

<p>Mail Application To:</p> <p>New Mexico Environment Department Air Quality Bureau Permits Section 525 Camino de los Marquez, Suite 1 Santa Fe, New Mexico, 87505</p> <p>Phone: (505) 476-4300 Fax: (505) 476-4375 www.env.nm.gov/aqb</p>		<p>For Department use only:</p> <p>AIRS No.:</p>
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Universal Air Quality Permit Application

Use this application for NOI, NSR, or Title V sources.

Use this application for: the initial application, modifications, technical revisions, and renewals. For technical revisions, complete Sections, 1-A, 1-B, 2-E, 3, 9 and any other sections that are relevant to the requested action; coordination with the Air Quality Bureau permit staff prior to submittal is encouraged to clarify submittal requirements and to determine if more or less than these sections of the application are needed. Use this application for streamline permits as well. **See Section 1-I for submittal instructions for other permits.**

This application is submitted as (check all that apply): Request for a No Permit Required Determination (no fee)
 Updating an application currently under NMED review. Include this page and all pages that are being updated (no fee required).
 Construction Status: Not Constructed Existing Permitted (or NOI) Facility Existing Non-permitted (or NOI) Facility
 Minor Source: a NOI 20.2.73 NMAC 20.2.72 NMAC application or revision 20.2.72.300 NMAC Streamline application
 Title V Source: Title V (new) Title V renewal TV minor mod. TV significant mod. TV Acid Rain: New Renewal
 PSD Major Source: PSD major source (new) minor modification to a PSD source a PSD major modification

Acknowledgements:

I acknowledge that a pre-application meeting is available to me upon request.
 Title V Operating, Title IV Acid Rain, and NPR applications have no fees.
 \$500 NSR application Filing Fee enclosed **OR** The full permit fee associated with 10 fee points (required w/ streamline applications).
 Check No.: _____ in the amount of _____
 I acknowledge the required submittal format for the hard copy application is printed double sided ‘head-to-toe’, 2-hole punched (except the Sect. 2 landscape tables is printed ‘head-to-head’), numbered tab separators. Incl. a copy of the check on a separate page.
 I acknowledge there is an annual fee for permits in addition to the permit review fee: www.env.nm.gov/air-quality/permit-fees-2/.
 This facility qualifies for the small business fee reduction per 20.2.75.11.C. NMAC. The full \$500.00 filing fee is included with this application and I understand the fee reduction will be calculated in the balance due invoice. The Small Business Certification Form has been previously submitted or is included with this application. (Small Business Environmental Assistance Program Information: www.env.nm.gov/air-quality/small-biz-cap-2/.)

Citation: Please provide the **low level citation** under which this application is being submitted: **20.2.70.404.C.1.a NMAC** (e.g. application for a new minor source would be 20.2.72.200.A NMAC, one example for a Technical Permit Revision is 20.2.72.219.B.1.b NMAC, a Title V acid rain application would be: 20.2.70.200.C NMAC)

Section 1 – Facility Information

Section 1-A: Company Information

		AI # if known (see 1 st 3 to 5 #s of permit IDEA ID No.): 19	Updating Permit/NOI #: P073-R3M2
1	Facility Name: Red Bluff No. 3 Compressor Station	Plant primary SIC Code (4 digits): 4922	
		Plant NAIC code (6 digits):48621	
a	Facility Street Address (If no facility street address, provide directions from a prominent landmark): Go North out of Roswell, N.M. on U.S. Highway 285 approximately 17.5 miles past the Roswell city limits sign to Red Bluff Road (just before Mile Marker 132). Turn right (East) on Red Bluff Road and go 0.5 miles to “Y” in road (just before road with cattle guard that goes to El Paso Natural Gas Co.). Turn left at “Y” in the road and go 10.3 miles on main traveled road to cross road. Turn left at cross road and go 0.7 miles. Turn right and go 0.4 miles. Turn left and go 100 yards to station site. (Station is painted Carlsbad Cavern brown)		

Section 3

Application Summary

The **Application Summary** shall include a brief description of the facility and its process, the type of permit application, the applicable regulation (i.e. 20.2.72.200.A.X, or 20.2.73 NMAC) under which the application is being submitted, and any air quality permit numbers associated with this site. If this facility is to be collocated with another facility, provide details of the other facility including permit number(s). In case of a revision or modification to a facility, provide the lowest level regulatory citation (i.e. 20.2.72.219.B.1.d NMAC) under which the revision or modification is being requested. Also describe the proposed changes from the original permit, how the proposed modification will affect the facility's operations and emissions, de-bottlenecking impacts, and changes to the facility's major/minor status (both PSD & Title V).

The **Process Summary** shall include a brief description of the facility and its processes.

Startup, Shutdown, and Maintenance (SSM) routine or predictable emissions: Provide an overview of how SSM emissions are accounted for in this application. Refer to "Guidance for Submittal of Startup, Shutdown, Maintenance Emissions in Permit Applications (http://www.env.nm.gov/aqb/permit/app_form.html) for more detailed instructions on SSM emissions.

IACX Roswell LLC (IACX) is submitting this application pursuant to 20.2.70.404.C.1.a NMAC for a Significant Modification to Title V permit P073-R3M2 for the Red Bluff No. 3 Compressor Station. Furthermore, with this application, IACX seeks to renew the current Title V permit. This Title V renewal application is being submitted within twelve months of the current Title V permit expiration date, in accordance with 20.2.70.300.B.2 NMAC. The facility is located approximately 23 miles northeast of Roswell in Chaves County, New Mexico. The Red Bluff No. 3 Compressor Station is an extension of a local gas transportation system that gathers casinghead gas from multiple wells in the area. The facility compresses the gas for delivery to a main line.

The proposed modification seeks to incorporate the changes made to the facility in the application for NSR permit 0412-M4, including the following:

Revisions to the emissions for the glycol dehydrator (Unit Dehy-1); condensate tanks (Units TK-1 and TK-2); startup, shutdown, maintenance, and malfunction (Unit SSM/M); facility-wide fugitives (Unit FUG); and two RICE engines (Units C-867 and C-868). Revisions were also made to the following exempt emission sources: truck loadout from the condensate tanks (Unit Load); NGL loadout (Unit NGL Load); and unpaved haul road activities (Unit Haul).

This application is submitted in response to the Notice of Violation (NOV) (Track No. IACX-0019-1901) issued on July 29, 2019. This Title V Modification is the final corrective action for Violation 1 in the NOV and is submitted within 12-months of issuance of NSR permit 0412-M4.

Equipment currently authorized at the site includes the following:

- Two (2) Caterpillar G3516 compressor engines (Units C-865 and C-880);
- Two (2) Waukesha L7042GSI compressor engines (Units C-867 and C-868);
- One (1) Superior 8GTLA compressor engine (Unit C-878);
- One (1) rinse compressor engine (Unit C-320);
- Two (2) Capstone C65 microturbines (Units CAP-1 and CAP-2);
- One glycol dehydration contactor (unit Dehy-1); and
- Two (2) condensate storage tanks (Units TK-1 and TK-2);

Additional emissions at the facility result from startup, shutdown, maintenance, and malfunction (Unit SSM/M) and facility-wide fugitive component emissions (FUG).

The following insignificant activities and equipment are located at Red Bluff No. 3:

- One (1) glycol dehydration unit reboiler (Unit Rebl-1);
- Five (5) nitrogen rejection units (Unit NRU-1);
- One (1) helium recovery unit (Unit HRU);
- Five (5) miscellaneous storage tanks for lube oil, glycol, etc. (Units T-1 through T-5);
- Loadout emissions from truck loadout of condensate and NGL (Units Load and NGL Load); and
- Unpaved haul road emissions (Unit Haul).