

ASX ANNOUNCEMENT

1 August 2022

HELIUM WELL PERMITTING UPDATE

GALACTICA/PEGASUS

Highlights

- Two new Oil and Gas Development Plan applications filed with COGCC in respect 7 new helium well locations at Galactica/Pegasus.
- Initial four helium well locations at Galactica/Pegasus set for approval hearing later this month.
- Total of 11 Galactica/Pegasus well location applications currently with COGCC
- Wells located to deliver rapid follow up appraisal and development of the helium discoveries (up to 3.14% helium) at Galactica/Pegasus.

Blue Star Helium Limited (ASX:BNL, OTCQB:BSNLF) (**Blue Star** or the **Company**) provides an update on the progress of its key helium well permitting activities in Las Animas County, Colorado.

Blue Star has submitted applications in respect of two additional oil and gas development plans (**OGDPs**) located at its Galactica/Pegasus prospects.

The plans are:

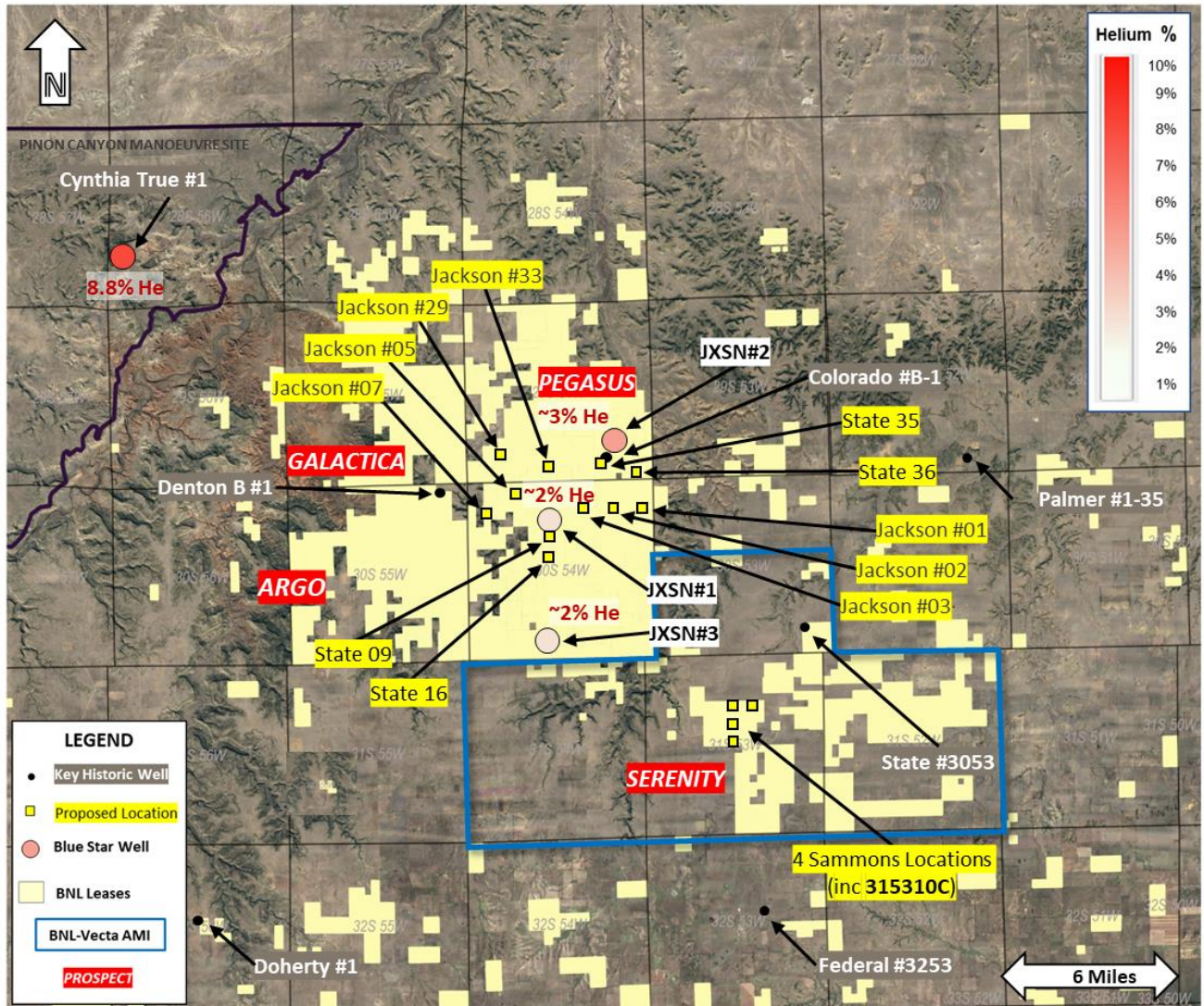
- Galactica-Pegasus OGDP II in respect of 3 proposed wells; and
- Galactica-Pegasus OGDP III in respect of 4 proposed wells.

These applications together with the existing applications at Galactica/Pegasus mean Blue Star currently has applications relating to a total of 11 helium wells under consideration by COGCC.

The Company expects to submit a further two OGDPs in the coming weeks.

The wells are targeting production from the Lyons formation following the discoveries at the recently drilled JXSN wells (shown on the figure below) which also confirmed Blue Star's gas on log interpretations at both historic wells Denton B #1 and Colorado #B-1 extending and proving gas over a large structural area predominantly leased by the Company.

The figure below depicts the Galactica/Pegasus/Serenity area and shows the State 9, 16, 35 and 36 well locations, the 4 Sammons well locations including the Sammons 315310C well which is the maiden well testing the Serenity prospect set to spud this week, and the 7 new Jackson well locations.



Helium Well Permitting Summary

The table below outlines the current status of Blue Star’s helium well permitting activities in Las Animas County. The principal progress has been made at Galactica/Pegasus, Voyager and Serenity.

Well Permitting Schedule								
Prospect	Location Selection	Survey	Permit Preparation	COGCC Review	COGCC Hearing	Form 2	Issued	Total
Enterprise	1	2	1				1	5
Galactica	4	8		3	2			17
Galileo			3					3
Pegasus		1	5	4	2			12
Serenity						3	1	4
Voyager	10		3	2				15
Total	15	11	12	9	4	3	2	56

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

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About Blue Star Helium:

Blue Star Helium Ltd (ASX:BNL OTCQB:BSNLF) 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.