A number of resource extraction companies are secure oil and gas leases in the Holbrook Basin to explore for helium as well as secondary oil and gas deposits. The major operators include:

**Ranger Development**
A Texas-based company, Ranger current operates seven helium wells in AZ and has received approval from AZ OGCC for a dozen more. Ranger additionally has agreements with Navajo Nation. Ranger has stated in permit applications that they plan to operate more than 80 wells in the basin when at full capacity.

**Rare Earth Exploration**
A Texas-based company, they have leased 1,877 acres on federal lands and 2,433 acres on state lands in and around petrified national forest where they are presently working with the Park Service to obtain permits to commence drilling. They are also in the process of purchasing a helium separation and storage facility in the area.

**Desert Mountain Energy**
A Vancouver-based company, it has as acquired some 36,702 acres of state land for helium development in only the past three months. They have called their operation the “Heliopolis Project,” a reference to the ancient Egyptian city where residents worshiped Amon-Ra, the sun god. Desert Mountain Energy anticipates drilling at least 50 wells on their current land holdings.

**American Helium / Holbrook Basin Energy**
A Vancouver-based company that already operates helium wells on 17,767 acres of BLM land in Carbon County, Utah (as well as securing 48,000 acres of BLM land in Utah in September 2018), American Helium recently established a partnership with Holbrook Basin Energy to explore for helium in AZ.

**Blackstone Exploration Company**
A Holbrook AZ based company, Blackstone claims to have as much as 400,000 acres leased for helium across Coconino and Navajo counties and has received five permits from AZ OGCC for exploratory wells.

**Arizona Energy Partners**
In partnership with Scottsdale, AZ, based PetroSun, the company has secured leases for at least 4,000 acres to recover what it estimates to be 2.29 billion cubic feet of helium. Their website claims their total lease holdings between the two partners totals some 213,000 acres and long-term plans are to explore deeper into Devonian shale formation for oil and gas.
The Civic Science for Environmental Futures Collaborative is a research group based in the School for the Future of Innovation in Society (SFIS) at Arizona State University (ASU) working to make sense of complex environmental issues.

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