



**DESERT MOUNTAIN
ENERGY CORP.**

DESERT MOUNTAIN ENERGY CORP.

VERTICALLY INTEGRATED HELIUM AND NATURAL GAS PRODUCER

**77,000 ACRES OF LAND IN NEW MEXICO
+ 100,000 ACRES OF LAND IN ARIZONA**

www.desertmountainenergy.com



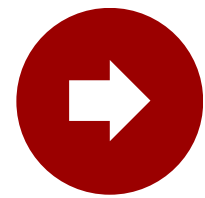
FORWARD-LOOKING STATEMENTS

Statements in this presentation that are forward-looking statements are subject to various risks and uncertainties concerning the specific factors. Such forward-looking information represents management's best judgment based on information currently available. No forward-looking statement can be guaranteed and actual future results may vary materially. Desert Mountain Energy Corp. does not assume the obligation to update any forward-looking statement.



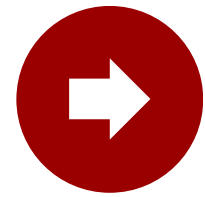
DESERT MOUNTAIN ENERGY CORP.

Vertically Intergrated Helium and Natural Gas Producer



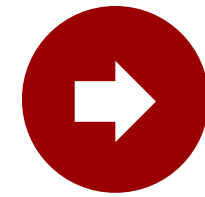
Helium and natural gas producer in New Mexico

Helium and natural gas production from the West Pecos Slope Abo Gas field in New Mexico



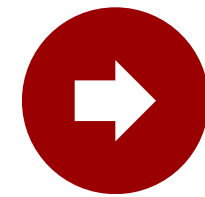
Exploration and development in Arizona

The exploration and development of helium, hydrogen and noble gas properties in Northeastern Arizona

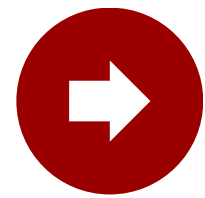


Experienced technical team

World-class technical team with decades of experience in the exploration and development of helium, hydrocarbons and other minerals

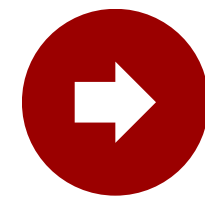


Excellent access to capital markets



The Company has more value in place than ever before

Now trading on TSX Venture Exchange under the ticker symbol "DME.V". Also trades on the U.S. OTCQX as "DMEHF" and Frankfurt as "QM01"



ESG-focused corporate values

A corporate philosophy that respects the environment, the community and education



ABOUT DESERT MOUNTAIN ENERGY CORP.

- 77,000 acres of land with 188 producing gas wells and over 50 miles of gas collection system near Roswell, New Mexico
- +100,000 acres of mineral leases, four helium fields and 8 helium wells in the Holbrook Basin, Northeastern Arizona
- Successfully drilled 5 wildcat helium wells and 3 offsets in Arizona
- Commercial helium sales commencing in 2025
- Generating revenue from drilling investments and gas sales
- Focused on increasing gas volumes through field optimization in New Mexico
- Desert Mountain Energy was selected for the 2023 OTCQX Best 50 and the TSXV Best 50



MANAGEMENT TEAM

Valorie Farley, CPA & CFO, has experience in power generation and distribution, natural resources, regulatory and financial reporting, audits and real estate development.

Eric Witt, Drilling Operations Manager, was previously the drilling engineer for Conoco Philips and Marathon Drilling.

Ched Wetz, Vice President of Risk Management, has served as the Director of Risk Management/Facility Ethics as well as Compliance Officer/Safety Officer at various hospitals, care centres and businesses. He has served in a distinguished manner on numerous boards, both for-profit and non-profit, and joint commissions on accreditation for state departments.

Dr. James Cronoble, VP of Exploration and Director, earned his B.S. in Geology from the University of Oklahoma followed by both his M.S. and PhD. in Geology from the Colorado School of Mines. He has more than forty years of exploration and operations experience in the Rocky Mountains and Mid-Continent of the United States.



Robert Rohlfing

CEO & Executive Chairman

A seasoned oil & gas industry operations executive with a strong geological background and over 25 years experience in formulating, conducting and managing successful exploration, drilling, development and production programs for oil & gas and minerals



Don Mosher

President & Director

Over 35 years of experience in corporate finance, business development, management and marketing. He has served on boards and management teams of many publicly traded companies, advising companies on marketing, financing and corporate strategies.



James Hayes

Vice President of Engineering

Over 14 years of experience in engineering design and with on-site field operations in Oklahoma, Texas, Colorado, North Dakota and Alaska.

BOARD OF DIRECTORS

Don Mosher, President and Director

Michael O'Shea, Chair of the Audit Committee & Director an accomplished professional with significant experience in senior audit and management roles. His career spanned +35 years initially articling with KPMG and the Ontario Provincial Auditor's Office, followed by senior audit positions at Enbridge and Gulf Canada.

Dr. James Cronoble, Vice President of Exploration & Director

Dr. Kelli Ward, Independent Director, has dedicated herself to medicine, business, public policy and politics for the past 25 years. In 2012, she ran and was elected for the Arizona State Senate. She is the former Chair of the Republican Party of Arizona.

Jenaya Rohlfing, Independent Director, is a Petroleum Engineer who has exhibited exceptional technical, leadership and organizational skills in all facets of drilling operations for oil & gas over the past 13 years in various management positions with ConocoPhillips. Currently, she is a Drilling Engineering Supervisor for ConocoPhillips', Permian Basin.

Weldon Stout, Independent Director, recently retired from his position after serving for eight years as a District Court Judge in Oklahoma. Prior to his appointment as a judge, his private practice focused on business, estate planning and Federal Court litigation. He served as both Assistant District Attorney following as Chief Prosecutor.



Robert Rohlfing

CEO & Executive Chairman

A seasoned oil & gas industry operations executive with a strong geological background and over 25 years experience in formulating, conducting and managing successful exploration, drilling, development and production programs for oil & gas and minerals

CAPITAL STRUCTURE

Outstanding shares	90,258,109
Options	8,395,918
Tradeable Warrants	11,845,000
Fully diluted	113,523,027

TSX Venture Exchange : DME

OTC : DMEHF

Frankfurt Exchange : QM01



THE WEST PECOS SLOPE ABO GAS FIELD IN NEW MEXICO

DME has successfully relocated and reassembled its processing facility, which is now commercially operational. **The company is currently distributing processed natural gas and refined helium.**



[CLICK HERE TO VIEW A FLYOVER OF THE WEST PECOS SLOPE ABO GAS FIELD](#)

THE DESERT MOUNTAIN ENERGY PROCESSING FACILITY

- Throughput is modified to meet specific raw gas mixes.
- The processing facility is powered by natural gas from the West Pecos Gas Field. However, it has the flexibility to be modified and operated using different energy sources, such as solar power.
- Gas production is achieved by commingling the natural gas wells in the West Pecos Gas Field, which contain varying grades of helium.
- The Company is focused on increasing volumes of raw gas with a combination of downhole solutions and adding compressors to the collection system, reducing bottlenecks and pigging the line to allow optimized gas flows.
- DME's helium processing facility can handle the co-production of helium and hydrogen gases.
- The helium processing facility has the capability to process helium with varying grades ranging from 0.03% to 11%.

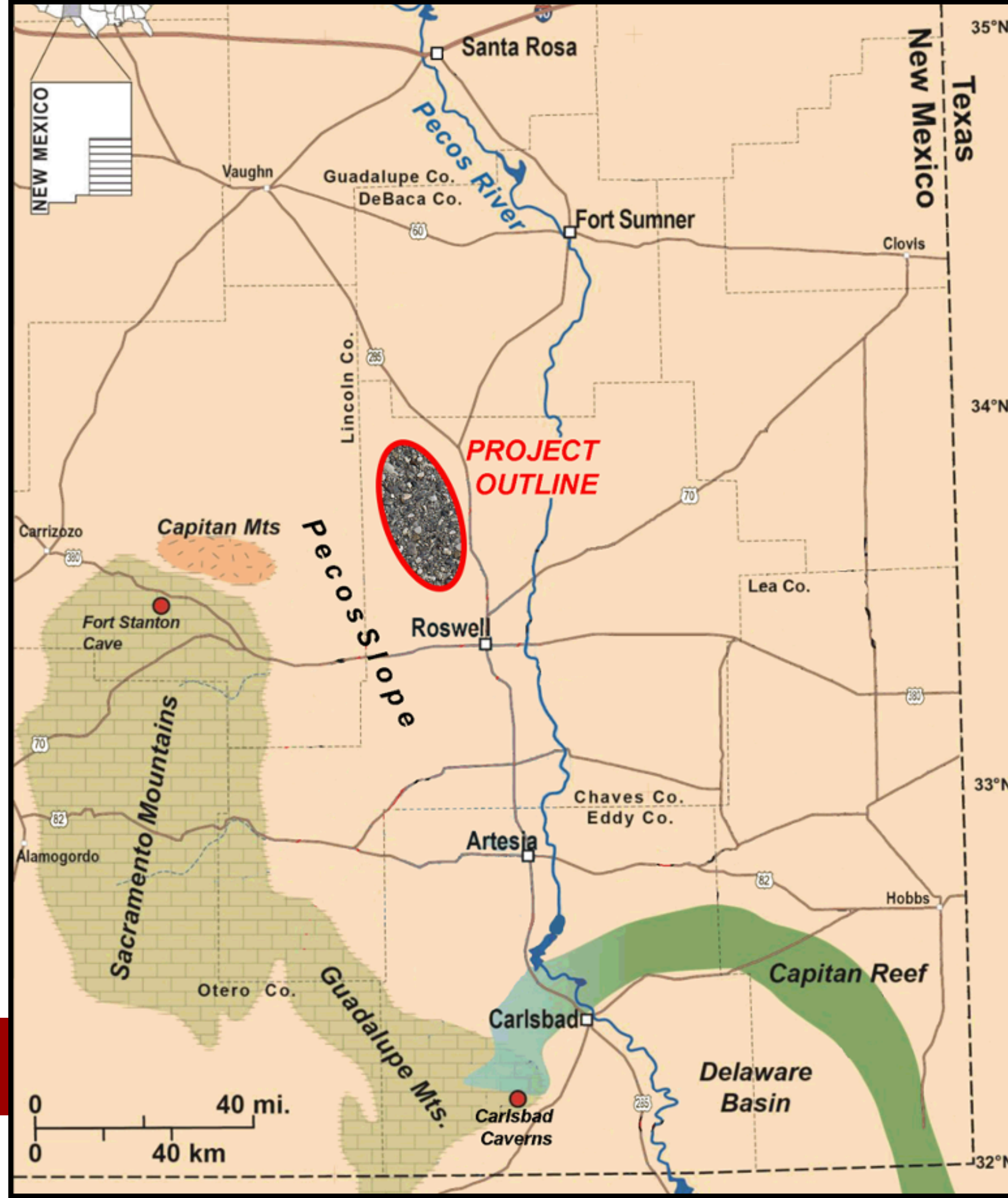


Internal view of 1 of the 4 modular housing units that house the helium processing facility

THE WEST PECOS SLOPE ABO GAS FIELD IN NEW MEXICO

The West Pecos Slope Abo Gas Field, located in the heart of New Mexico, is in close proximity to the historic town of Roswell, known for its intriguing alien activity.

New Mexico has a long-standing reputation as a leader in oil and natural gas production in the U.S., making it an ideal location for energy exploration and development. The thriving oil and natural gas sector in New Mexico provides seamless access to a wide range of services and supplies, resulting in significant cost savings and minimal wait times.

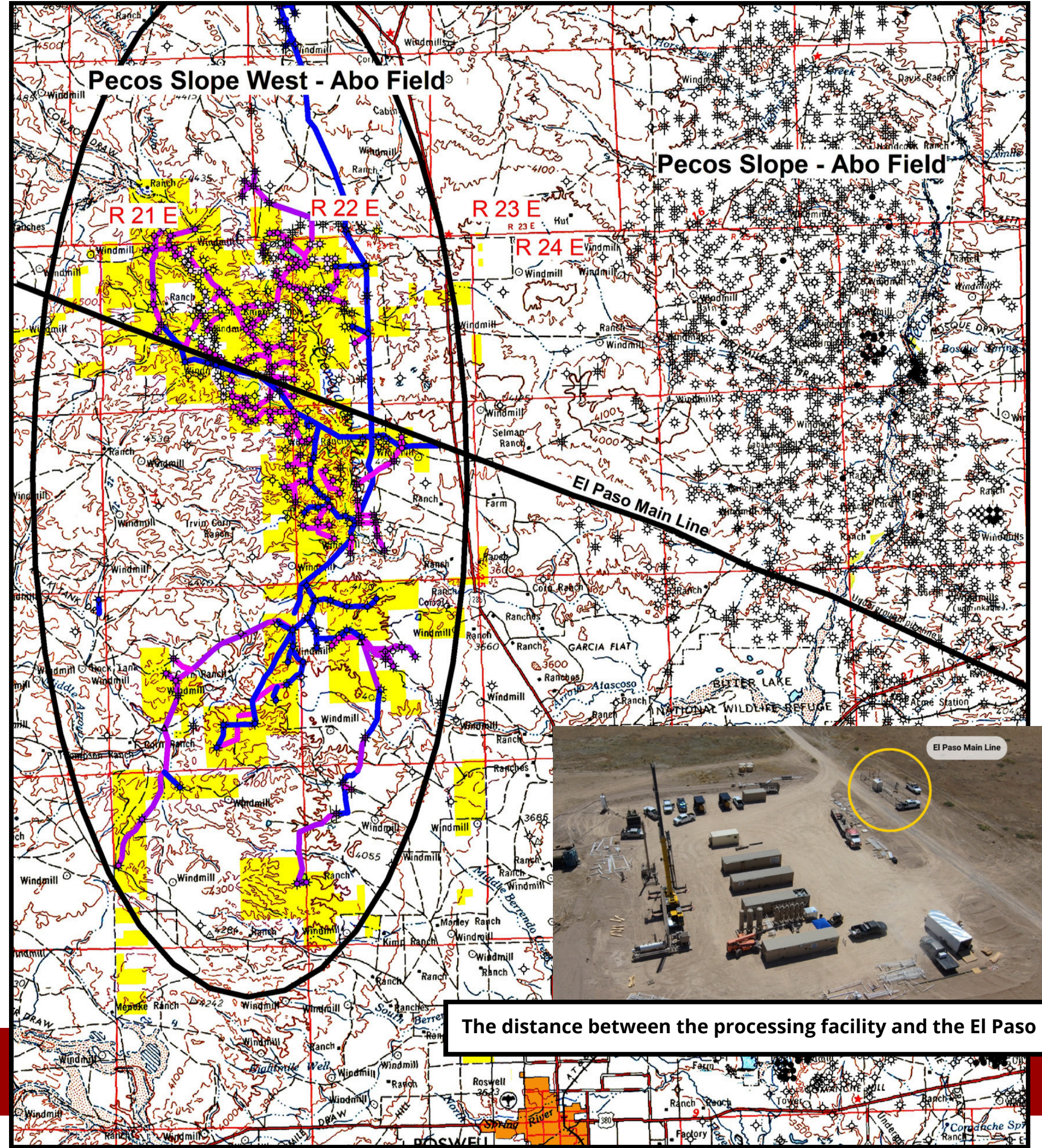


THE WEST PECOS SLOPE SLOPE ABO GAS FIELD IN NEW MEXICO

The West Pecos Slope Abo Gas Field encompasses a vast infrastructure, including 188 producing wells, over 50 miles of gas collection lines, and 77,000 acres of oil and gas leases. With the potential for future expansion, an additional 70-100 wells could be developed.

The primary source of revenue for the company will come from the sales of helium and natural gas. DME operates a vertically integrated business model. With a prime location less than 300 feet from the El Paso Main Line, stretching from California to Texas, our processing facility offers the unique advantage of direct sales to end users.

In addition, DME is studying the potential for perforating virgin pay zones downhole in the producing wells.



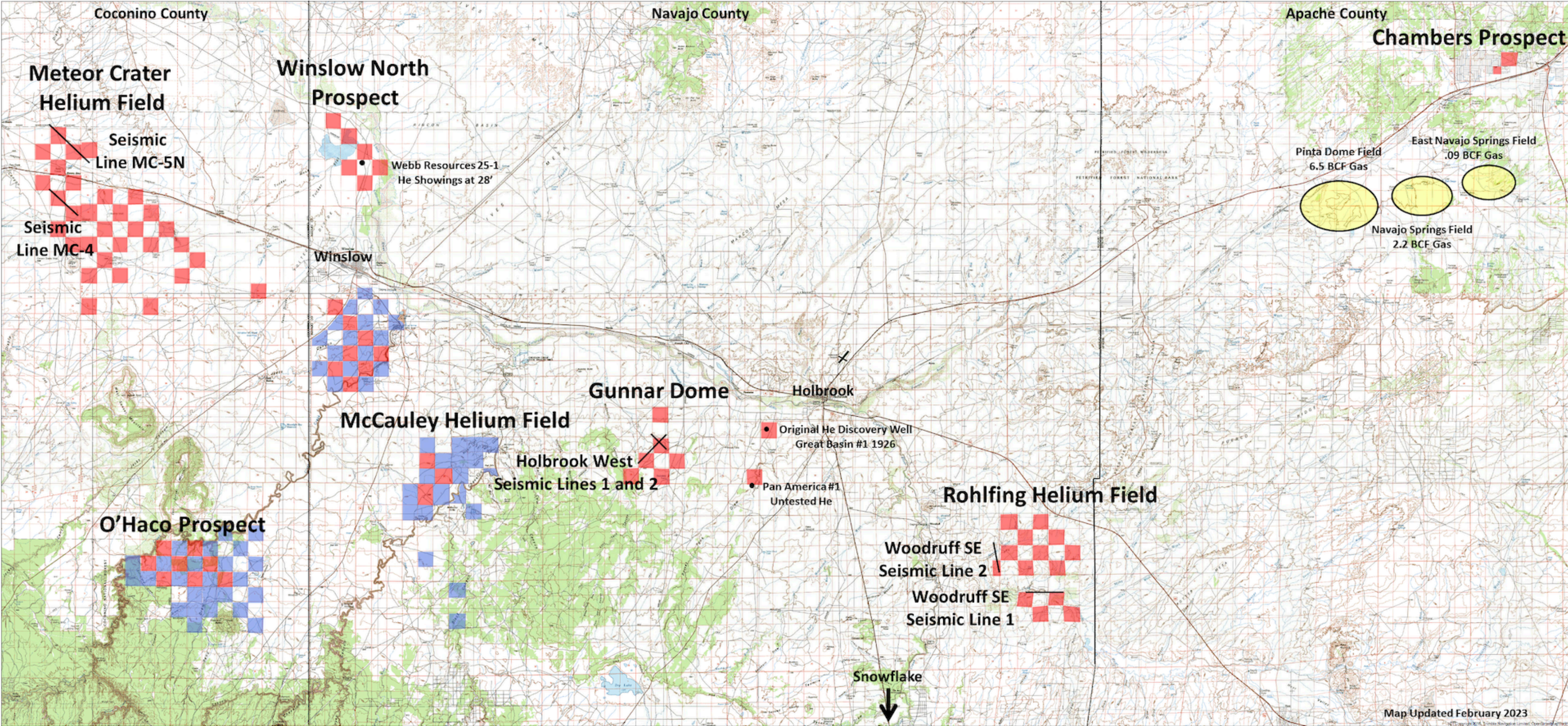
The distance between the processing facility and the El Paso Main Line


THE MCCAULEY HELIUM FIELD IN ARIZONA

DME holds mineral leases covering over 100,000 acres of state and private land. The company has drilled five wildcat wells, identifying multiple helium fields, along with three offset helium wells. Hydrogen was also discovered in the McCauley Helium Field. However, helium production at the McCauley Helium Field has been delayed due to permitting issues.



DME's Lease Holdings and 2-D Seismic Geophysical Lines, Holbrook Basin, Arizona






**DESERT MOUNTAIN
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DME ASLD Leases

DME Private Leases and Options

Historic Helium Gas Fields

Seismic Geophysical Lines



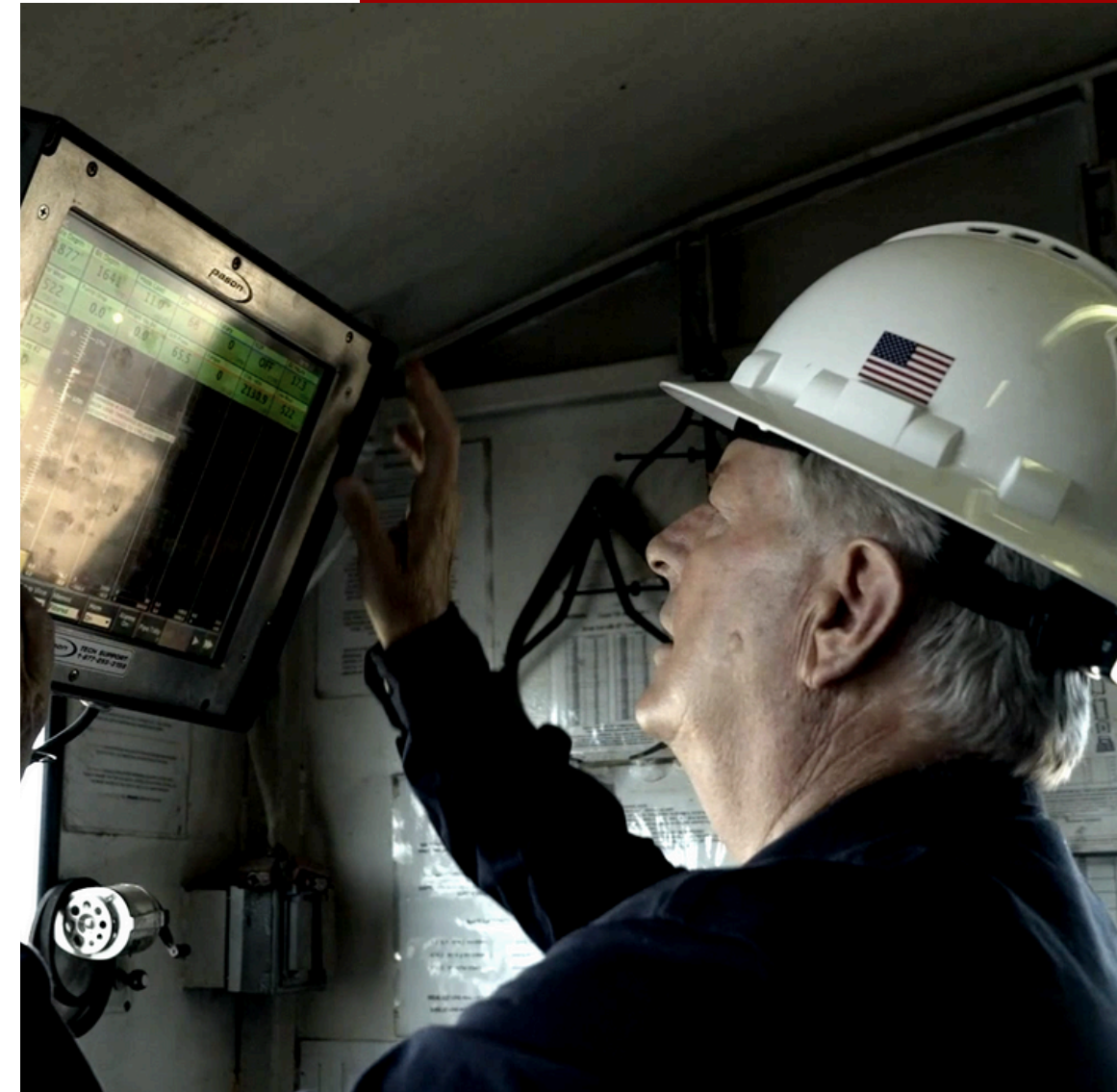


5 Miles

IN SUMMARY...

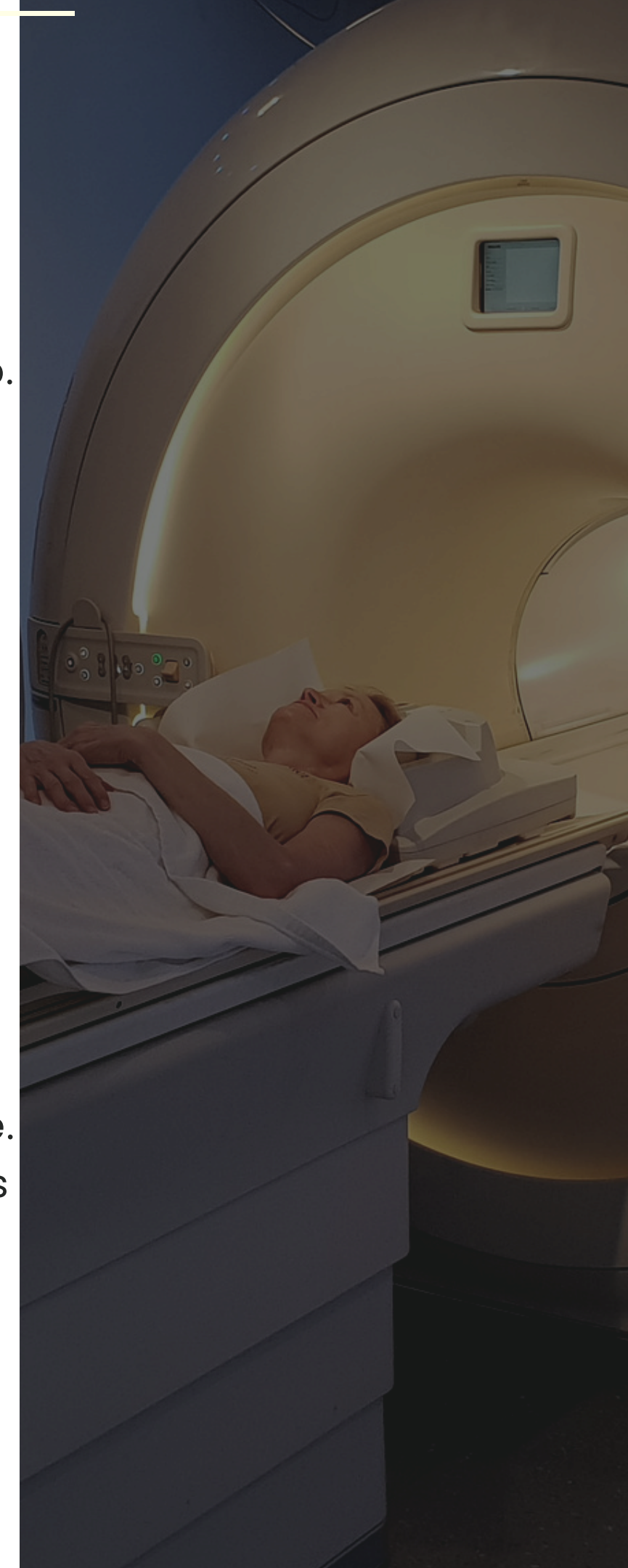
Vertically integrated helium and natural gas producer

- DME owns 77,000 acres of oil and gas leases in New Mexico with 188 producing gas wells and +50 miles of gas collection system.
- The Company plans to explore the possibility of drilling between 70 to 100 new wells in the West Pecos Gas Field.
- After processing the raw gas through the helium processing facility, revenue will be generated from helium and natural gas.
- DME is a vertically integrated company that sells its products directly to end users.
- The Company holds +100,000 acres of mineral claims in the state of Arizona.
- In Arizona, DME has successfully completed drilling operations for a total of 8 wells. These include 5 wildcat helium wells and 3 offset wells. As a result, DME has made significant discoveries, identifying multiple helium fields.
- DME intends to commence production on the Arizona wells once the necessary permits for stimulation work have been obtained.



WHAT IS HELIUM?

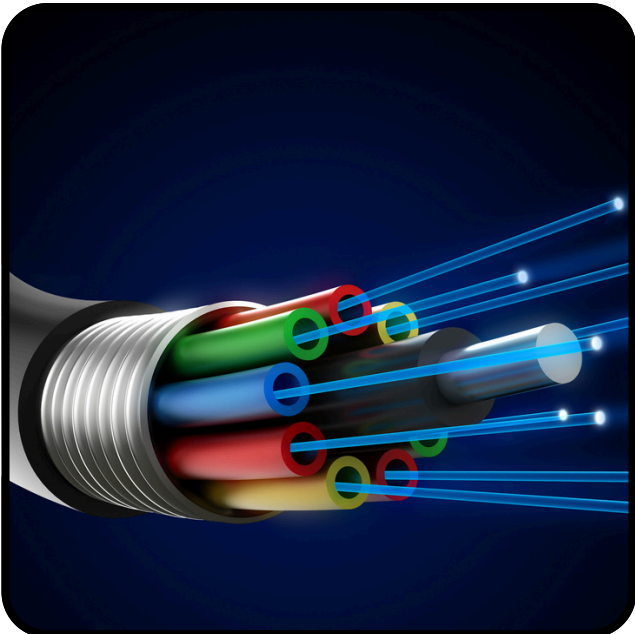
- An inert, monatomic gas that is non-flammable, colorless, odorless, tasteless, and has a boiling point of -452.07 f (-268.93 c), the lowest of any element on earth.
- The symbol is He and its atomic number is 2; part of the noble gas group.
- Prevalent throughout the universe but rare on earth.
- It's very small atom makes it extremely mobile, allowing it to penetrate most rocks and escape from earth's gravity, so trapping mechanisms are critical to retaining it in host rocks.
- Two sources on earth: (1) primordial, part of the original formation of the planet; (2) radioactive decay of uranium and thorium in the earth's crust.
- The isotope composition of He in Arizona is consistent with the preponderance of He arising from radioactive decay.
- Helium was historically found incidental to oil & gas exploration but exploration is now underway specifically for Helium.
- Helium is often found in wells associated with natural gas. In Holbrook Basin, it has generally been associated with nitrogen and carbon dioxide.
- After initial separation from other gases in the well, He is typically sold as raw Helium product grading 50-80% He; it is further processed into Grade A He.
- Typically shipped as a liquid to distribution centers in trucks and sold as bulk liquid He or gasified and compressed into tanks or small cylinders for delivery to end-users.



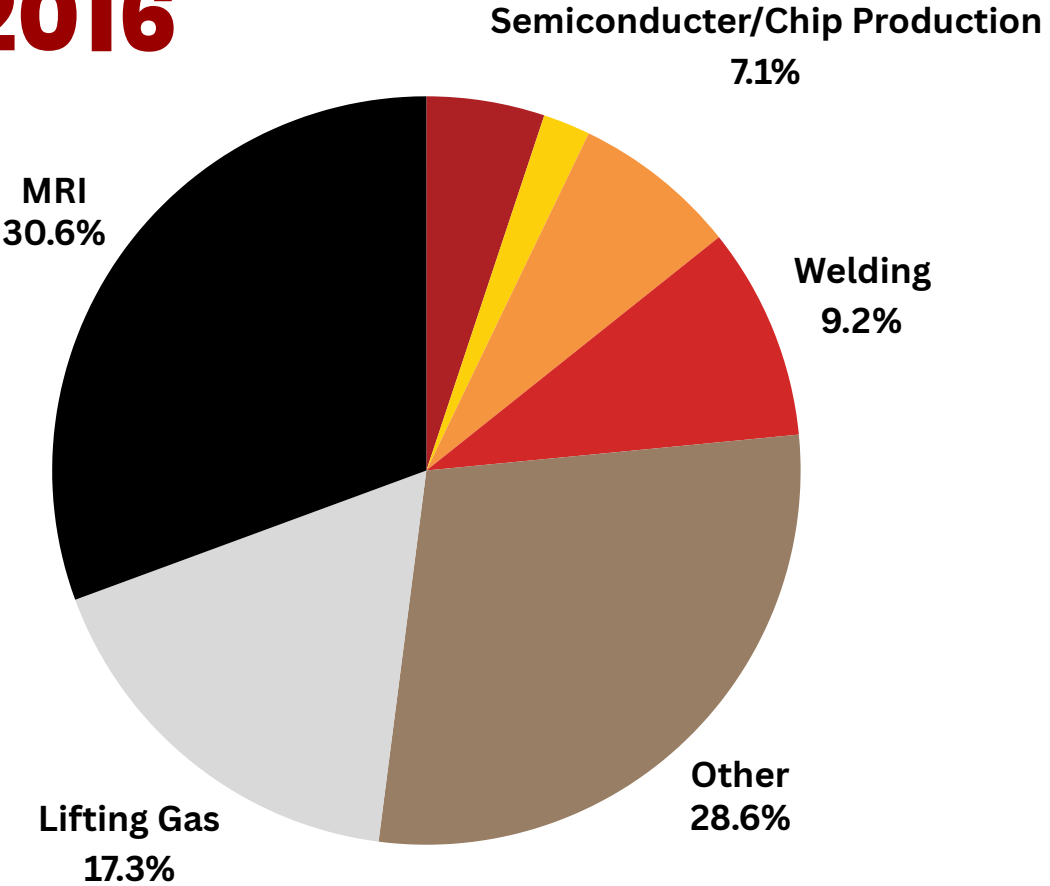
USES OF HELIUM: 2016 VS 2021

Helium has unique properties that cannot be satisfied with an alternative gas. Traditional uses remain, while the demand for helium has expanded with new high-tech applications, such as:

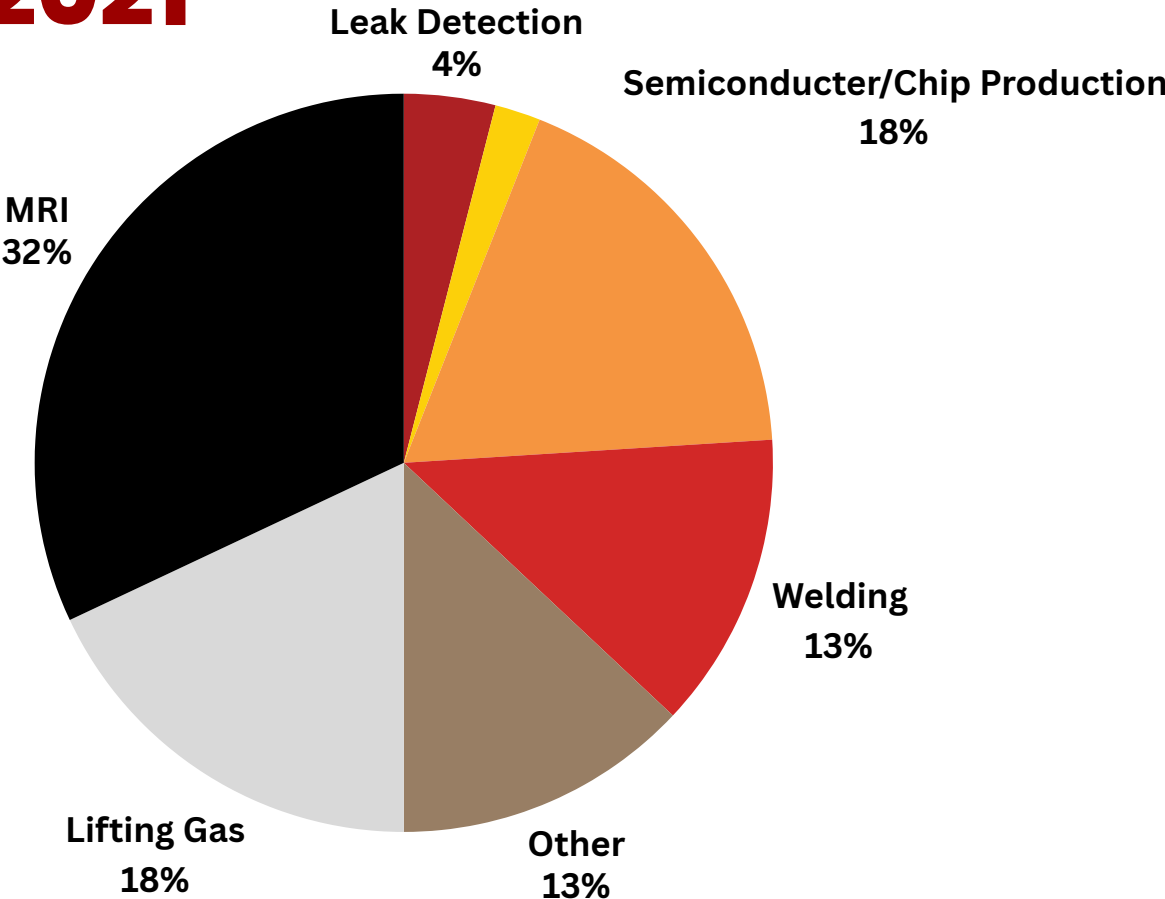
- The manufacturing of fibre optics
- Electric Vehicles; the liquid hard drives require helium due to energy efficiency and memory
- Space exploration; used to purge the rocket engines prior to take-off



2016



2021



A TIMELINE OF GLOBAL HELIUM SHORTAGES

2006–2007

Helium Shortage 1.0

Concluded when Qatar's inaugural helium plant achieved its maximum capacity, coupled with the 2008 economic downturn.

2011–2013

Helium Shortage 2.0

Came to an end, primarily due to the full operation of Qatar's second helium plant which was initiated towards the end of 2012.

2017–2020

Helium Shortage 3.0

The shortage began due to an economic and political embargo on Qatar and reduced production but ended as the COVID-19 pandemic lowered economic activity and helium demand.

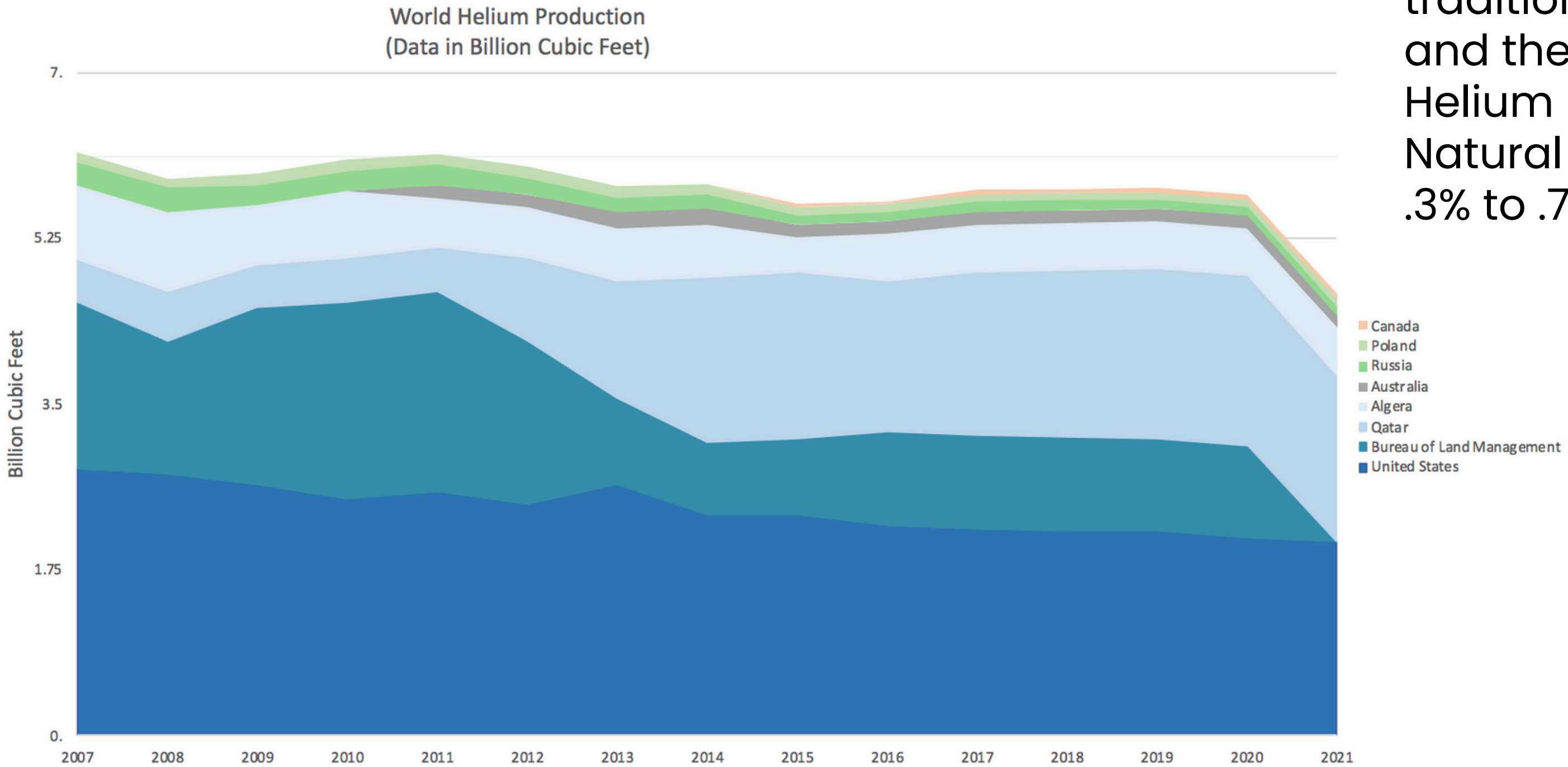
2022–????

Helium Shortage 4.0

The helium shortage began in early 2022 due to explosions at the Amur GPP, causing market uncertainty and higher sourcing costs

2017 ESTIMATED DOMESTIC HELIUM CONSUMPTION AND USAGE BY APPLICATION

As a result of low gas prices over the last decade, development in traditional gas fields has declined, resulting in less traditional gas production and therefore less helium. Helium is a by-product in Natural Gas, with grades of .3% to .7%



NATURAL GAS GROSS WITHDRAWALS AND PRODUCTION

[Download Series History](#)
[Definitions, Sources & Notes](#)

Show Data By: <input checked="" type="radio"/> Data Series <input type="radio"/> Area	<input type="button" value="Graph"/> <input type="button" value="Clear"/>	2017	2018	2019	2020	2021	2022	View History
Gross Withdrawals	<input type="checkbox"/>	33,292,113	37,325,539	40,780,210	40,613,767	41,666,118	43,384,575	1936-2022
From Gas Wells	<input type="checkbox"/>	6,161,420	7,864,063	7,433,288	6,749,352	6,346,420		1967-2021
From Oil Wells	<input type="checkbox"/>	6,217,438	4,503,499	4,603,548	4,611,984	4,555,008		1967-2021
From Shale Gas Wells	<input type="checkbox"/>	19,927,602	23,977,248	27,840,830	28,431,290	30,000,232		2007-2021
From Coalbed Wells	<input type="checkbox"/>	985,653	980,730	902,544	821,141	764,458		2002-2021
Repressuring	<input type="checkbox"/>	3,538,733	3,587,368	3,521,924	3,716,990	3,721,408		1936-2021
Vented and Flared	<input type="checkbox"/>	255,488	470,601	539,480	419,723	286,668		1936-2021
Nonhydrocarbon Gases Removed	<input type="checkbox"/>	260,066	258,703	271,889	274,607	329,664		1973-2021
Marketed Production	<input type="checkbox"/>	29,237,825	33,008,867	36,446,918	36,202,446	37,328,378	38,936,202	1900-2022
NGPL Production, Gaseous Equivalent	<input type="checkbox"/>	1,897,242	2,234,593	2,547,897	2,709,697	2,810,580	3,120,069	1930-2022
Dry Production	<input type="checkbox"/>	27,340,583	30,774,274	33,899,021	33,492,749	34,517,798	35,816,133	1930-2022

- Traditional Natural Gas production has declined to 6.346 TC/year
- Shale gas production over the same period has increased from 19.9 TCF/year to 30 mill TCF/year
- No helium is extracted from shales but it has created low gas prices for over a decade



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