

ASX ANNOUNCEMENT

23 September 2022

JXSN#4 EXPLORATION WELL SPUD GALACTICA/PEGASUS

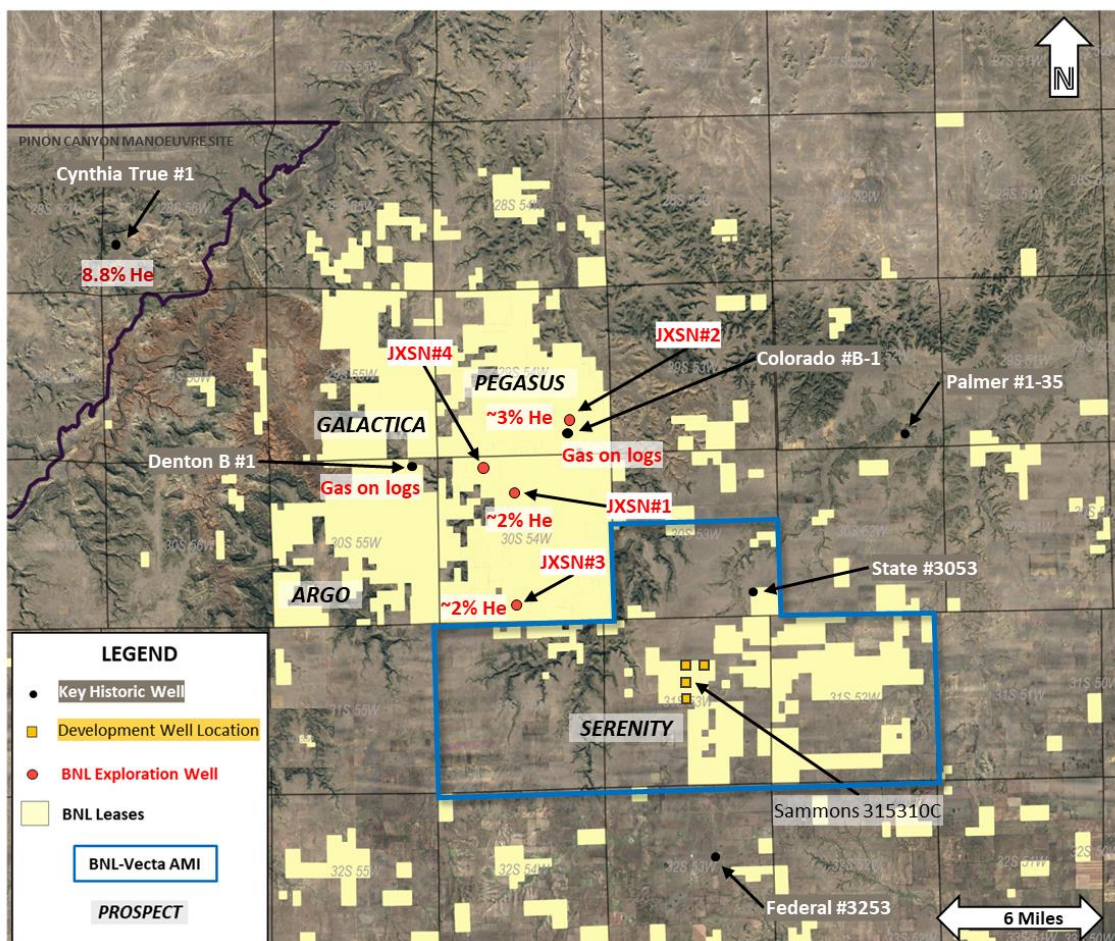
Blue Star Helium Limited (ASX:BNL) (Blue Star or the Company) provides an update on the JXSN#4 exploration well (100% Blue Star) currently being drilled on the Galactica prospect in Las Animas County, Colorado.

The well spud on 21 September in the US and is currently at a depth of 582 feet where casing will be set above the Lyons formation.

Three previous exploration wells JXSN#1, JXSN#2 and JXSN#3 discovered significant helium bearing gas columns of up to 230 feet containing up to 3.14% helium. These wells also proved the Company's previous interpretations of gas on logs at historic wells Denton B #1 and Colorado #B-1 also located on the Galactica/Pegasus structure.

JXSN#4 is located approximately 1.7 miles to the northwest of the JXSN#1 discovery well. It is a step out well designed to test the structural and stratigraphic prospectivity to the northwest of the gas discovered at JXSN#1.

The forward plan for the well is to stratigraphically locate the top of the upper Lyons sand in this undrilled part of the structure and evaluate the reservoir.



This ASX Announcement has been authorised for release by the Board of Blue Star Helium Limited.

For further information, please contact:

Trent Spry
Managing Director & CEO
info@bluestarhelium.com
+61 8 9481 0389

About Blue Star Helium:

Blue Star Helium Ltd (ASX:BNL) is an independent helium exploration and production company, headquartered in Australia, with operations and exploration in North America. Blue Star's strategy is to find and develop new supplies of low cost, high grade helium in North America. For further information please visit the Company's website at www.bluestarhelium.com

About Helium:

Helium is a unique industrial gas that exhibits characteristics both of a bulk, commodity gas and of a high value specialty gas and is considered a "high tech" strategic element. Due to its unique chemical and physical qualities, helium is a vital element in the manufacture of MRIs and semiconductors and is critical for fibre optic cable manufacturing, hard disc manufacture and cooling, space exploration, rocketry, lifting and high-level science. There is no way of manufacturing helium artificially and most of the world's reserves have been derived as a by-product of the extraction of natural hydrocarbon gas.

About wells:

JXSN#4 has been permitted by a rancher as a water well. Water wells are drilled by a contractor pursuant to a drilling contract between the contractor and the rancher. Neither the Company nor its subsidiaries are a party to this contract. The well is the property of the rancher and the Blue Star group does not have an economic interest in it. The Company will agree to fund water wells if the rancher selects a location that may be of interest to the Company, the Company has leased the underlying minerals and the rancher agrees to let the Company obtain any available data from the drilling program. Water wells are drilled for the purpose of producing water for use by the rancher. Water wells may not produce helium and may not be converted into producing helium wells.