

STATEMENT OF BASIS

To: Reviewers

Through: Lori Bocchino, Operating Permit Program Manager

From: Maggie Endres, Operating Permit Program

Subject: Draft Operating Permit 3-3-073, Colorado Interstate Gas Company, LLC
Table Rock Compressor Station

Date: September 9, 2011

Attached is a draft renewal Wyoming Air Quality Standards and Regulations (WAQSR) Ch 6, Sec 3 operating permit for Colorado Interstate Gas Company (CIG), LLC, Table Rock Compressor Station. The facility is used to gather and compress natural gas produced from nearby well sites for transmission into CIG's pipeline to the Denver area. Condensate present in the gas pipeline at the station inlet is pumped to a storage tank before it is transported off-site. Emissions sources include a 600 hp Superior 8G-825 compressor engine, a 300 hp Superior 8G-510 compressor engine, a 400 barrel condensate storage tank, and four small miscellaneous storage tanks.

Permitting History

Division letter (4/2/96): The 600 hp Superior 8G-825 compressor engine was constructed in 1975 without a WAQSR Ch 6, Sec 2 permit. By letter dated 4/2/96, the Division administratively set NO_x emission limits for this unit in g/hp-hr and lb/hr.

MD-740 (3/8/02); MD-740A (1/2/03): was issued for the addition of a 15 MMSCFD glycol dehydration unit, and then administratively amended to reflect a requested change in monitoring. This unit was sold to Western Gas Resources, Inc. per an April 9, 2003 letter from Western Gas Resources.

Applicable Requirements

In addition to the 4/2/96 letter NO_x limits listed above, the sources at the facility are subject to the visible emission limits set forth in WAQSR Chapter 3, Section 2.

Periodic Monitoring

Periodic monitoring for visible emissions from the compressor engines consists of monitoring the type of fuel used to ensure natural gas is the sole fuel source for these units. Periodic monitoring for NO_x emissions from the 600 hp Superior 8G-825 compressor engine consists of quarterly measurements using the State of Wyoming Portable Analyzer Monitoring Protocol or EPA reference methods.