

# Developing **Canada's Helium** Resources



TSXV : **HEVI**

## **Corporate Presentation**

*Annual General Meeting - May 21, 2024*

# Reader Notice



## Forward-looking Statements

Certain statements contained in this corporate presentation may constitute forward-looking information and statements, including "future-oriented financial information" and "financial outlook", under applicable securities laws. All statements in this corporate presentation, other than statements of historical fact that address events or developments concerning Helium Evolution Incorporated (hereinafter referred to as the "Company" and "HEVI") that the Company expects to occur are "forward-looking information and statements". Forward-looking information and statements are often, but not always, identified by the use of words such as "anticipate", "plan", "estimate", "execute", "expect", "future", "will", "project", "present", "propose", "potential", "target", "trajectory", "begin", "complete", and "finalize", and similar expressions and variations (including negative variations). The forward-looking statements and information are based on certain key expectations and assumptions made by the Company.

In particular, but without limiting the foregoing, this corporate presentation may contain forward-looking information and statements pertaining to the following: the Company's and North American Helium Inc.'s ("NAH") future drilling targets (the "Targets"), the Company's business prospects or opportunities, including information concerning potential technologies, products, services and strategies the Company is pursuing; the accumulation of seismic data; the results of interpreting seismic data; capital commitment; market trends and size of market projections with respect to commodity supply and demand generally and in regard to specific regions; other economic projections including commodity price, production, costs, helium concentration, royalties and well life; the projection of commercial production and helium sales in 2025; obtaining all of the required governmental, regulatory, and board approvals and any other additional approvals in connection with the Targets and the proposed business and financing strategy; timing of completion and testing of wells mentioned herein; the Company and NAH's plans regarding the stimulation of the 9-18 well, drilling of the 6 to 9 joint wells in the Mankota area and locations/drilling on HEVI's 100% held lands, as described herein; the timing of and increase of yields through the stimulation of wells; reservoir and future Targets; productivity of wells; chance of success for future drills; the number of new drilling Targets; the Company's drilling plans and timing and success thereof; NAH's exploration, drilling and completion plans, including the timing and success thereof; the ability of the Company to generate cash flow; the Company / NAH's plans for building a facility and the timing thereof; NAH's and/or the Company's drilling of development wells; future helium pricing; the performance of the Company's business and operations; the intention to grow the business and operations of the Company; the financial success of the Company's commercial arrangements; future liquidity and financial capacity; expectations regarding the Company's ability to raise capital; and projected costs associated with the planned business activities.

The forward-looking statements and information are based on certain key expectations and assumptions concerning the Company's ability to (i) complete future capital raising activities and (ii) to execute on the Company drilling programs/joint drilling program with NAH. Although the Company believes that the expectations and assumptions on which such forward-looking statements and information are based to be reasonable, readers are cautioned not to place undue reliance on forward-looking statements, as there can be no assurance that the plans, intentions or expectations upon which they are based will occur. Since forward-looking statements and information address future events and conditions, by their very nature they involve inherent risks and uncertainties.

Actual results could differ materially from those currently anticipated due to a number of factors and risks. Such factors may include the Company not being able to complete its capital raising activities, the Company and/or NAH not being able to complete its planned capital and drilling programs, the Company/NAH not being able to build a helium facility, the Company not being able to obtain required regulatory and/or governmental approvals for any desired operational activities, operating and capital costs, royalty rates, changes in regulatory policy and compliance requirements, changes in industry conditions, changes in economic conditions in and around target market areas, market and consumer demand for helium, labour and/or equipment shortages, delays or changes in plans with respect to planned capital expenditures, the Company and/or NAH may determine not to bring wells onto production, the Company and/or NAH's plans regarding future development drilling and facilities, drilling timeline and success of any future drills, the Company and/or NAH may defer plans, the Company and/or NAH may defer plans to construct a facility, fluctuations in input prices, fluctuations in relationships with potential partners, ability to secure relationships with certain targeted parties, changes in strategy and offerings of competitors, number of competitors in the Company's target markets, fluctuations in business development and supply chain, changes to land tenure and other regulations, fluctuations in market prices for helium, fluctuations in foreign currency exchange rates, fluctuations in interest rates, reliance on industry and/or retail partners and other factors that may be beyond the Company's control. Should one or more of the above noted risks or uncertainties materialize, or should any underlying assumptions provide incorrect or materially differ, actual results, performance or achievements of the Company or industry results, may vary materially from those described in this corporate presentation. Readers are cautioned that the foregoing list of factors is not exhaustive. All of the forward-looking information and statements contained in this corporate presentation are qualified by these cautionary statements. The reader of this corporate presentation is cautioned not to place undue reliance on any forward-looking information and statements. Forward-looking information and statements containing future-oriented financial information or financial outlook has only been provided as a forecast for the Company's financial position and such information may not be appropriate for other purposes. The Company expressly disclaims any intention or obligation to update or revise any forward-looking information and statements, whether as a result of new information, events or otherwise, except in accordance with applicable securities laws. The content of this corporate presentation has not been approved by any securities commission or regulatory authority in Canada, or any other jurisdiction.

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# About Helium Evolution (TSXV:HEVI)



A Canadian helium exploration company focused on developing assets in southern Saskatchewan, holding **~5.6 million acres of helium land rights**: largest position among publicly-traded companies in North America



## Robust Prospect Portfolio

- >185 potential helium anomalies identified
- Building ~2,000 km seismic database
- **Numerous targets identified**



## Numerous Near-Term Catalysts

- First **helium discovery** in Q4/23 at **2-31** well, continuing with the **9-35 discovery** in Q1/24. Development plans ongoing, laying the foundation for significant growth in the Mankota area
- **Stimulation** of the **9-18** well expected in Q2/24
- **Six to nine well drilling program** planned for 2H/24 to 1H/25



## Strategic Investor Supports Business Model

- NAH farm-in and strategic equity investment with NAH closed Q2/22 (**NAH ownership of HEVI = ~9%**)
- NAH most active helium driller in SK, drilling up to 30 new wells per year; 70+ wells drilled in total
- Land base adjacent to significant discoveries by NAH at **Mankota** & **Cadillac**

# Capital Structure & Leadership



## HEVI Share Capitalization @ May 21, 2024

<b>Total Basic Shares Outstanding</b>	<b>96,033,974</b>
Options (avg. exercise price \$0.30/share)	9,575,718
Warrants (exercise price \$0.70/share, expire June 2024)	5,940,152
<b>Total Diluted Shares Outstanding</b>	<b>111,549,844</b>
Board and Management Ownership <sup>1</sup>	~24%

**Basic Market Capitalization (\$0.17 @ May 21/24) C\$16.3M**

**Positive Working Capital Position (Mar 31/24) C\$5.0M**

## Management

**Greg Robb\***  
*President, CEO & Director*

**Patrick Mills\*, P. Eng**  
*Chief Operating Officer*

**John Kanderka\***  
*VP, Land & Corporate Development*

**Kristi Kunec, CPA(CA)**  
*Chief Financial Officer*

## Board of Directors

**James P. Baker\***  
*Chair & Independent Director*

**Micheal Graham**  
*Independent Director*

**Jeff Barber, CFA**  
*Director*

**Brad Wall**  
*Independent Director*

**Philip Hughes, CPA(CA)**  
*Independent Director*

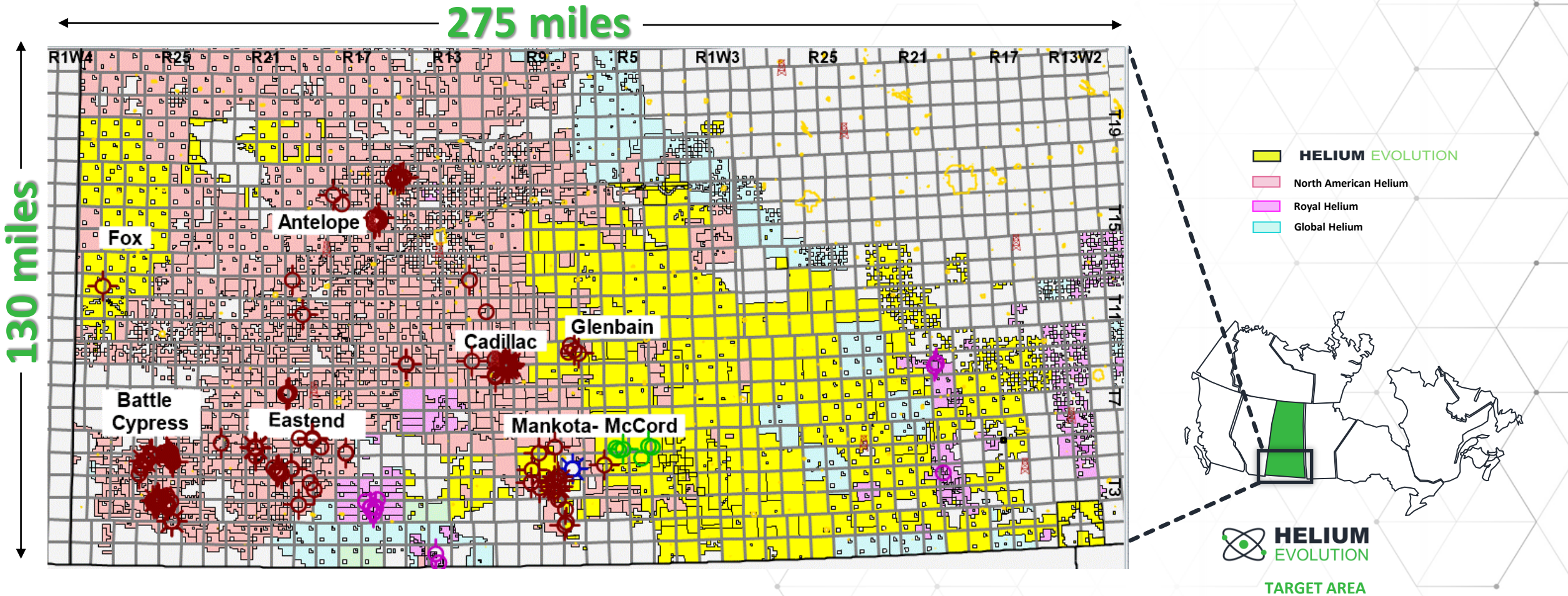
**Heather Isidoro, P. Eng, MBA**  
*Independent Director*

*\*Co-founders of HEVI*

<sup>1</sup> Includes shares and dilutives held by management and board of directors



# HEVI Land Holdings



# Mankota



- HEVI lands are adjacent to NAH's **producing Mankota pool**
- NAH has drilled **16 wells<sup>1</sup>** in the Mankota area since 2021
- HEVI recently acquired an additional four sections of 100% land ("**4 Crown Sections**") that was previously unleased and is adjacent to existing HEVI and NAH development in the Mankota area

## Three Major Catalysts:

### 2-31 well<sup>2</sup>

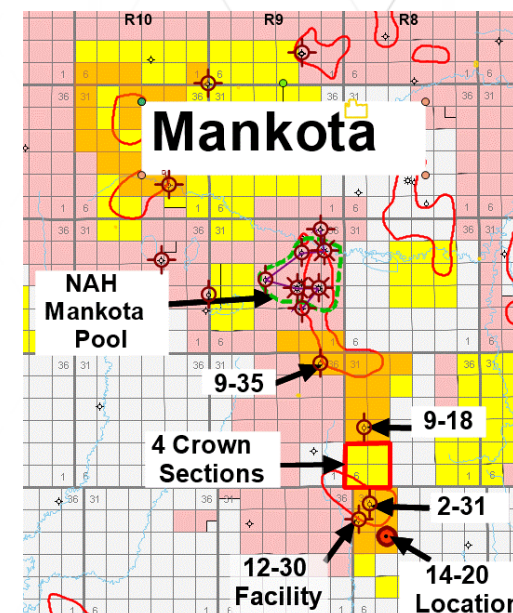
HEVI's first helium discovery confirmed in November 2023

### 9-18 well<sup>2</sup>

Second helium discovery, stimulation scheduled for Q2/24

### 9-35 well<sup>2</sup>

Third helium discovery; flow tested at 7 MMscf/d



- HEVI Land
- North American Helium Land
- Joint Lands – HEVI 20% & NAH 80%
- Sawatsky anomalies (helium leads)

## Ambitious Development Drilling Program Planned:

- 9 drilling locations identified, development plans underway with NAH in 2024/2025

<sup>1</sup>Source – Accumap

<sup>2</sup>Working interests of NAH 80% and HEVI 20%

# 2-31 Helium Discovery



## INITIAL RESULTS

- First **helium discovery** at **2-31 joint well** (NAH 80% and HEVI 20%) confirmed in November 2023
  - Initial flow test of 1.3 MMscf/d and 6,000 kPa flowing tubing pressure
  - A 3<sup>rd</sup> party pressure transient analysis suggested the **deliverability could potentially increase by 3-5x with stimulation**

## STIMULATION RESULTS

- Successfully stimulated in February 2024
- **Deliverability increased to 4 MMscf/d** with initial 3-day flow test

## NEXT STEPS

- Development well scheduled for after September 15, 2024, subject to surface and environmental restrictions
- NAH has licensed a helium plant at 12-30 location for area production

**~4.0**  
**MMscf/d flow rate<sup>1</sup>**

**0.95%**  
**Helium**

<sup>1</sup>Subsequent to stimulation at 5,500 kPa

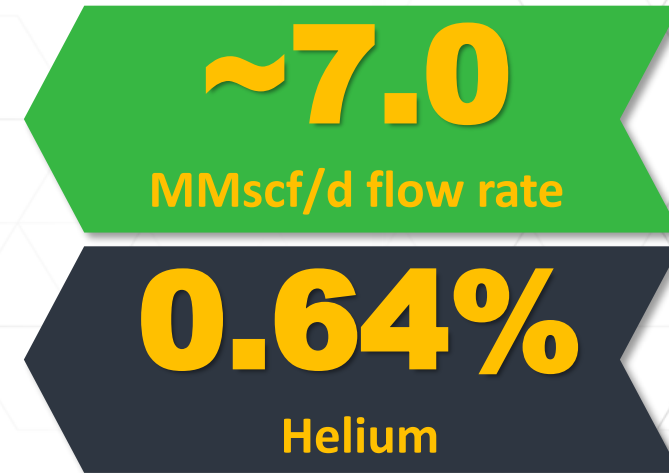


# 9-35 and 9-18 Wells (NAH 80% & HEVI 20%)



## 9-35 INITIAL RESULTS

- Second **helium discovery** at **9-35 well**
  - Following perforation, well flow tested at **7 MMscf/d** and **9,000 kPa** flowing tubing pressure after a 6-day flow test
  - Pressure transient analysis revealed no reservoir pressure depletion or reservoir boundaries and AOFP of 13.3 MMscf/d



## NEXT STEPS

- Delineation wells expected to be drilled in Q4/24 to Q2/25

## 9-18 INITIAL RESULTS

- Third **helium discovery** at **9-18 well**

## NEXT STEPS

- Stimulation expected to occur in Q2/24 in an effort to enhance well productivity





# Ambitious Development Drilling Program



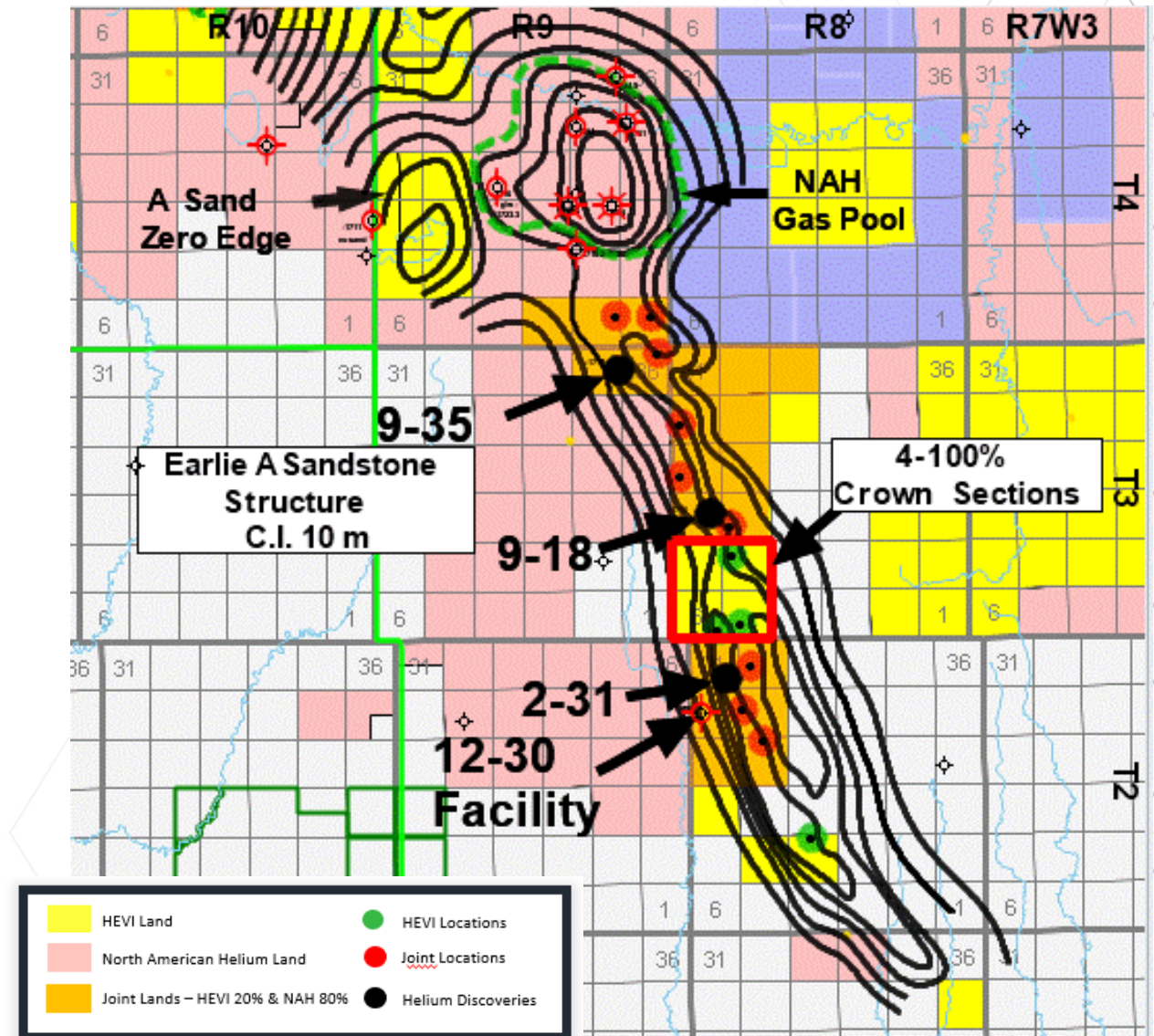
6 to 9 joint drills planned for Q3/24 to Q2/25 (HEVI 20% WI)

**HEVI** capital  
commitment<sup>1</sup>

\$3.6 to \$5.5 million

Location selection by NAH aligns with  
**HEVI's internal technical work**

4 additional locations identified on HEVI  
100% owned lands



# Path to **First Helium Sales**



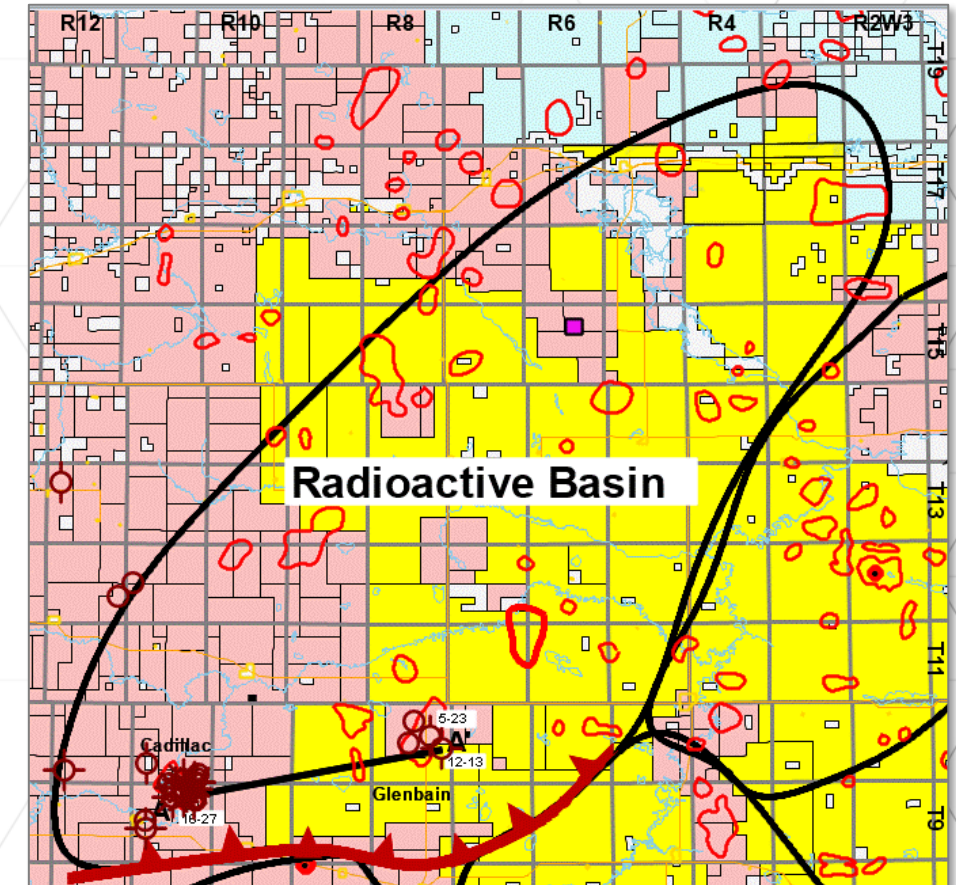
- Agreement in place between NAH and HEVI allowing HEVI to pay **processing fees**, based on an industry standard calculation, at NAH facilities **without committing upfront capital**
- Agreement also allows HEVI to take helium in kind or HEVI can participate in NAH's marketing arrangements for a 2.5% fee
- NAH has **licensed a facility at 12-30**, adjacent to the 2-31 commercial helium discovery well
  - Final investment decision to be made subsequent to further delineation of the helium pool



# Gravelbourg / Glenbain



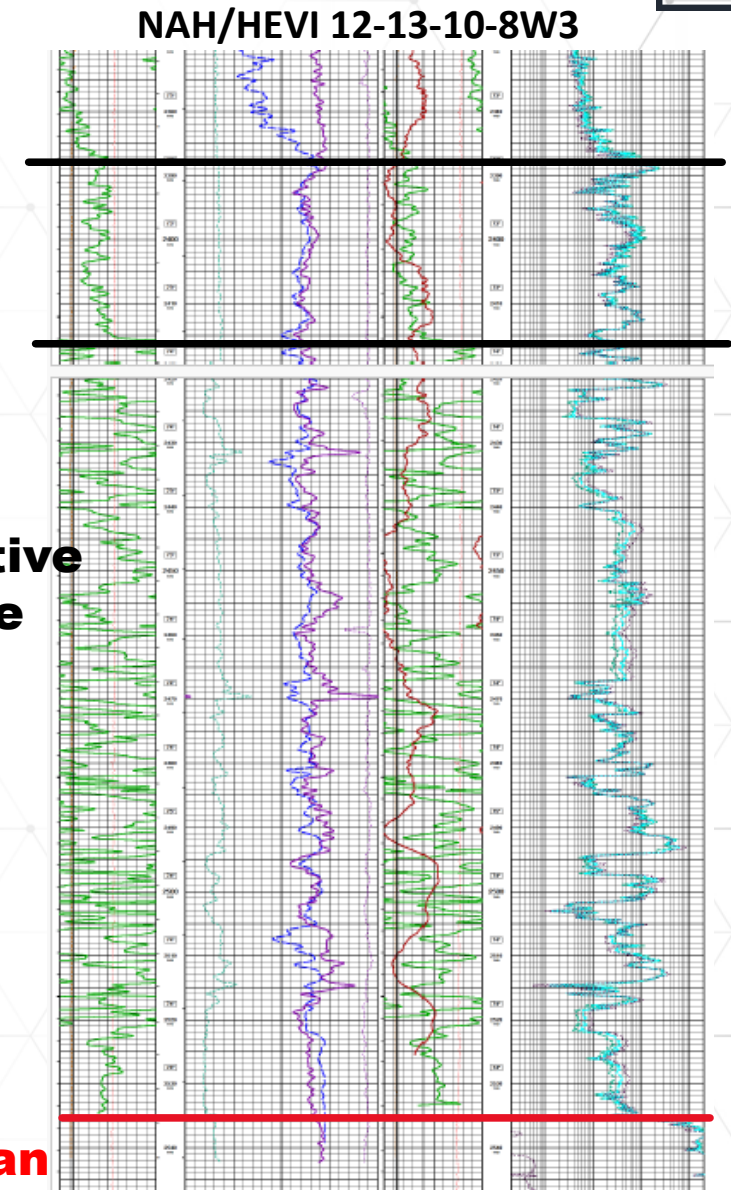
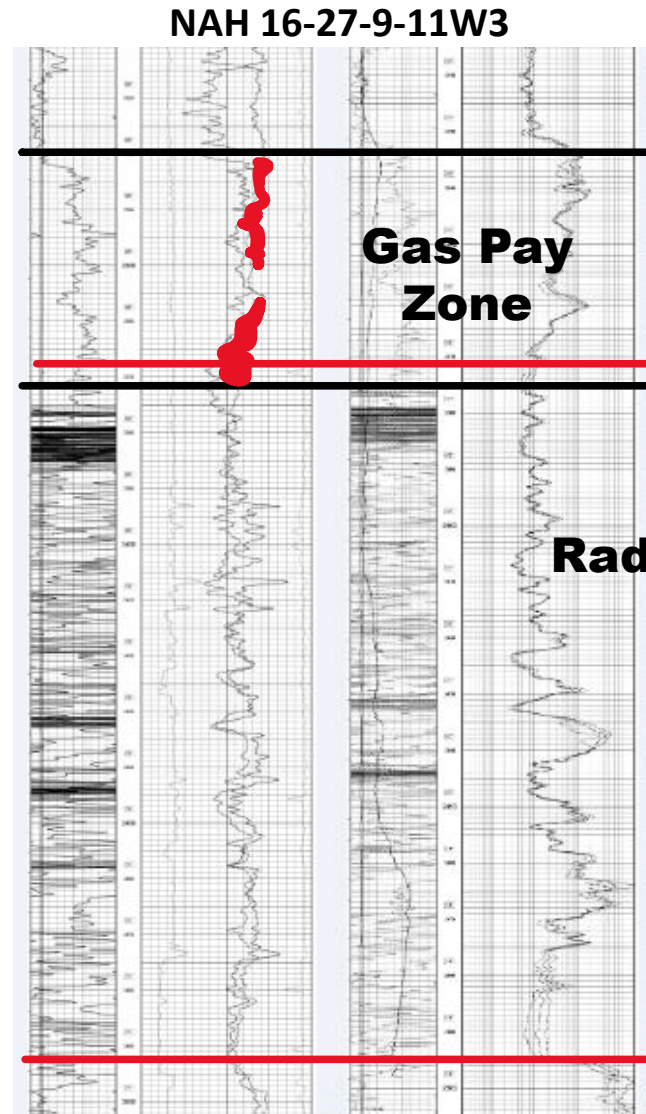
- HEVI'S internal interpretation suggests that numerous targets on HEVI's land display similar characteristics to the NAH Cadillac producing pool
- **12-13 well drilled in Q3/23**
  - Cased for further evaluation
- **Generating Internal Targets:**
  - Seismic interpretation underway which may result in additional prospective locations
  - Multiple drillable locations identified



# Gravelbourg / Glenbain - Middle Deadwood



- Stratigraphic X-section
- Thick middle deadwood with **pay zone 40+m**
- Radioactive zone **helium source rock**

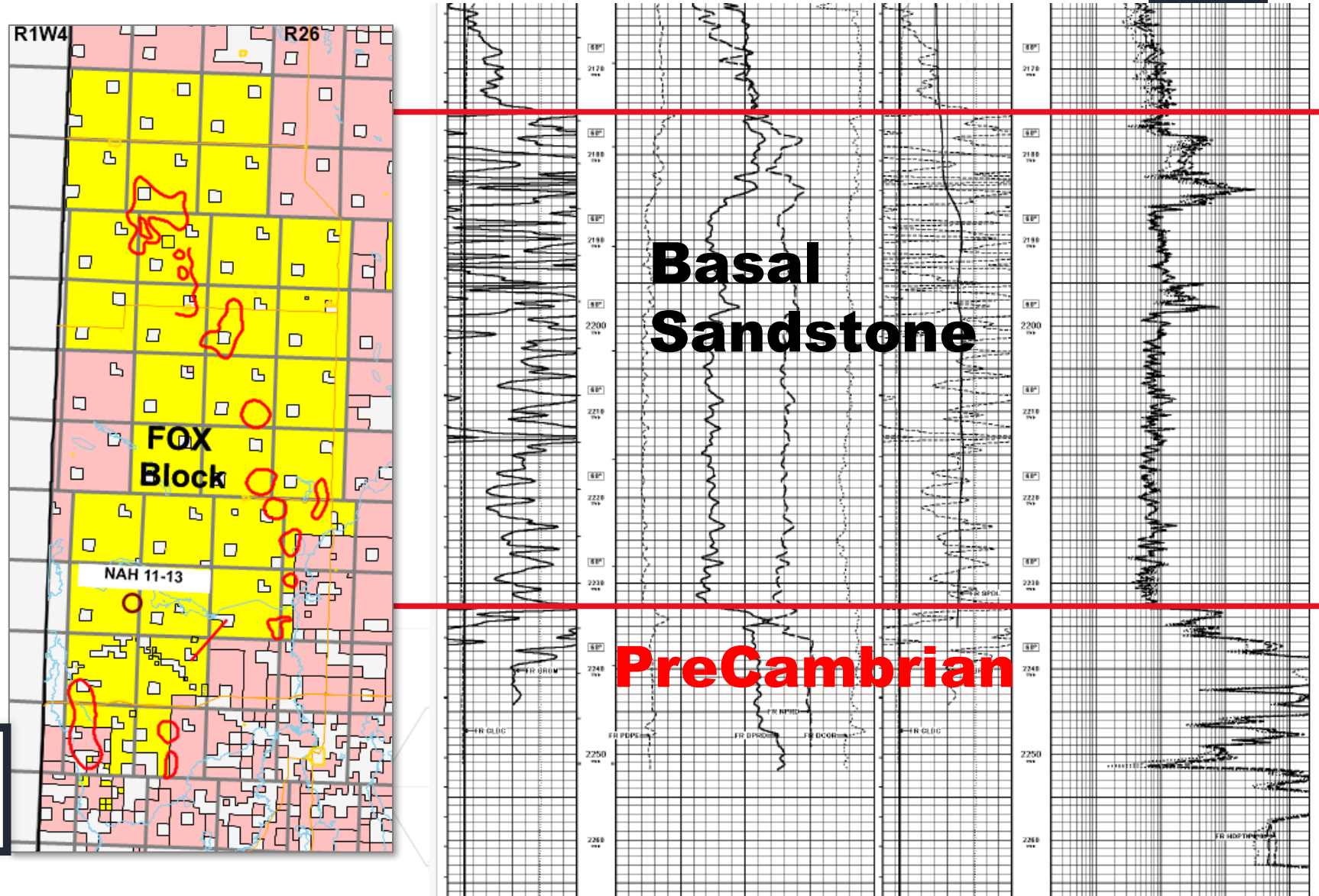
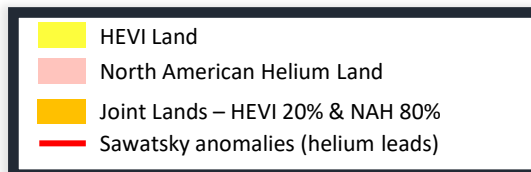




# Fox/Hatton



- **11-13** well drilled in Q3/23
  - True wildcat well; first well drilled in the area in ~70 years
- Thick Basal sandstone of **58 meters**
- Intermediate cased for **potential reentry**
- Potential drillable locations identified





# Economic Assumptions



**\$600/mcf**

USD commodity price

**4,000 mcf/d**

Raw gas production

**\$2.0M**

Drilling costs

**\$1.55M**

Completion,  
equip & tie-in

**0.95%**

Helium concentration

**4.25%**

Crown royalty

**10<sub>year</sub>**

Well life

# Development Plan **Economics\***

Inclusive of the three recent Helium discovery wells



	Low	Mid	High
Wells drilled (gross)	9	12	16
Successful wells (gross)	6	8	10
Successful wells (net)	1.2	1.6	3.6
Net capital (\$M)	5.1	6.9	34.0
Helium sales (mcf/d)	41	55	123
Cash flow from operations (\$M/year)	8.7	11.7	28.7
NPV BTAX @10% (\$M)	38.8	51.6	110.3
IRR	170%	170%	80%
Payout (years)	0.6	0.6	1.2

\*Economics shown above are calculated based on certain assumptions and do not represent guaranteed success rates, IRR, payout or NVP.

# Growth Trajectory



Helium Evolution is executing on a strategically **defined path to value creation.**



## NEAR TERM . CATALYSTS •

**Development of Mankota helium discoveries** – 6 to 9 follow up locations to be drilled with NAH in the next year

**PROJECTED HELIUM SALES**  
in 2025



# Appendix

# Helium (He) – a Critical Mineral



Declared a **critical mineral** by many countries, including Canada in 2021

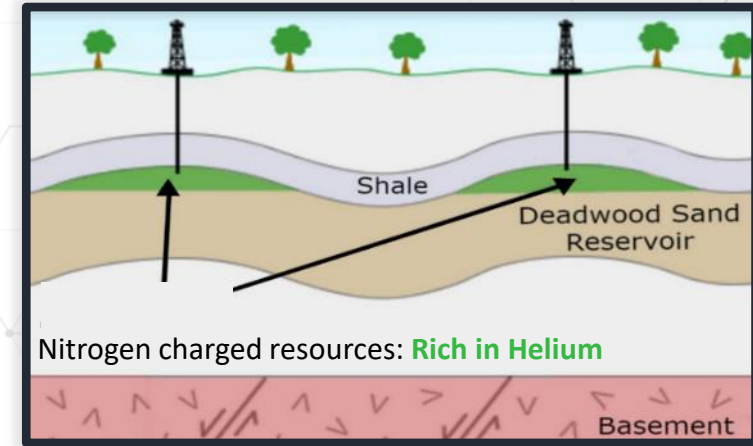
Regional Data Used

Targeting Basement Highs

Conventional Vertical Drilling

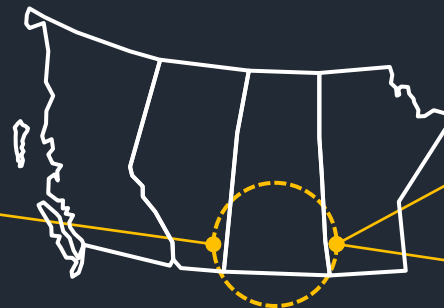
Nitrogen Carrier Gas

>0.3% He Content Considered  
Economic



The Deadwood formation has the **highest concentrations of helium in Southern Saskatchewan.**<sup>2</sup>

Helium produced in  
Saskatchewan is **among the  
cleanest in the world.**<sup>3</sup>



Deadwood Formation

PROVEN  
HELIUM  
CONTENT<sup>1</sup>

HISTORIC  
NITROGEN  
CONTENT<sup>1</sup>

Up to:

**2.0%**

In excess of:

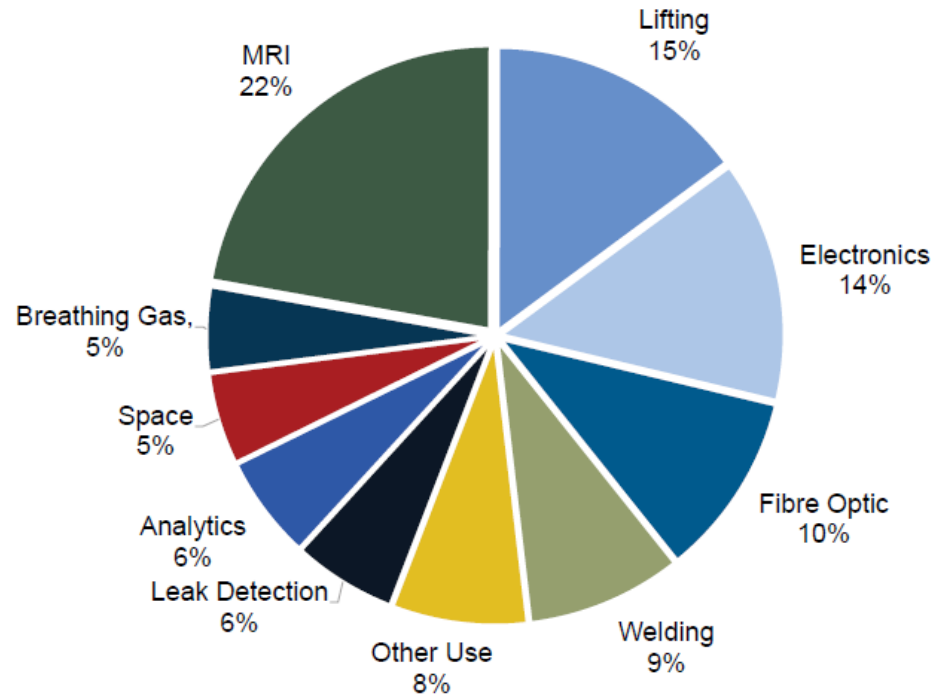
**>95%**

# A Growing Need for Helium

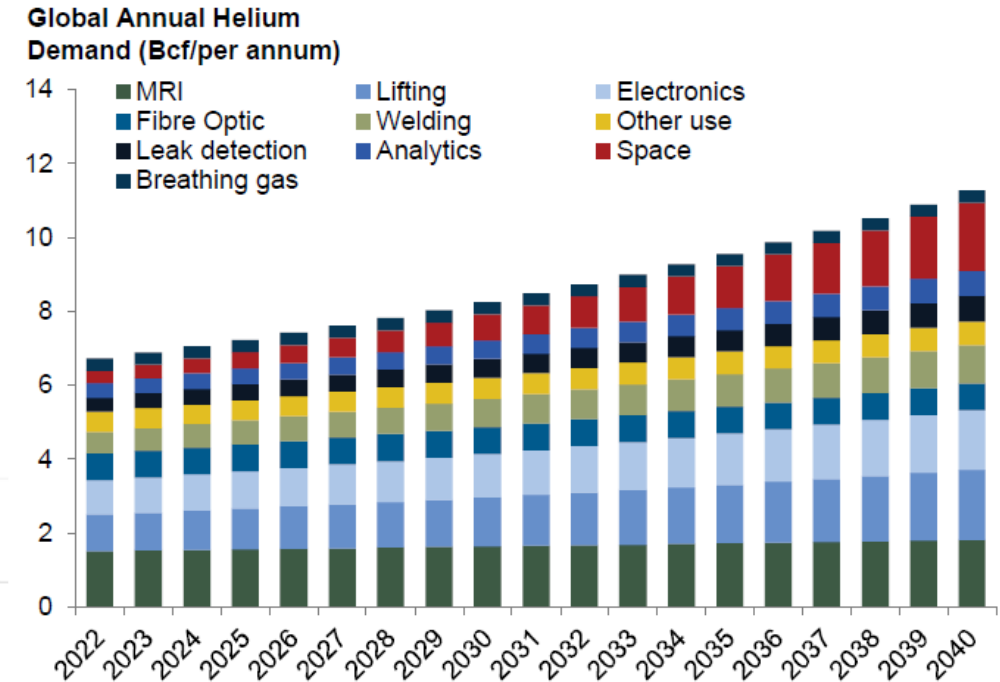


There are no substitutes for Helium, and it cannot be synthesized

## Helium Global Demand by Market Segment (2023)<sup>1</sup>



## Demand Forecast by Segment<sup>1</sup>



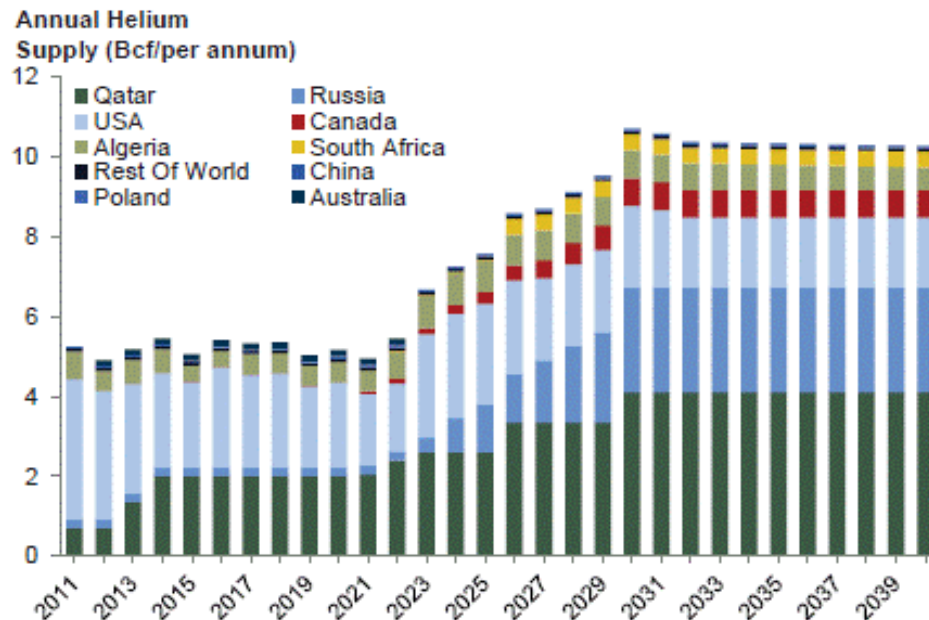
<sup>1</sup> U.S.G.S, company reports and Peters & Co. Limited

# The New Market Landscape



- Continental North American supply of helium has **significantly weakened** with the sale of the U.S. strategic reserve
- **Geopolitical issues** – Russia, Middle East sources
- As the **helium market continues to evolve**, greater transparency into market pricing for helium is expected

## Supply by Region<sup>3</sup>



## Pricing Reported by Industry Competitors<sup>1,2</sup>

~\$625  
USD per mcf  
wholesale  
helium pricing

~\$1,100  
USD per mcf  
retail helium  
pricing

## RESULT

Pure-play Canadian helium development is now economically viable and deemed critically important for Canada's economic development.<sup>4</sup>

<sup>1</sup> Royal Helium May 26, 2023 News Release

<sup>2</sup> NASA news release dated September 29, 2022

<sup>3</sup> U.S.G.S, company reports and Peters & Co. Limited

<sup>4</sup> Critical Minerals; Government of Canada; 2021



# HEVI's Saskatchewan Advantage



- ESG-friendly: **green source of helium** as harmless nitrogen gas is carrier
- **Stable, safe & environmentally responsible** vs other global jurisdictions
- Proximity to **high-demand U.S. markets** and existing infrastructure
- Identical drilling process to natural gas & **access to skilled labour**

**21<sub>yr</sub>**

lease terms; drilling not required to maintain permits

**4.25%**

net provincial royalty rate

**10%**

of global market share for helium targeted by 2030 as committed to by the SK government

Helium Action Plan:  
From Exploration to Exports

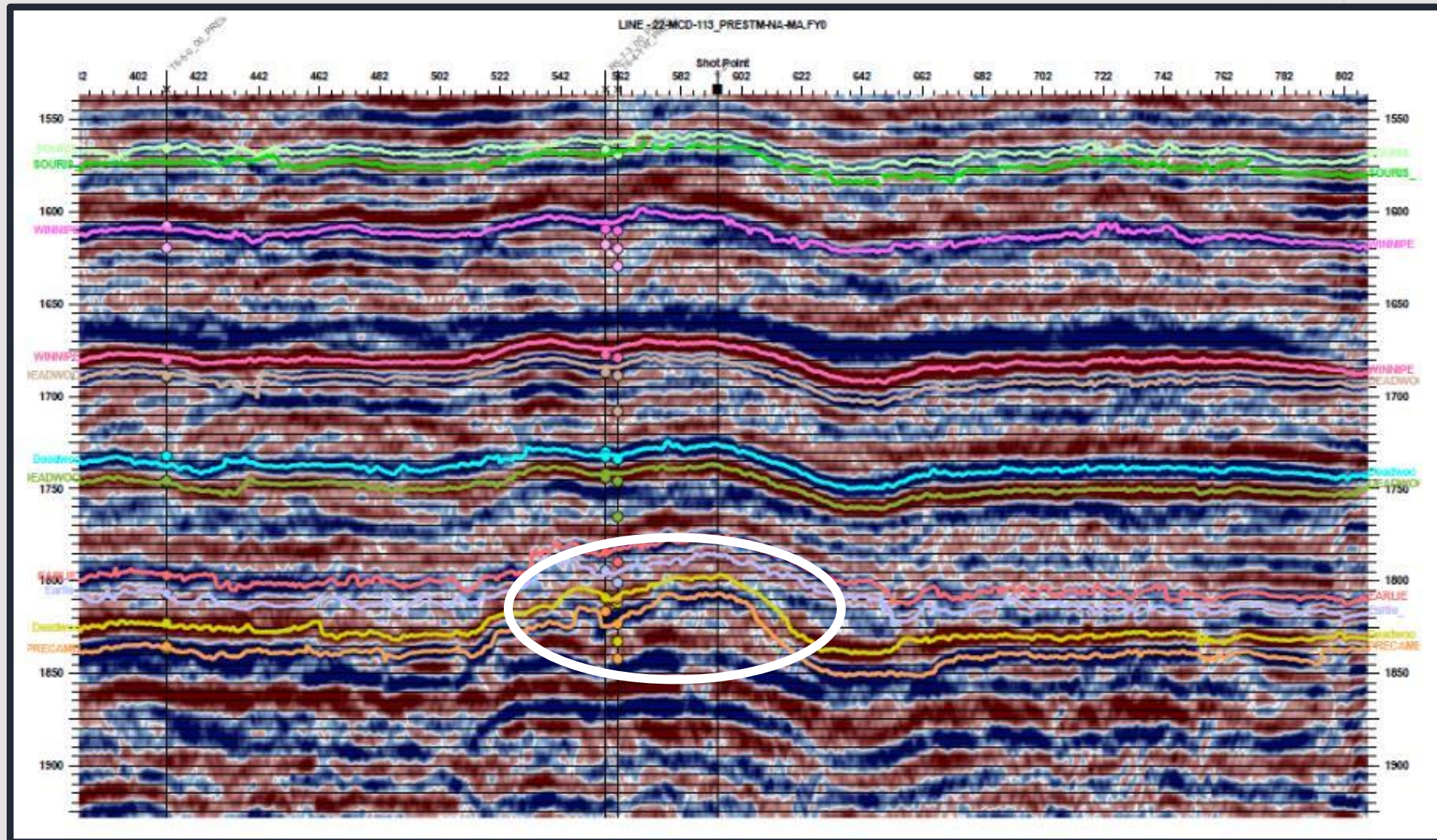


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Canada



# Earlie Sandstone Structural Play



# An Experienced Team



Extensive resource development expertise with a history of success in Saskatchewan

## MANAGEMENT

### Greg Robb, Co-Founder

President, Chief Executive Officer, and Director

Geologist with over 35 years of experience across all facets of Western Canadian energy resource activity including exploration and development, A&D and reserve valuations.

### Patrick Mills, P. Eng, Co-Founder

Chief Operating Officer

Over 35 years of executive, managerial, and engineering & operational experience in the Western Canadian Sedimentary Basin.

### John Kanderka, Co-Founder

VP, Land & Corporate Development

Over 40 years in the energy and mineral sectors as both an officer and director of private and public entities.

### Kristi Kunec, CPA(CA)

Chief Financial Officer

Over 20 years of experience as Controller & CFO for various growing public and private resource companies.

## BOARD OF DIRECTORS

### James P. Baker, Co-Founder

Chairman & Independent Director

Over 40 years of resource development experience in Saskatchewan and Alberta in field operations, consulting, executive level and board positions.

### Michael Graham

Independent Director

Independent businessman with over 35 years of energy and resource development experience, former Executive Vice President of *EnCana Corporation* and as President of the Canadian division of the company.

### Jeff Barber, CFA

Director

Seasoned investment professional who co-founded a boutique M&A advisory firm in Calgary and was an investment banker prior thereto.

### Brad Wall

Independent Director

Former **Premier of Saskatchewan**, leading the province through record population and economic growth, export expansion, infrastructure investment, and securing a AAA credit rating.

### Philip Hughes, CPA(CA)

Independent Director

Over 35 years of Canadian energy experience serving as President and CEO of five energy companies across Canada. Currently Chairman of *Oceanic Wind Energy Group* and *Kineticor Resources Inc.*

### Heather Isidoro, P.Eng., MBA

Independent Director

Over 20 years of experience in the energy industry, bringing a broad range of experience with specialization in A&D, reserves valuations, and financial modeling.





## Developing Canada's Helium Resources

### Corporate Presentation

May 2024

### Contact

[HEVInfo@5qir.com](mailto:HEVInfo@5qir.com)

TSXV : **HEVI**