



# BIG STAR ENERGY

## ASX ANNOUNCEMENT

11 September 2019

### CLARIFICATION UPDATE

**Big Star Energy Ltd (“Big Star” or the “Company”) (ASX:BNL)** provides this update to clarify its recent announcements.

- Big Star’s helium strategy is to identify and acquire helium opportunities in the USA
- We have developed a proprietary regional geological model by evaluating and integrating historical and new data
- This geological model has identified 30 prospective structures which are prospects and leads (as defined in the SPE Petroleum Resources Management System) and we have named one of the prospective prospects and leads “Enterprise”
- The objective of the soil gas survey was to refine the prospectivity ranking of the prospects and leads in order to focus our leasing acquisition programme
  - To that end, the Company sampled in public open spaces where it was unnecessary to obtain land-owner consents which enabled it to complete the survey quickly and minimise the risk of competition for acreage in the area. This did not compromise the technical objectives of the survey
- The survey identified helium anomalies at surface over a number of the prospects and leads including areas within the Enterprise prospect (our initial lease position is a part of the Enterprise prospect as announced on 22 August 2019).
- Following the soil gas survey (as announced on 3 September 2019), we have confirmed Enterprise as prospective for helium supporting the expansion of our leasing position there. We have also confirmed the prospectivity at and prioritised several other prospects and leads upon which to commence targeted leasing in the short term
- At this stage, we have acquired leases over part of the Enterprise Prospect (circa 1800 gross acres). The lease programme is on-going at Enterprise and the other prioritised prospects and leads including some of the public lands upon which the soil samples were taken (noting that helium under public open space in the US may be leased and produced)

Big Star Managing Director, Joanne Kendrick commented “We have used a common practice industry approach to regional studies ahead of designing our leasing strategy. We have made a good start on leasing but the next few months will be important as we seek to

assemble a large acreage position. We will conduct prospect and lease specific soil gas sampling surveys prior to selecting drilling locations.”

**For further information, please contact:**

Joanne Kendrick  
Managing Director  
[info@bigstarenergy.com.au](mailto:info@bigstarenergy.com.au)

**About Big Star:**

Big Star Energy Ltd (ASX:BNL) is an independent oil and gas exploration and production company, headquartered in Australia, with operations and exploration in North America. Big Star’s strategy is to provide its shareholders with exposure to multiple high-value helium projects and conventional oil assets in North America. For further information, please visit the Company’s website at [www.bigstarenergy.com.au](http://www.bigstarenergy.com.au)

**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.