Lucid Energy Group II at 3100 McKinnon Street Suite 800; Dallas, TX 75201 has submitted an air quality operating permit application to the New Mexico Environment Department (NMED) for an air quality operating permit for its Lucid - Big Lizard Compressor Station. The owner of this plant is Lucid Energy Group II. The exact location of the facility is/will be at latitude and longitude decimal degrees: 32.307633, -103.6199 Datum: WGS84. To aid in locating this facility, the approximate location is 28 mi NW of Jal in Lea County, NM. This application file has been assigned an Operating Permit Number P289 and TEMPO Agency Interest ID No. 29590.

Previously, the facility received an air quality construction permit and is in operation.

The main purpose of the facility is to compress natural gas using engine driven compressors. The gas is then treated with amine system for carbon dioxide removal. The water from the gas is removed using glycol dehydration system. The dehydrated gas is discharged from the station not gas processing plants.

This operating permit application is for a new permit. Per 20.2.70.401.C.(4) NMAC, this permitting action involves permitting for ten (10) compressor engines, three (3) TEG dehydrators and their associated reboilers, four (4) tanks, amine unit and associated reboilers, truck loading, one (1) flare, fugitive emissions and startup, shutdown and maintenance/malfunction (SSM/M) emission.

There are no changes to the existing air emission limits in this permitting action.

The NMED has conducted a preliminary review of the information submitted with the permit application. This review included evaluation of the emission rates and applicable requirements to determine compliance.

The NMED has made a preliminary determination that this facility will comply with the requirements of Title 20, New Mexico Administrative Code (NMAC), Chapter 2, Parts 7, 61, 70, 71, 72, 73, 77 and 82; 40 CFR 50; 40 CFR 60 Subparts A, Dc, JJJJ and OOOOa; 40 CFR 63 Subparts HH and ZZZZ; 40 CFR 64 and the New Mexico Air Quality Control Act. Therefore, the preliminary intent of NMED is to issue the air quality operating permit on or before May 22, 2022.

Interested persons may obtain the draft operating permit, submit written comments, or request a public hearing on Operating Permit Number P289 by contacting Urshula Bajracharya at the New Mexico Environment Department, Air Quality Bureau, 525 Camino de los Marquez Suite 1, Santa Fe, NM 87505-1816, or by email at Urshula.Bajracharya@state.nm.us.

Written requests for public hearing must state the nature of the issues proposed to be raised in the hearing. Comments must be based on the requirements of the applicable state and federal air quality regulations and the Clean Air Act. Comments or hearing requests must be received within 30 days after the public notice is published.

Due to the public health emergency order, certain NMED offices are closed to the public. The permit application is currently available for review on the AQB Public Notices of Permitting Actions website.
The Department contact in Santa Fe is Urshula Bajracharya at 505-629-8883. Este es un aviso de la oficina de Calidad del Aire del Departamento del Medio Ambiente de Nuevo México, acerca de las emisiones producidas por un establecimiento en esta área. Si usted desea información en español, por favor comuníquese con esa oficina al teléfono 505-372-8373.

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