

ASX ANNOUNCEMENT

3 July 2024

DEVELOPMENT WELL PERMITTING AND SCHEDULING UPDATE

GALACTICA PROJECT

Highlights

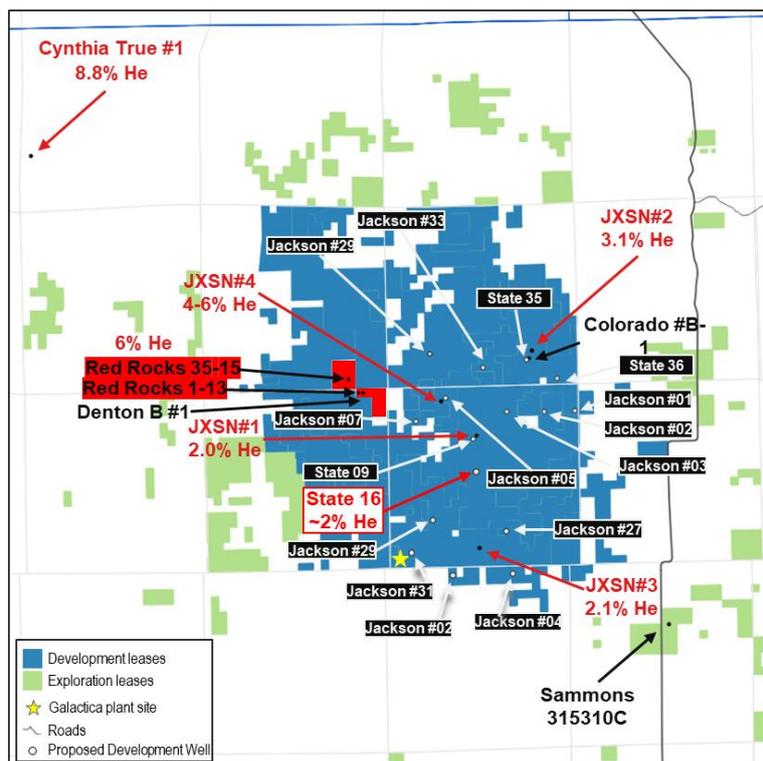
- Hearing for 5 new development well locations to be held on 4 September 2024.
- These wells expected to commence drilling in Q4 2024.
- Tie-in to production facilities also targeted for Q4 2024.

Blue Star Helium Limited (ASX:BNL, OTCQB:BSNLF) (**Blue Star** or the **Company**) is pleased to provide a status update on development well permitting at its Galactica helium project in Las Animas County, Colorado.

The Colorado Energy and Carbon Management Commission (**ECMC**) has advised that it will hear the application to approve Galactica Pegasus OGD P I on 4 September 2024. The OGD P I includes 5 new development well locations.

The Company will apply for final permits to drill these wells after the hearing. This final stage of the process is expected to take approximately 2 weeks based on our most recent experience. Accordingly, we expect to commence drilling these wells in Q4 of this year.

The 5 well locations and the associated facility are identified on the map below. These wells, together with State 16, are expected to form the initial gas gathering system into the Galactica helium production facility. The Company is targeting Q4 of this year for installation of the facility and tie in of wells.



Galactica/Pegasus Developments

The Galactica project is part of the greater Galactica/Pegasus development, discovered by Blue Star in 2022. The discovery wells are summarised below (see BNL ASX releases dated 7 June 2022, 29 September 2022, 5 October 2022 and 1 July 2024).

Table 1: Key results from recent Galactica/Pegasus State 16 and exploratory wells

Key parameters	JXSN#1	JXSN#2	JXSN#3	JXSN#4	State 16
Helium concentration (%)	1.98	3.14	2.14	4.20 & 6.06	1.90
Gas column in Lyons formation (ft)	217.5	101+	230	233.5	96+
Net pay in Lyons formation (ft)	143.5	101	153.4	133.5	96
Stabilized initial flow rate (Mcf/d)	412	202	412	125	285

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 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.