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# GAS CAPTURE PLAN

**BNL** | ENTERPRISE

**Jackson 02 L4 3154**

Sec. 2 T31S R54W Lot 4 (NW/4 NW/4)

Las Animas County, Colorado

Surface: Fee

Submitted as an accompaniment to the Form 2A Application  
and consistent with the requirements of Rule 903.e.

February 9, 2024

## **BNL (Enterprise) Inc. Las Animas County, Colorado**

### **Gas Capture Plan**

**Project Summary:**

BNL (Enterprise) Inc.'s ("BNL's") proposed Jackson 02 L4 3154 "Location" is in Sec. 2 T31S R54W in Las Animas County, Colorado. BNL plans to drill and test one *helium* well. If the well produces commercial quantities of helium the well will be shut-in for a period of six to nine months until helium production/processing facilities can be constructed on an offsite facility location. The helium facility will be on lands outside of the Oil and Gas Development Plan. The facility will be constructed on private surface. The landowner agreement provides for the installation of the gas gathering line. The production/processing facilities will not require an oil and gas development plan.

**Plan:**

BNL's Gas Capture Plan will encompass the Jackson 02 L4 3154 well drilled in Section 2 Township 31 South Range 54 West, which penetrates fee minerals. This plan covers helium gas gathering and processing. The plan minimizes waste and maximizes value for mineral owners, BNL, and the State of Colorado.

This location is committed to a capture and storage system on an off-site location.

If drilling is successful, helium will be produced and processed at the off-site location. The subject well's raw gas is expected to contain helium, nitrogen and carbon dioxide and not expected to contain any natural gas or hydrocarbons. The well will eventually connect to the field wide gas gathering system which will connect to centrally located helium processing facility. At the helium processing facility only helium will be recovered and sold and no natural gas will be flared or vented. At the helium processing plant helium will be recovered and stored in tubes trailers in gaseous form. Helium-filled tube trailers will then be hauled off by truck to market. No natural gas will be flared or vented.

At the helium processing plant carbon dioxide and nitrogen will be present and will be vented upon approval of a Form 4 at the Helium Processing offsite facility. Impacts to air from these inert gases will be minimal with volumes not exceeding listed amounts in below table. The following numbers represent only this well.

<b>Jackson 02 L4 3154</b>	<b>Gas Type</b>	<b>Daily Volume</b>
	Helium	40 mcf
	Carbon Dioxide (CO <sub>2</sub> )	75 mcf
	Nitrogen (N <sub>2</sub> )	385 mcf

BNL's facilities will continue to improve and undergo changes for more efficient capturing and selling of product. Updated plans will include all improvements.