



BIG STAR ENERGY

ASX ANNOUNCEMENT

5 December 2019

ADDITIONAL LEASING AT ENTERPRISE AND OTHER PROSPECTS

- Additional 1,640 net acres leased at the Enterprise, Voyager, Millennium, Galactica and Prometheus prospects
- Total Big Star lease position now 92,443 gross (39,811 net) acres

Big Star Energy Ltd (“Big Star” or the “Company”) (ASX:BNL) is pleased to announce that it has leased an additional 1,640 net acres at the Enterprise, Voyager, Millennium, Galactica and Prometheus prospects in Colorado, USA.

Big Star Managing Director, Joanne Kendrick, commented *“We are rapidly extending and consolidating our leasing coverage of the Enterprise prospect where we are targeting our exploration efforts on the Lyons Sandstone which is pervasive in the region and has previously produced helium in Las Animas County.*

“We are also pleased to have acquired a lease in our Prometheus prospect which includes an elevated helium sample taken during our regional gas survey. We will continue to consolidate our leasing position at Enterprise and our other prospects.”

Summary of current lease holding (changes bold)

Prospect Name	Gross Leased Acres	Net Leased Acres	Elevated Helium Readings from Soil Gas Samples
Enterprise	12,213	4,865	5
Voyager	1,369	462	No samples leased
Prometheus	9,077	3,534	2
Millennium	11,545	4,376	No samples leased
Falcon	4,625	3,198	2
Red Dwarf	3,927	3,444	No samples leased
Galactica	8,614	6,897	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	92,443	39,811	12

Table 1 : Summary of Prospects with Leasing

Summary of new leases

The new leases are 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 a lease area, a 12.5% royalty will be payable to the lessor and the lease term will be extended indefinitely until production ceases. The leases do not include any minimum work commitments. The Company is the only working interest owner in the leases. The Company has agreed to pay lease bonuses to the lessors on or before 28 February 2020 after concluding customary due diligence. The amount of the lease bonuses is not material to the Company.

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 US see the Company's announcement of 19 September 2019.

The Board has authorised for this announcement to be given to ASX.

For further information, please contact:

Joanne Kendrick
Managing Director
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

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

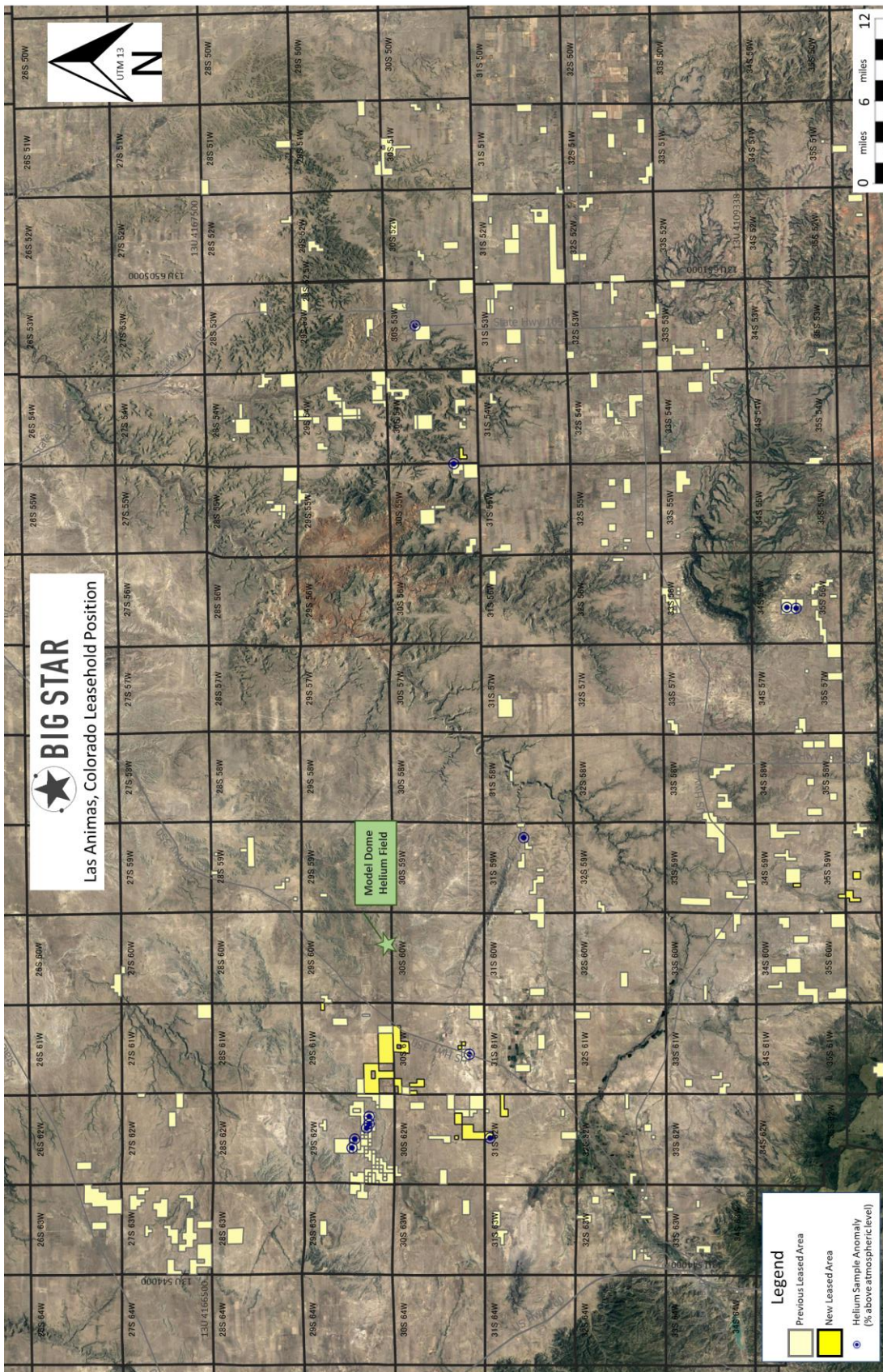


Figure 1 : Big Star Lease Position. Existing (pale yellow) and new (bright yellow) Leases

Soil Gas Survey Locations Captured by New Leasing			
UTM13 eastings (X) and northings (Y)		Helium Concentration (ppmv)	Helium Concentration (above atmospheric levels)
X	Y		
558795	4136835	5.85	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 leases will be verified in due diligence prior to payment of the lease bonus.