as long-standing and significant players in the global nuclear energy sector.

Property Details

Property Name	State	County	Mineral Belt	Claims/Leases	Area (Acres)	Status*
1 Vanadium Queen/UH-B/Blue Cap/Black Hat	Utah	San Juan	La Sal Creek	10	206.0	Past Producer - Known Deposit
2 Hpp Creek	Utah	San Juan	La Sal Creek	11	226.6	Exploration - Known Deposit
3 North Lisbon Valley	Utah	San Juan	Lisbon Valley	41	844.6	Past Producer - Known Deposit
4 King Pin (Carpenter Flats)	Colorado	Montrose	Uravan	2	41.2	Past Producer - Known Deposit
5 East LaSal & West LaSal	Utah	San Juan	La Sal	52	2150.0	Past Producer - Known Deposit
6 Central Lisbon Valley	Utah	San Juan	Lisbon Valley	59	1215.4	Past Producer - Known Deposit
7 Bachelor	Colorado	San Mguel	Uravan	10	206.0	Past Producer - Known Deposit
8 Dulaney	Colorado	San Mguel	Uravan	6	123.6	Past Producer - Known Deposit
9 Chips	Colorado	Montrose	Uravan	9	185.4	Past Producer - Known Deposit
10 October	Colorado	Mesa	Uravan	11	226.6	Past Producer - Known Deposit
11 Lasal Creek	Colorado	Montrose	La Sal Creek	4	82.4	Past Producer - Known Deposit
12 Deer / Ni	Colorado	Montrose	Uravan	30	618.0	Past Producer - Known Deposit
13 Bull Canyon	Colorado	Montrose	Uravan	47	988.8	Past Producer - Known Deposit
14 Eagle	Colorado	Montrose	Uravan	4	82.4	Past Producer - Known Deposit
15 Green River	Utah	Errery	Proximity to the San Rafael Swell	49	1009.4	Past Producer - Known Deposit
TOTALS				345	8206.4	

*Note that past production is not indicative of future production, and significant additional confirmatory and exploration work is required to evaluate mineralization within historical deposit areas.

Green River Property - The project is 49 claims (1,009 acres) and is located just off Interstate 70. The property is accessible to established infrastructure, offering significant logistical and operational advantages for resource development.

A historically productive site, the Green River Property is located in the San Rafael District, a region renowned for its uranium-rich geology. The property is fully permitted for small-scale underground mining and surface disturbance, enabling Urano Energy to initiate targeted operations with efficiency and minimal regulatory delay.

A significant quantity of detailed data has been acquired along with the property and permits. Specifically the Company has access to a full set of 1 inch to 50 foot plane table maps of the underground workings compiled by the previous operator, Atlas Minerals. These maps show elevation, thickness and grade of all drill hole intercepts and are complete through the date production stopped. A proprietary intra-company report dated 1984 provides historical estimates of remaining resources at the time of mine closure. The Company will be systematically verifying and integrating this data to provide reliable estimates for the Green River Property.

With its combination of historical production, surface mineralization, active permits, and strategic location, the Green River Property presents a compelling opportunity to establish a mineral resource with the potential for further project development. This aligns seamlessly with Urano Energy's commitment to advancing high-quality domestic uranium resources to meet the growing demand for clean, sustainable energy solutions.

North Lisbon Valley & Central Lisbon Valley - The project package contains 100 claims covering 2,060 acres (8.3 square kilometers). The Lisbon Valley region is a historic uranium-producing district, spanning 16 miles in length and up to 1 mile in width. This region produced 78 million pounds of uranium between 1948 and 1988, accounting for 9% of total U.S. domestic uranium production during that time. Most of this output came from the lower member of the Chinle Formation, known as the Moss Back Formation.

Lisbon Valley ranks as the second-most productive uranium area of its size in the United States. Additionally, the region has yielded over 24 million pounds of vanadium oxide (V₂O₅), with the central and southern areas of the valley showing particularly high concentrations².

The district also offers significant exploration potential in the underlying Cutler Formation, which contains extensive sandstone units identified in the late 1970's as economically viable hosts for uranium.³

The vendors have provided the Company with a significant database for the Property consisting of drill logs for the most recent exploration conducted by Vane Minerals between 2007 and 2009. Lithology logs, property and workings maps at scales of 1" to 100' and 1" to 200' compiled by Homestake Minerals as well as various proprietary reports will be verified and integrated to prepare a formal exploration program to identify and quantify any remaining mineralization from past production areas as well as testing the underlying Cutler formation for uranium mineralization.

East La Sal & West La Sal - The project is comprised of 52 claims spanning over 2,150 acres (8.7 square kilometers) and covers the probable extension zones of the La Sal Mineral Belt. This Belt has produced over 7 million pounds of uranium and over 30 million pounds of vanadium. This is the same mineralized channel that hosts an active mining company's La Sal Mines Complex, of which the Pandora, La Sal, and Beaver mines are currently producing. Excellent infrastructure exists with nearby powerlines, access roads and workforce with Highway 46 bisecting the West La Sal Property. The West La Sal Property covers the historic Bandit and Sunset Mines which were operated by Union Carbide in the 1980's. The La Sal District has produced the highest grade of any Salt Wash mining district on the Colorado Plateau.

The Company has access to detailed mine maps of the Sunset Mine, which include critical information such as thickness, grade, and elevation. It also has access to reports from Union Carbide that provide resource calculations, though these indicate that only minimal resources remain unmined. Additionally, the Company has acquired detailed mine and drill maps created by Union Carbide, Mineral Reserve Corporation, Cotter Corporation, and General Electric that highlight adjacent mineralization that extends directly to the Company's property line on both the east and west sides. Data verification and integration will be applied to target future drilling along trend from known mineralization.

Dulaney – Building on Urano Energy's current claims the project adds another 6 claims and 123 acres (0.5 square kilometers) to the property, giving the Company a total of 122 claims covering over 1,659 acres (6.7 square kilometers). This consolidates the Delaney area, which lies between two Department of Energy uranium lease blocks, with multiple noted occurrences of uranium.

The Company has access to detailed underground maps and select drill logs by Cotter Corporation including proprietary historic resource estimates. The Company will verify and integrate this data to plan the best path forward for this project.

Additional Properties - The Company acquired significant data in connection with the transaction, including various amounts and types of data for the remaining properties. The Company will work towards verification and compilation of this data on a property by property basis as corporate resources allow.

The Company plans to prepare technical reports pursuant to the requirements of National Instrument 43-101 on its existing Melinda Project and the recently acquired Green River property, both located in Utah, with the first report release planned prior to the end of the first quarter of 2025. The second report is targeted to follow within the following few months.

Terms of the Transaction

The Company acquired the Utah and Colorado uranium properties pursuant to purchase agreements entered into with two Utah based arm's length private companies. Pursuant to the terms of the agreements Urano agreed to pay the vendors an aggregate of US\$5,825,000 in cash and issue an aggregate of US\$4,800,000 in shares of the Company as consideration for the properties, in accordance with the following schedule:

Payable Date	Value payable in Cash (USD)	Value payable in Shares (USD)
On Closing	775,000	1,300,000
First anniversary	1,010,000	800,000
Second anniversary	1,010,000	800,000
Third anniversary	1,010,000	800,000
Fourth anniversary	1,010,000	800,000
Fifth anniversary	1,010,000	800,000

The above payments are secured by a limited recourse promissory note in favor of each vendor, which allows the properties to be transferred back to the applicable vendor in the event Urano does not proceed with any payment, without further recourse against Urano. Urano has also granted the vendors a 1% gross royalty in respect of all uranium, and a 10% net smelter returns royalty on all vanadium, in either case produced by Urano from their respective properties. A vendor will be entitled to receive a bonus payment of USD\$150,000 in the event Urano completes a preliminary economic assessment on properties purchased from that vendor.

Qualified Person

Technical information in this news release has been approved by Douglas Underhill, PhD. Geology, MBA, CPG, a Director of Urano Energy Corp. and "Qualified Person" as defined by National Instrument 43-101 – Standards of Disclosure for Mineral Projects.

About Urano Energy Corp.

Urano Energy is a mineral exploration company focused on conventional uranium assets in the United States. The Company also holds a portfolio of gold and copper projects in Canada.

¹Chenoweth, William L., 1981, "The Uranium-Vanadium Deposits of the Uravan Mineral Belt and Adjacent Areas, Colorado and Utah. In New Mexico Geological Society Guidebook 32, Western Slope, Colorado" and Goodnight, Craig S., William L. Chenoweth, Richard D. Davyault and Edward T. Cotter, 2005: "Geologic Road Log for Uravan Mineral Belt Field Trip, West-Central, Colorado" Rocky Mountain Section of the Geological Society of America.

²Chenoweth, 2006, Utah Geological Association Publication 32

³Chenoweth, 2006, Utah Geological Association Publication 32

The securities referenced herein have not been and will not be registered under the United States Securities Act of 1933, as amended (the "1933 Act") or any state securities laws and may not be offered or sold within the United States or to, or for account or benefit of, U.S. Persons (as defined in Regulation S under the 1933 Act) unless registered under the 1933 Act and applicable state securities laws, or an exemption from such registration requirements is available.

Neither the Canadian Securities Exchange nor its Market Regulator (as that term is defined in policies of the Canadian Securities Exchange) accepts responsibility for the adequacy or accuracy of this release.

Forward Looking Statements

This news release may include forward-looking statements that are subject to risks and uncertainties and can be identified by the use of forward-looking terminology such as "expected", "will be", "anticipated", "may" or variations of such words and phrases or statements that certain actions, events or results "will" occur. All statements within, other than statements of historical fact, are to be considered forward looking. Although the Company believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and actual results or developments may differ materially from those in forward-looking statements. Factors that could cause actual results to differ materially from those in forward-looking statements include market prices, continued availability of capital and financing, and general economic, market or business conditions. There can be no assurances that such statements will prove accurate and, therefore, readers are advised to rely on their own evaluation of such uncertainties. We do not assume any obligation to update any forward-looking statements except as required under the applicable laws.

View original content to download multimedia:

<https://www.prnewswire.com/news-releases/urano-energy-completes-acquisition-of-uranium-properties-in-utah-and-colorado-302323490.html>

SOURCE Urano Energy Corp.

View original content to download multimedia: <http://www.newswire.ca/en/releases/archive/December2024/05/c5284.html>

%SEDAR: 00013475E

For further information: For additional information: Jason Bagg, Chief Executive Officer, (833) 888-2862, info@uranoenergy.com, www.uranoenergy.com

CO: Urano Energy Corp.

CNW 07:00e 05-DEC-24