



DESERT MOUNTAIN
ENERGY

DESERT MOUNTAIN ENERGY CORP.

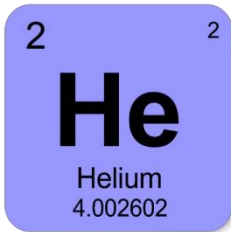
TSX.V: DME • U.S. OTC: DMEHF • FRANKFURT: QM01



DESERT MOUNTAIN
ENERGY

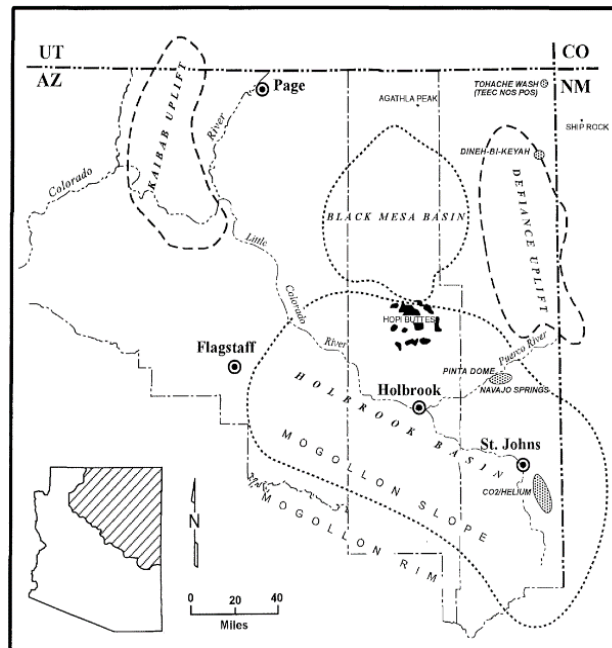
HELIOPOLIS

Exploration and Development of Helium,
Oil & Gas in Arizona's Prolific Holbrook Basin



The **Heliopolis Project** comprises 65,911 acres of key Helium prospects under lease with additional leases pending. Located in prolific Holbrook Basin in Northern Arizona, widely considered to be the world's best address for Helium and aptly referred to as **"The Saudi Arabia of Helium"**.

DESERT MOUNTAIN ENERGY CORP is an early mover among junior explorers in the He space and is well positioned to participate in future growth of He in our high-tech economy.



Two of the world's richest historic producing helium gas fields, the Pinta Dome and Navajo Springs, are situated in this region.

Historic production of 9.23 Billion Cubic Feet (Bcf) with exceptionally high grades of helium gas produced, ranging **8%-10%**, versus the industry benchmark of 0.3% to 1% for commercial grade.

EXPLORATION PROGRAM

Preliminary targeting work in the Holbrook Basin has now been completed, including mapping, geological studies and 2-D seismic. Three shallow, vertical helium wells are planned to be drilled in different areas of the Basin commencing Q1 of 2020.

Helium plays a critical role in the manufacture of high capacity hard drives, barcode readers, computer chips, semiconductors, LCD panels and fiber optic cable; as a refrigerant in cryogenics research; and as a coolant for nuclear reactors, MRI machines and space vehicles.

Electronics and Computers

- Helium has now emerged as the "high tech rare gas" of today's economy. By replacing the air in a hard drive with helium (a gas that is seven times less dense than air) the disks inside create less turbulence when they spin, meaning more discs can be packed into less space and use less power.
- Six terabyte hard drives are 23 per cent more power efficient and offer 50 per cent more capacity than regular drives.



Healthcare / MRI

- An MRI machine works by creating an incredibly powerful magnetic field that allows us to map the human body. Such a powerful magnetic field is created by using something called superconductors.
- A superconducting magnet exhibits interesting quantum properties--as long as you keep the magnet temperature to near absolute zero, it will never lose any of its magnetic potential. Liquid helium is used to keep the superconducting magnets cool in an MRI machine.



Space and Research Applications

- The same concept is utilized in the Large Hadron Super Collider to accelerate particles to near the speed of light.
- Helium is also critical to the space industry, used in fuel tanks to launch re-usable rockets for satellites and space exploration.
- It is also used as a gas to breathe in deep-sea diving and to keep satellite instruments cool.

