



BIG STAR ENERGY

ASX ANNOUNCEMENT

28 November 2019

SIGNIFICANT HELIUM ACREAGE ADDITION

- Additional 59,510 gross (14,877 net) acres leased across portfolio
- Total Big Star acreage now 86,614 gross (38,171 net) acres
- Exceeding year-end targets – Big Star lease position currently at 346% of gross and 254% of net acre targets.
- Significant new leasing over additional prospects, Yamato and Argo, as well as existing leased prospects.

Big Star Energy Ltd (“Big Star” or the “Company”) (ASX:BNL) is pleased to announce that it has leased a further 59,510 gross (14,877 net) acres across the Company’s prospect and lead portfolio in Colorado, USA.

Big Star Managing Director, Joanne Kendrick, commented *“It is extremely pleasing that our leasing program is gathering such momentum, with this material acquisition following on from the highly successful State auction last week. Big Star now has 86,614 gross acres in total, giving us an industry-significant lease position in this highly prospective helium area. I am delighted that we have exceeded our year-end targets by so much and so soon – currently our lease position sits at 346% and 254% of the gross and net targets respectively.*

“Importantly this new lease also covers 2 additional helium anomalies from our regional soil gas survey acquired earlier this year. We will continue to be guided by our regional soil gas survey and internal geologic model in consolidating our leasing position as we prepare to permit our 5-well drilling program early next year.”

The current leased acreage position over Big Star’s prospects and leads is described in Table 1 below.

Prospect Name	Gross Leased Acres	Net Leased Acres	Elevated Helium Readings from Soil Gas Samples
Enterprise	8,933	3,885	5
Voyager	1,289	442	No samples leased
Prometheus	7,368	3,106	1
Millennium	10,945	4,176	No samples leased
Falcon	4,625	3,198	2
Red Dwarf	3,927	3,444	No samples leased
Galactica	8,454	6,884	2
Serenity	7,029	4,044	No samples leased
Defiant	1,340	815	No samples leased
Yamato	8,390	2,098	No samples leased
Argo	961	240	No samples leased
Leads	23,354	5,838	1
Total	86,614	38,171	11

Table 1: Summary of Prospects & Leads with Leasing

The new lease is for an initial term of 5 years with an option to renew for a further 5 years. In the event that Big Star successfully produces helium or other products from the lease area, a 12.5% royalty will be payable to the lessor and the lease term will be extended indefinitely until production ceases. The lease does not include any minimum work commitments. The Company is the only working interest owner in the lease.

The Company has agreed to pay consideration of US\$75,000 to the lessor on completion of the acquisition of the lease. Completion is due on or before 1 April 2020 subject to customary due diligence.

Further details of the new lease and the gas survey samples are set out in Appendix A.

For further details in relation to oil and gas leases in the United States see the Company's announcement of 19 September 2019.

For further information, please contact:

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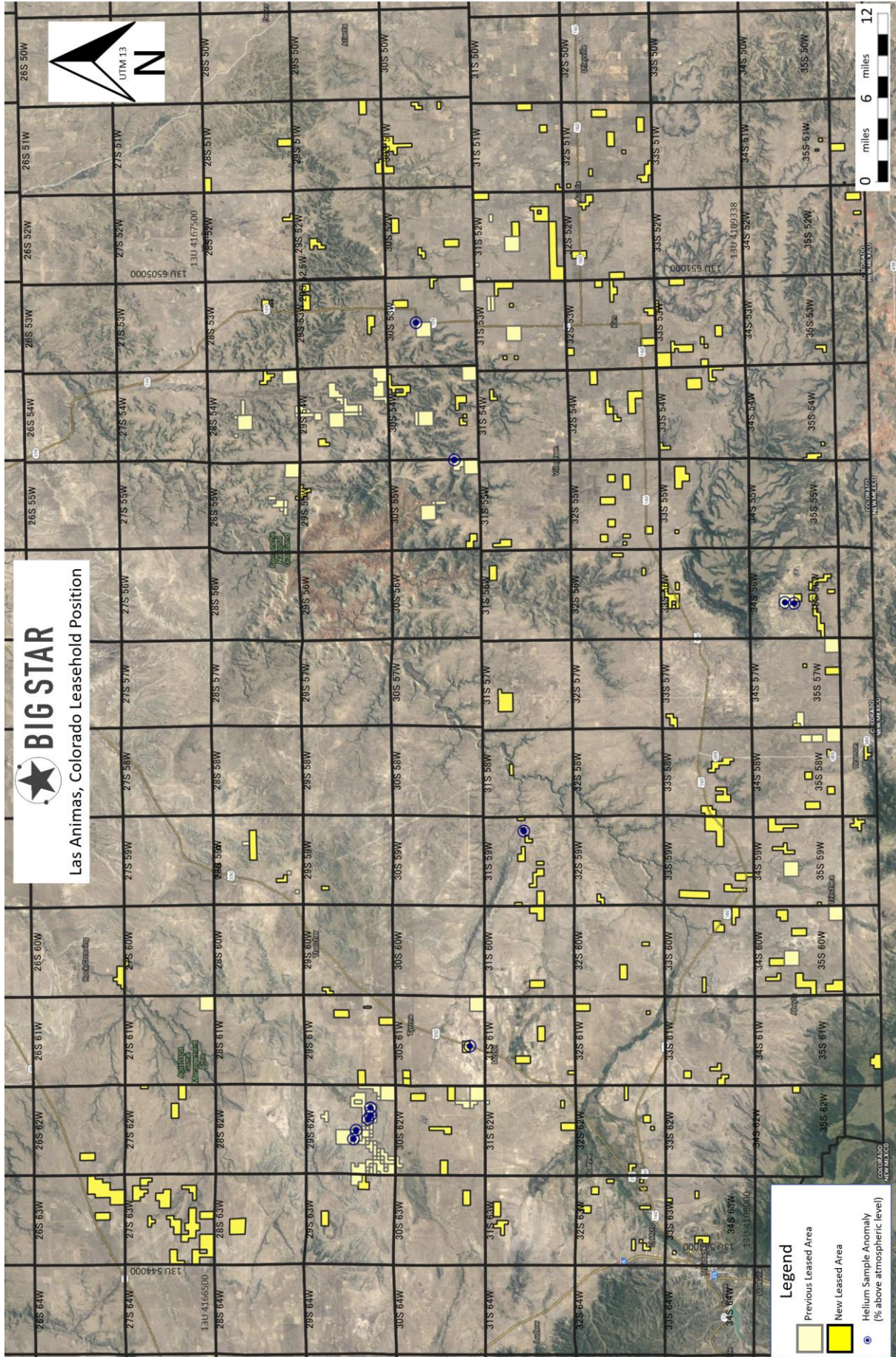
About Big Star:

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

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.

Appendix A: Current (pale yellow) and New (bright yellow) Leases



Soil Gas Survey Locations Captured by New Leasing			
UTM13 eastings (X) and northings (Y)		Helium Concentration (ppmv)	Helium Concentration (above atmospheric levels)
X	Y		
567792	4139074	5.83	11%
591050	4133234	5.88	12%

Note 1: See announcements of 19 September 2019 and 26 November 2019 for a further description of previously announced soil gas survey samples.

Note 2: The gross and net acreage the subject of the new lease will be verified in due diligence prior to completion.