



December 2, 1994

Mr. Lawrence Alires
Environmental Engineer
Technical Analysis & Permits Section
Air Pollution Control Bureau
P. O. Box 26110
Santa Fe, NM 87502

Air Quality Site Determination

Dear Mr. Alires:

During the week of December 15, 1994, Maralo, Inc. will install a portable natural gas compressor package on the Prohibition Federal Unit Lease, Well #3, within Lea County, New Mexico (Section 12, Township 22 South, Range 32 East). The station consists of the following:

- (1) 80 H. P. Ajax DPC-80 integral gas engine driven single stage gas compressor unit with 6 X 11 inch stroke compressor cylinder. Compressor speed is 400 RPM.

The maximum potential emissions for Nitrogen Oxides (NOx), Carbon Monoxide (CO), and Non-Methane Hydrocarbons (NMHC), assumes that all equipment operates at the maximum of 8,760 hours in a year. Equipment description, emission data and compressor performance information are on the enclosed Halliburton Energy Services sheets.

Emission levels generated from the portable source are below threshold levels and therefore a permit is not required under AQCR 702. Emissions of NOx and CO are below the threshold value of 10 tons/year (at approximately 2 tons/year), therefore under AQCR 703.1, a Notice of Intent is not required for this site.

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