

LEGAL NOTICE
and
Preliminary Determination for an Air Quality Permit for
Occidental Permian Limited

Occidental Permian Limited, 5 Greenway Plaza, Suite 110, Houston, TX has submitted an air quality permit application to the Air Quality Bureau (aqb), New Mexico Environment Department (NMED) for an air quality permit to modify Occidental - North Hobbs Unit RCF and WIB. The application file has been assigned Permit No. 2656M7 and TEMPO Agency Interest ID No. 2415. The exact location of the facility is at latitude 32 degrees, 43 minutes, 15.65 seconds and longitude -103 degrees, 12 minutes, 3.49 seconds, Datum: NAD83. To aid in locating this facility, the approximate location is 2.75 miles west of Hobbs in Lea county, New Mexico.

The proposed modification will consist of: (1) Increase RCF facility maximum throughput from 180 MMscfd to 300 MMscfd; (2) Replace existing RCF flare with new RCF flare with increased capacity from 180 MMscfd to 300MMscfd; (3) Add additional equipment at the RCF facility to include:

- (i) A third inlet slug catcher (120 MMscfd capacity),
 - (ii) 3 electric driven reinjection compressors (Trains G, H, I; 46.3 MMscfd each) and associated coolers,
 - (iii) 2 flare scrubbers,
 - (iv) 4 flare pumps,
 - (v) 1 flare header,
 - (vi) 2 lube oil tanks and 4 pumps for new compressors;
 - (vii) third instrument air system (compressor and air receiver handling air only with no emissions);
- (4) Change routing of existing process streams:
- (i) Redirect streams from WIB HP flare scrubber to new RCF flare,
 - (ii) Redirect streams from existing RCF HP flare scrubber to new RCF flare scrubbers,
 - (iii) Repurpose existing RCF flare scrubber to receive the close drain from the RCF facility;
- (5) Update permit documentation for RCF/WIB facilities:
- (i) Correct capacity for existing electric driven injection compressor (COM F) from 40 to 46.3 MMscfd and model number to KBZ6,
 - (ii) Correct NGL Heater stack height represented in NMED UA form, Table 2H from 15 feet to greater than 20 feet from ground level,
 - (iii) Correct WIB produced water to 154 M bbl/d resulting in WIB mixed liquids capacity of 160 M bbl/d,
 - (iv) Revise the DexPro™ unit's listed capacity from 135 MMscfd to 150 MMscfd,
 - (v) Remove WIB-T7_WTR tank from the permit as it was never constructed.
- (6) Update emissions documentation for authorized start-up, shutdown, maintenance and upset-related emissions events;
- (7) Update fugitive emissions from piping components.

Total air pollutant emissions to the atmosphere are estimated to be approximately Nitrogen Oxides (NO_x) at 23.5 tons per year (tpy); Carbon Monoxide (CO) at 45.4 tpy; Volatile Organic Compounds (VOC) at 68.3 tpy; Sulfur Dioxide (SO₂) at 0.4 tpy; Hydrogen Sulfide (H₂S) at 1.0 tpy; Particulate Matter 10 microns or less (PM₁₀) at 0.4 tpy; Particulate Matter 2.5 microns or less (PM_{2.5}) at 0.4 tpy; Total Hazardous Air Pollutants (Total HAP) at 5.9 tpy; and greenhouse gas (CO₂e) < 75,000 tpy. These

emission estimates could change slightly during the course of the Department's review of the application.

The NMED has conducted a preliminary review of the information submitted with the permit application. The preliminary review and applicant's analysis of ambient air quality impacts indicates that the facility's air emissions will meet the air quality standards for NO_x, CO, SO₂, PM₁₀, PM_{2.5} and H₂S. VOCs are a pre-cursor to ozone and the NMED does not require an individual ozone ambient impact analysis for each application. To determine compliance with national ambient air quality standards for ozone, NMED uses air monitors to monitor ozone concentrations. A full review will evaluate the estimated emission rates for the pollutants listed in this public notice and determine compliance with ambient air quality requirements and standards.

Based on the applicant's analysis, a preliminary determination is that this facility will comply with the requirements of Title 20, New Mexico Administrative Code (NMAC), Chapter 2, Parts 1, 3, 7, 38, 61.109, 70, 71, 72, 73, 75, 77, 82; 40 CFR 50; 40 CFR 60 Subparts Kb, KKK, OOOO, OOOOa; 40 CFR 63 Subparts HH; and the New Mexico Air Quality Control Act. Therefore, the preliminary intent of NMED is to issue the air quality permit on or before October 10, 2019. This source is a PSD minor source according to 20.2.74 NMAC

To ensure compliance with state and federal air regulations, the permit is expected to include conditions that limit the emissions hours of operation, production rate, and conditions that will require record keeping and reporting to the Department.

The permit application is available for review in electronic or hard copy at the Air Quality Bureau Office, 525 Camino de los Marquez Suite 1, Santa Fe, New Mexico. To arrange viewing of this application contact Arianna Espinoza, at 505-476-4367 or arianna.espinoza@state.nm.us. The permit application is also available at the NMED Hobbs Field Office, located at: 2120 N. Alto, Hobbs, NM 88240 for public review.

All interested persons have thirty (30) days from the date this notice is published, to notify the Department in writing of their interest in the permit application. The written comments should refer to the company name, facility name and Permit No. (or send a copy of this notice along with your comments). The written comments shall state the nature of the issues raised and how it relates to the requirements of applicable state and federal air quality regulations and the Clean Air Act. The written comments should be mailed to Todd Sherrill, New Mexico Environment Dept., Air Quality Bureau, Permit Section, 525 Camino de los Marquez Suite 1, Santa Fe, NM 87505-1816.

The Department will notify all persons, who have provided written comments as to when and where the Department's analysis may be reviewed. Although all written comments will be made part of the public record, any person who does not express interest in writing before the end of this first thirty (30) day period will not receive such notification.

If the Department receives written public comment before the end of the Department's thirty (30) day public notice, the Department's analysis will be made available for review for thirty (30) days at the NMED district or field office nearest to the source before the permit will be issued. Written comments on the analysis or permit application may be submitted to the Department during this second thirty (30) day period or at any time before the permit is issued or denied.

Questions or comments not intended to be part of the public record can be directed to Joseph Mashburn at 505-476-4329. General information about air quality and the permitting process can be found at the Air Quality Bureau's web site. The regulation dealing with public participation in the permit review process is 20.2.72.206 NMAC. This regulation can be found in the "Permits" section of this web site. 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 505-476-5557.

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