

## ASX ANNOUNCEMENT

19 September 2022

### SAMMONS 315310C WELL DRILLING UPDATE

Blue Star Helium Limited (ASX:BNL) (Blue Star or the Company) provides an update on the Sammons 315310C well currently being drilled by the Company's joint venture partner and AMI operator, Vecta Oil & Gas Ltd, on the Serenity prospect in Las Animas County, Colorado.

Vecta has advised the Company that the lower Lyons sand was penetrated at 1,308 feet and that 15 feet of the sand was drilled. The drilled section was completely gas filled with no water being encountered during drilling. Initial flow testing was conducted with gas rates of around 115 mcf/d through a  $\frac{3}{4}$  inch orifice, no water was encountered during testing. Based on offset wells there is approximately 40 feet of high-quality lower Lyons sand in addition to the 15 feet penetrated. The wells current total depth is 1,323 feet.

The forward plan is to conduct a three day flow test followed by a two day shut in and pressure survey. During testing gas samples will be collected for compositional analysis.

Early next week in the US, the rig will move to a new exploration location on the Galactica/Pegasus prospect. The new well, JXSN#4, will be located approximately 1.7 miles to the northwest of the JXSN#1 discovery well. It is a step out well designed to test the extent of the gas discovered at JXSN#1.

Vecta has advised that further activity at Sammons 315210C will be undertaken with a workover rig.

The Sammons 315310C well is one of four (4) approved helium wells located in the AMI agreed between Blue Star (50%, non-operated interest), Prospero Oil and Gas LLC (25%, non-operated interest) and Vecta Oil & Gas Ltd (25% operating interest) (refer BNL ASX release dated 22 December 2021).

*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) 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](http://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.