

ADEQ

ARKANSAS
Department of Environmental Quality

June 13, 2008

Steven Liddell
AR Western Gas Company - Lone Elm Compressor Station
P.O. Box 13288
Fayetteville, AR 72703

Dear Mr. Liddell:

The enclosed Permit No. 1450-AOP-R2 is issued pursuant to the Arkansas Operating Permit Program, Regulation # 26.

After considering the facts and requirements of A.C.A. §8-4-101 et seq., and implementing regulations, I have determined that Permit No. 1450-AOP-R2 for the construction, operation and maintenance of an air pollution control system for AR Western Gas Company - Lone Elm Compressor Station to be issued and effective on the date specified in the permit, unless a Commission review has been properly requested under §2.1.14 of Regulation No. 8, Arkansas Department of Pollution Control & Ecology Commission's Administrative Procedures, within thirty (30) days after service of this decision.

All persons submitting written comments during this thirty (30) day period, and all other persons entitled to do so, may request an adjudicatory hearing and Commission review on whether the decision of the Director should be reversed or modified. Such a request shall be in the form and manner required by §2.1.14 of Regulation No. 8.

Sincerely,



Mike Bates
Chief, Air Division

ADEQ OPERATING AIR PERMIT

Pursuant to the Regulations of the Arkansas Operating Air Permit Program, Regulation No. 26:

Permit No. : 1450-AOP-R2

IS ISSUED TO:

AR Western Gas Company - Lone Elm Compressor Station

Ozark, AR 72949

Franklin County

AFIN: 24-00104

THIS PERMIT AUTHORIZES THE ABOVE REFERENCED PERMITTEE TO INSTALL, OPERATE, AND MAINTAIN THE EQUIPMENT AND EMISSION UNITS DESCRIBED IN THE PERMIT APPLICATION AND ON THE FOLLOWING PAGES. THIS PERMIT IS VALID BETWEEN:

June 13, 2008

AND

June 12, 2013

IS SUBJECT TO ALL LIMITS AND CONDITIONS CONTAINED HEREIN.

Signed:



Mike Bates, Chief
Air Division

June 13, 2008

Date

Facility: AR Western Gas Company - Lone Elm Compressor Station
Permit No.: 1450-AOP-R2
AFIN: 24-00104

Table of Contents

| | |
|---|-----------|
| SECTION I: FACILITY INFORMATION..... | 5 |
| SECTION II: INTRODUCTION | 6 |
| SUMMARY OF PERMIT ACTIVITY | 6 |
| PROCESS DESCRIPTION..... | 6 |
| REGULATIONS..... | 6 |
| EMISSION SUMMARY..... | 7 |
| SECTION III: PERMIT HISTORY | 8 |
| SECTION IV: SPECIFIC CONDITIONS..... | 9 |
| WAUKESHA 1000 HP ENGINE..... | 9 |
| SECTION V: COMPLIANCE PLAN AND SCHEDULE..... | 11 |
| SECTION VI: PLANT WIDE CONDITIONS..... | 12 |
| TITLE VI PROVISIONS..... | 13 |
| PERMIT SHIELD..... | 14 |
| SECTION VII: INSIGNIFICANT ACTIVITIES | 16 |
| SECTION VIII: GENERAL PROVISIONS | 17 |

Facility: AR Western Gas Company - Lone Elm Compressor Station
Permit No.: 1450-AOP-R2
AFIN: 24-00104

Table of Tables

| | |
|---|-----------|
| Table 1 - List of Acronyms | 4 |
| Table 2 - Regulations | 6 |
| Table 3 – Emission Summary | 7 |
| Table 4 – Maximum Criteria Emission Rates | 9 |
| Table 5 – Maximum Non-Criteria Emission Rates..... | 9 |
| Table 6 - Applicable Regulations..... | 14 |
| Table 7 - Inapplicable Regulations..... | 14 |
| Table 8 - Insignificant Activities..... | 16 |

Facility: AR Western Gas Company - Lone Elm Compressor Station
Permit No.: 1450-AOP-R2
AFIN: 24-00104

Table 1 - List of Acronyms

| | |
|------------------|---|
| A.C.A. | Arkansas Code Annotated |
| AFIN | ADEQ Facility Identification Number |
| CFR | Code of Federal Regulations |
| CO | Carbon Monoxide |
| HAP | Hazardous Air Pollutant |
| lb/hr | Pound per hour |
| MVAC | Motor Vehicle Air Conditioner |
| No. | Number |
| NO _x | Nitrogen Oxide |
| PM | Particulate matter |
| PM ₁₀ | Particulate matter smaller than ten microns |
| SNAP | Significant New Alternatives Program (SNAP) |
| SO ₂ | Sulfur dioxide |
| SSM | Startup, Shutdown, and Malfunction Plan |
| Tpy | Ton per year |
| UTM | Universal Transverse Mercator |
| VOC | Volatile Organic Compound |

Facility: AR Western Gas Company - Lone Elm Compressor Station
Permit No.: 1450-AOP-R2
AFIN: 24-00104

Section I: FACILITY INFORMATION

PERMITTEE: AR Western Gas Company - Lone Elm Compressor Station

AFIN: 24-00104

PERMIT NUMBER: 1450-AOP-R2

FACILITY ADDRESS: 4511 Dogwood Lane

Ozark, AR 72949

MAILING ADDRESS: P.O. Box 13288

Fayetteville, AR 72703

COUNTY: Franklin County

CONTACT POSITION: Steven Liddell

CONTACT OFFICIAL TITLE: Environmental Engineer

TELEPHONE NUMBER: 479-582-8635

REVIEWING ENGINEER: Charles Hurt

UTM Zone: 15

UTM North - South (Y): 3932926.10

UTM East - West (X): 414305.38

Facility: AR Western Gas Company - Lone Elm Compressor Station
Permit No.: 1450-AOP-R2
AFIN: 24-00104

Section II: INTRODUCTION

Summary of Permit Activity

Arkansas Western Gas Company (AWG) owns and operates the Lone Elm natural gas compressor station (AFIN: 24-00104) located at 4511 Dogwood Lane, Ozark, Arkansas 72949. This permit is a renewal for the Title V operating air permit # 1450-AOP-R1. There are no physical changes and no new construction or modification. However, PM/PM₁₀, SO₂, and HAP emission limits were added. Permitted PM/PM₁₀, SO₂, and HAP increased by 0.5 tpy, 0.3 tpy and 0.09 tpy, respectively.

The Lone Elm Compressor Station function is to dehydrate and compress sweet natural gas, which is currently moved into the Arkansas Western pipeline system for subsequent delivery to customers in Northwest and Northeast Arkansas. This gas may be moved to intrastate or interstate pipelines as needed.

Process Description

Natural gas enters the station at wellhead pressure and various bypass valves allow the gas to bypass the station entirely or to bypass either the dehydration or compression systems as needed. First, any free liquids are removed and collected. Then the gas enters a dehydrator absorber which reduces the water vapor to the seven pounds/mcf level. Absorption occurs in a triethylene glycol medium, and the glycol is reconcentrated by a reboiler where water vapor is boiled off and released to the atmosphere. The glycol is recirculated by gas pumps. These pumps are driven by natural gas using the pressure drop from wellhead to fuel pressure. The reboiler is fueled with natural gas, and the exhaust gases are vented to the atmosphere.

Once dehydrated, the gas is sent to the compressor to be compressed, cooled, and delivered to the discharge piping system. The compressor engine is fired by natural gas, and the emissions are designated as SN-01.

Other releases associated with the station are involved with start-up, shut-down, safety, and auxiliary systems. From time to time, natural gas may be vented to the atmosphere due to overpressure.

Regulations

The following table contains the regulations applicable to this permit.

Table 2 – Regulations

| Source No. | Regulation Citations |
|------------|---|
| Facility | Regulation #18, <i>Arkansas Air Pollution Control Code</i> |
| Facility | Regulation #19, <i>Regulations of the Arkansas Plan of Implementation for Air Pollution Control, (Including Chapter 10)</i> |
| Facility | Regulation #26, <i>Regulation of the Arkansas Operating Air Permit Program</i> |

Facility: AR Western Gas Company - Lone Elm Compressor Station
 Permit No.: 1450-AOP-R2
 AFIN: 24-00104

| Source No. | Regulation Citations |
|------------|--|
| 01 | 40 CFR Part 60, Subpart JJJJ – <i>Standards of Performance for Stationary Spark Ignition Internal Combustion Engines*</i> |
| 01 | 40 CFR Part 63, Subpart ZZZZ – <i>National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines*</i> |

* SN-01 is an affected source under Subpart ZZZZ and is an existing source under Subpart JJJJ. There are no applicable requirements.

Emission Summary

The following table is a summary of emissions from the facility. The following table contains cross-references to the pages containing specific conditions and emissions for each source. This table, in itself, is not an enforceable condition of the permit.

Table 3 – Emission Summary

| EMISSION SUMMARY | | | | | |
|------------------|--|---|--|---|----------------------|
| Source No. | Description | Pollutant | Emission Rates | | Cross Reference Page |
| | | | lb/hr | tpy | |
| | Total Allowable Emissions Criteria Pollutants | PM PM ₁₀ SO ₂ VOC CO NO _x | 0.1 0.1 0.1 4.4 44.1 39.7 | 0.5 0.5 0.3 19.4 193.2 173.9 | N/A |
| | Total Allowable Emissions Hazardous Air Pollutants* (HAPs) | Acrolein Formaldehyde | 0.02 0.15 | 0.09 0.66 | N/A |
| 01 | L7042 GSI Waukesha 1,000 HP Engine | PM PM ₁₀ SO ₂ VOC CO NO _x Acrolein Formaldehyde | 0.1 0.1 0.1 4.4 44.1 39.7 0.02 0.15 | 0.5 0.5 0.3 19.4 193.2 173.9 0.09 0.66 | |

*HAPs included in the VOC totals. Other HAPs are not included in any other totals unless specifically stated.

Facility: AR Western Gas Company - Lone Elm Compressor Station
Permit No.: 1450-AOP-R2
AFIN: 24-00104

Section III: PERMIT HISTORY

The first permit, #1450-A, was issued under Arkansas Regulation 19 on May 11, 1993.

Permit #1450-AR-1 was issued on February 1, 1995 for the installation of a natural gas dehydrator reboiler.

Permit #1450-AR-2 was issued on June 27, 1995. The modification increased the gas usage for the two natural gas dehydrator reboilers (SN-11 and SN-13).

Permit #1450-AR-3 was issued on January 29, 1996. The modification changed the permitted emissions for two natural gas dehydrator reboilers (SN-13 and SN-15).

Permit #1450-AOP-R0 was the first operating permit issued to Arkansas Western Gas Company-Lone Elm Compressor Station under Regulation 26. All equipment, fugitive emissions, and hazardous air pollutants were quantified. The increase in potential emissions did not trigger a PSD review, because no physical modifications have been made to the sources since the issuance of Air Permit #1450-AR-3.

Permit #1450-AOP-R1 was issued on November 7, 2003. This permit was a renewal for a Title V operating air permit. There were no physical changes or changes in method of operation.

Section IV: SPECIFIC CONDITIONS

Waukesha 1000 HP Engine

The compressor engine was installed in 1981. The engine is a 1000 BHP, Waukesha, Model L7042 GSI rich burn reciprocating engine.

Specific Conditions

1. The permittee shall not exceed the emission rates set forth in the following table. Compliance with this condition will be demonstrated by using natural gas fuel and operating at or less than maximum capacity. [Regulation No. 19 §19.501 *et seq.* effective October 15, 2007, and 40 CFR Part 52, Subpart E]

Table 4 – Maximum Criteria Emission Rates

| Description | Pollutant | lb/hr | tpy |
|--|------------------|-------|-------|
| L7042 GSI Waukesha 1,000 HP Engine | PM | 0.1 | 0.5 |
| | PM ₁₀ | 0.1 | 0.5 |
| | SO ₂ | 0.1 | 0.3 |
| | VOC | 4.4 | 19.4 |
| | CO | 44.1 | 193.2 |
| | NO _x | 39.7 | 173.9 |

2. The permittee shall not exceed the emission rates set forth in the following table. Compliance with this condition will be demonstrated by using natural gas fuel and operating at or less than maximum capacity. [Regulation No. 18 §18.801, effective February 15, 1999, and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

Table 5 – Maximum Non-Criteria Emission Rates

| Description | Pollutant | lb/hr | tpy |
|--|--------------|-------|------|
| L7042 GSI Waukesha 1,000 HP Engine | Acrolein | 0.02 | 0.09 |
| | Formaldehyde | 0.15 | 0.66 |

3. The permittee shall not exceed 5% opacity from SN-01 as measured by EPA Reference Method 9. Compliance with this Specific Condition shall be demonstrated by compliance with Specific Condition #4. [Regulation No. 18 §18.501 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
4. Pipeline quality natural gas shall be the only fuel used to fire these compressor engines. [Regulation No. 19 §19.705, A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311, and 40 CFR §70.6]
5. The permittee shall simultaneously conduct tests for CO and NO_x on the Waukesha Model L7042 GSI compressor engine in accordance with Plantwide Condition #3, and every five (5) years thereafter. EPA Reference Method 7E shall be used to determine

Facility: AR Western Gas Company - Lone Elm Compressor Station
Permit No.: 1450-AOP-R2
AFIN: 24-00104

NO_x and EPA Reference Method 10 shall be used to determine CO. The permittee shall test the engine within 90% of its rated capacity. If the test is not performed within this range, the permittee shall be limited to operating within 10% above the tested rate.
[Regulation No. 19 §19.702 and 40 CFR Part 52, Subpart E]

Facility: AR Western Gas Company - Lone Elm Compressor Station
Permit No.: 1450-AOP-R2
AFIN: 24-00104

Section V: COMPLIANCE PLAN AND SCHEDULE

AR Western Gas Company - Lone Elm Compressor Station will continue to operate in compliance with those identified regulatory provisions. The facility will examine and analyze future regulations that may apply and determine their applicability with any necessary action taken on a timely basis.

Section VI: PLANT WIDE CONDITIONS

1. The permittee will notify the Director in writing within thirty (30) days after commencing construction, completing construction, first placing the equipment and/or facility in operation, and reaching the equipment and/or facility target production rate. [Regulation No. 19 §19.704, 40 CFR Part 52, Subpart E, and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]
2. If the permittee fails to start construction within eighteen months or suspends construction for eighteen months or more, the Director may cancel all or part of this permit. [Regulation No.19 §19.410(B) and 40 CFR Part 52, Subpart E]
3. The permittee must test any equipment scheduled for testing, unless stated in the Specific Conditions of this permit or by any federally regulated requirements, within the following time frames: (1) New Equipment or newly modified equipment within sixty (60) days of achieving the maximum production rate, but no later than 180 days after initial start-up of the permitted source or (2) operating equipment according to the time frames set forth by the Department or within 180 days of permit issuance if no date is specified. The permittee must notify the Department of the scheduled date of compliance testing at least fifteen (15) days in advance of such test. The permittee will submit the compliance test results to the Department within thirty (30) days after completing the testing. [Regulation No.19 §19.702 and/or Regulation No.18 §18.1002 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
4. The permittee must provide: [Regulation No.19 §19.702 and/or Regulation No.18 §18.1002 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
 - a. Sampling ports adequate for applicable test methods;
 - b. Safe sampling platforms;
 - c. Safe access to sampling platforms; and
 - d. Utilities for sampling and testing equipment.
5. The permittee must operate the equipment, control apparatus and emission monitoring equipment within the design limitations. The permittee will maintain the equipment in good condition at all times. [Regulation No.19 §19.303 and A.C.A. §8-4-203 as referenced by A.C.A. §8-4-304 and §8-4-311]
6. This permit subsumes and incorporates all previously issued air permits for this facility. [Regulation No. 26 and A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

Title VI Provisions

7. The permittee must comply with the standards for labeling of products using ozone-depleting substances. [40 CFR Part 82, Subpart E]
 - a. All containers containing a class I or class II substance stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced to interstate commerce pursuant to §82.106.
 - b. The placement of the required warning statement must comply with the requirements pursuant to §82.108.
 - c. The form of the label bearing the required warning must comply with the requirements pursuant to §82.110.
 - d. No person may modify, remove, or interfere with the required warning statement except as described in §82.112.
8. The permittee must comply with the standards for recycling and emissions reduction, except as provided for MVACs in Subpart B. [40 CFR Part 82, Subpart F]
 - a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to §82.156.
 - b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to §82.158.
 - c. Persons performing maintenance, service repair, or disposal of appliances must be certified by an approved technician certification program pursuant to §82.161.
 - d. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with record keeping requirements pursuant to §82.166. (“MVAC-like appliance” as defined at §82.152.)
 - e. Persons owning commercial or industrial process refrigeration equipment must comply with leak repair requirements pursuant to §82.156.
 - f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to §82.166.
9. If the permittee manufactures, transforms, destroys, imports, or exports a class I or class II substance, the permittee is subject to all requirements as specified in 40 CFR Part 82, Subpart A, Production and Consumption Controls.

Facility: AR Western Gas Company - Lone Elm Compressor Station
 Permit No.: 1450-AOP-R2
 AFIN: 24-00104

10. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or the system used on passenger buses using HCFC-22 refrigerant.

11. The permittee can switch from any ozone-depleting substance to any alternative listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR Part 82, Subpart G, "Significant New Alternatives Policy Program".

Permit Shield

12. Compliance with the conditions of this permit shall be deemed compliance with all applicable requirements, as of the date of permit issuance, included in and specifically identified in Table 6 - Applicable Regulations of this condition.
 - a. The permit specifically identifies the following as applicable requirements based upon the information submitted by the permittee in an application dated 04/01/2008.

Table 6 - Applicable Regulations

| Source No. | Regulation | Description |
|------------|----------------|--|
| 01 | Regulation #19 | Regulations of the Arkansas Plan of Implementation for Air Pollution Control, (Including Chapter 10) |
| 01 | Regulation #26 | Regulation of the Arkansas Operating Air Permit Program |

- b. The permit specifically identifies the following as inapplicable based upon information submitted by the permittee in an application dated 4/01/2008.

Table 7 - Inapplicable Regulations

| Regulation | Description | Basis for Determination |
|----------------------|--|---|
| 40 CFR 60, Subpart K | New Source Performance Standards for Storage Vessels for Petroleum Liquids | No storage tanks have a capacity greater than 40,000 gallons. |

Facility: AR Western Gas Company - Lone Elm Compressor Station
 Permit No.: 1450-AOP-R2
 AFIN: 24-00104

| Regulation | Description | Basis for Determination |
|-----------------------|--|--|
| 40 CFR 60, Subpart Ka | New Source Performance Standards for Storage Vessels for Petroleum Liquids | No storage tanks have a capacity greater than 40,000 gallons. |
| 40 CFR 60, Subpart Kb | New Source Performance Standards for Volatile Organic Liquid Storage Vessels | No storage tanks have a capacity greater than 40 m ³ . |
| 40 CFR 60, Subpart GG | New Source Performance Standards for Stationary Gas Turbines | This facility does not have any stationary gas turbines. |
| 40 CFR 68 | Accidental Release Program | Section 112(r) does not apply to this facility. The rule states that "the term stationary source does not apply to transportation, including the storage incident to transportation, of any regulated substance or any other extremely hazardous substance under the provisions of this part, provided that such transportation is regulated under 49 CFR Parts 192, 193, or 195." Portions of the piping systems at this facility are subject to DOT 49 CFR Part 192 regulations. |

C. Nothing shall alter or affect the following:

- Provisions of Section 303 of the Clean Air Act;
- The liability of an owner or operator for any violation of applicable requirements prior to or at the time of permit issuance;
- The applicable requirements of the acid rain program, consistent with section 408(a) of the Clean Air Act; or
- The ability of the EPA to obtain information under Section 114 of the Clean Air Act.

Facility: AR Western Gas Company - Lone Elm Compressor Station
Permit No.: 1450-AOP-R2
AFIN: 24-00104

Section VII: INSIGNIFICANT ACTIVITIES

The following sources are insignificant activities. Any activity that has a state or federal applicable requirement is a significant activity even if this activity meets the criteria of §304 of Regulation 26 or listed in the table below. Insignificant activity determinations rely upon the information submitted by the permittee in an application dated **04/01/2008**.

Table 8 - Insignificant Activities

| Description | Category |
|------------------------|-----------------|
| Fugitive Emissions | A-13 |
| Lube Oil Storage Tanks | A-3 |
| Blowdowns | A-13 |

Pursuant to §26.304 of Regulation 26, the Department determined the emission units, operations, or activities contained in Regulation 19, Appendix A, Group B, to be insignificant activities. Activities included in this list are allowable under this permit and need not be specifically identified.

Facility: AR Western Gas Company - Lone Elm Compressor Station
Permit No.: 1450-AOP-R2
AFIN: 24-00104

Section VIII: GENERAL PROVISIONS

1. Any terms or conditions included in this permit which specify and reference Arkansas Pollution Control & Ecology Commission Regulation No. 18 or the Arkansas Water and Air Pollution Control Act (A.C.A. §8-4-101 *et seq.*) as the sole origin of and authority for the terms or conditions are not required under the Clean Air Act or any of its applicable requirements, and are not federally enforceable under the Clean Air Act. Arkansas Pollution Control & Ecology Commission Regulation 18 was adopted pursuant to the Arkansas Water and Air Pollution Control Act (A.C.A. §8-4-101 *et seq.*). Any terms or conditions included in this permit which specify and reference Arkansas Pollution Control & Ecology Commission Regulation 18 or the Arkansas Water and Air Pollution Control Act (A.C.A. §8-4-101 *et seq.*) as the origin of and authority for the terms or conditions are enforceable under this Arkansas statute. [40 CFR 70.6(b)(2)]
2. This permit shall be valid for a period of five (5) years beginning on the date this permit becomes effective and ending five (5) years later. [40 CFR 70.6(a)(2) and §26.701(B) of the Regulations of the Arkansas Operating Air Permit Program (Regulation 26), effective September 26, 2002]
3. The permittee must submit a complete application for permit renewal at least six (6) months before permit expiration. Permit expiration terminates the permittee's right to operate unless the permittee submitted a complete renewal application at least six (6) months before permit expiration. If the permittee submits a complete application, the existing permit will remain in effect until the Department takes final action on the renewal application. The Department will not necessarily notify the permittee when the permit renewal application is due. [Regulation No. 26 §26.406]
4. Where an applicable requirement of the Clean Air Act, as amended, 42 U.S.C. 7401, *et seq.* (Act) is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, the permit incorporates both provisions into the permit, and the Director or the Administrator can enforce both provisions. [40 CFR 70.6(a)(1)(ii) and Regulation No. 26 §26.701(A)(2)]
5. The permittee must maintain the following records of monitoring information as required by this permit. [40 CFR 70.6(a)(3)(ii)(A) and Regulation No. 26 §26.701(C)(2)]
 - a. The date, place as defined in this permit, and time of sampling or measurements;
 - b. The date(s) analyses performed;
 - c. The company or entity performing the analyses;
 - d. The analytical techniques or methods used;
 - e. The results of such analyses; and

Facility: AR Western Gas Company - Lone Elm Compressor Station
Permit No.: 1450-AOP-R2
AFIN: 24-00104

- f. The operating conditions existing at the time of sampling or measurement.
6. The permittee must retain the records of all required monitoring data and support information for at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. [40 CFR 70.6(a)(3)(ii)(B) and Regulation No. 26 §26.701(C)(2)(b)]
7. The permittee must submit reports of all required monitoring every six (6) months. If permit establishes no other reporting period, the reporting period shall end on the last day of the anniversary month of the initial Title V permit. The report is due within thirty (30) days of the end of the reporting period. Although the reports are due every six months, each report shall contain a full year of data. The report must clearly identify all instances of deviations from permit requirements. A responsible official as defined in Regulation No. 26 §26.2 must certify all required reports. The permittee will send the reports to the address below: [40 CFR 70.6(a)(3)(iii)(A) and §26.701(C)(3)(a) of Regulation #26]
Arkansas Department of Environmental Quality
Air Division
ATTN: Compliance Inspector Supervisor
5301 Northshore Drive
North Little Rock, AR 72118
8. The permittee will report to the Department all deviations from permit requirements, including those attributable to upset conditions as defined in the permit.
 - a. For all upset conditions (as defined in Regulation 19.601), the permittee will make an initial report to the Department by the next business day after the discovery of the occurrence. The initial report may be made by telephone and shall include:
 - i. The facility name and location,
 - ii. The process unit or emission source deviating from the permit limit,
 - iii. The permit limit, including the identification of pollutants, from which deviation occurs,
 - iv. The date and time the deviation started,
 - v. The duration of the deviation,
 - vi. The average emissions during the deviation,
 - vii. The probable cause of such deviations,

Facility: AR Western Gas Company - Lone Elm Compressor Station
Permit No.: 1450-AOP-R2
AFIN: 24-00104

- viii. Any corrective actions or preventive measures taken or being taken to prevent such deviations in the future, and
- ix. The name of the person submitting the report.

The permittee will make a full report in writing to the Department within five (5) business days of discovery of the occurrence. The report must include, in addition to the information required by the initial report, a schedule of actions taken or planned to eliminate future occurrences and/or to minimize the amount the permit's limits were exceeded and to reduce the length of time the limits were exceeded. The permittee may submit a full report in writing (by facsimile, overnight courier, or other means) by the next business day after discovery of the occurrence, and the report will serve as both the initial report and full report.

- b. For all deviations, the permittee will report such events in semi-annual reporting and annual certifications required in this permit. This includes all upset conditions reported in 8a. above. The semi-annual report must include all the information as required in the initial and full report required in 8a. [40 CFR 70.6(a)(3)(iii)(B), Regulation No. 26 §26.701(C)(3)(b), Regulation No. 19 §19.601 and §19.602]
9. If any provision of the permit or the application thereof to any person or circumstance is held invalid, such invalidity will not affect other provisions or applications hereof which can be given effect without the invalid provision or application, and to this end, provisions of this Regulation are declared to be separable and severable. [40 CFR 70.6(a)(5), §26.701(E) of Regulation No. 26, and A.C.A. §8-4-203, as referenced by §8-4-304 and §8-4-311]
 10. The permittee must comply with all conditions of this Part 70 permit. Any permit noncompliance with applicable requirements as defined in Regulation No. 26 constitutes a violation of the Clean Air Act, as amended, 42 U.S.C. §7401, *et seq.* and is grounds for enforcement action; for permit termination, revocation and reissuance, for permit modification; or for denial of a permit renewal application. [40 CFR 70.6(a)(6)(i) and Regulation No. 26 §26.701(F)(1)]
 11. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity to maintain compliance with the conditions of this permit. [40 CFR 70.6(a)(6)(ii) and Regulation No. 26 §26.701(F)(2)]
 12. The Department may modify, revoke, reopen and reissue the permit or terminate the permit for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [40 CFR 70.6(a)(6)(iii) and Regulation No. 26 §26.701(F)(3)]

Facility: AR Western Gas Company - Lone Elm Compressor Station
Permit No.: 1450-AOP-R2
AFIN: 24-00104

13. This permit does not convey any property rights of any sort, or any exclusive privilege. [40 CFR 70.6(a)(6)(iv) and Regulation No. 26 §26.701(F)(4)]
14. The permittee must furnish to the Director, within the time specified by the Director, any information that the Director may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee must also furnish to the Director copies of records required by the permit. For information the permittee claims confidentiality, the Department may require the permittee to furnish such records directly to the Director along with a claim of confidentiality. [40 CFR 70.6(a)(6)(v) and Regulation No. 26 §26.701(F)(5)]
15. The permittee must pay all permit fees in accordance with the procedures established in Regulation No. 9. [40 CFR 70.6(a)(7) and Regulation No. 26 §26.701(G)]
16. No permit revision shall be required. under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes provided for elsewhere in this permit. [40 CFR 70.6(a)(8) and Regulation No. 26 §26.701(H)]
17. If the permit allows different operating scenarios, the permittee will, contemporaneously with making a change from one operating scenario to another, record in a log at the permitted facility a record of the operational scenario. [40 CFR 70.6(a)(9)(i) and Regulation No. 26 §26.701(I)(1)]
18. The Administrator and citizens may enforce under the Act all terms and conditions in this permit, including any provisions designed to limit a source's potential to emit, unless the Department specifically designates terms and conditions of the permit as being federally unenforceable under the Act or under any of its applicable requirements. [40 CFR 70.6(b) and Regulation No. 26 §26.702(A) and (B)]
19. Any document (including reports) required by this permit must contain a certification by a responsible official as defined in Regulation No. 26 §26.2. [40 CFR 70.6(c)(1) and Regulation No. 26 §26.703(A)]
20. The permittee must allow an authorized representative of the Department, upon presentation of credentials, to perform the following: [40 CFR 70.6(c)(2) and Regulation No. 26 §26.703(B)]
 - a. Enter upon the permittee's premises where the permitted source is located or emissions-related activity is conducted, or where records must be kept under the conditions of this permit;
 - b. Have access to and copy, at reasonable times, any records required under the conditions of this permit;

Facility: AR Western Gas Company - Lone Elm Compressor Station
Permit No.: 1450-AOP-R2
AFIN: 24-00104

- c. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
 - d. As authorized by the Act, sample or monitor at reasonable times substances or parameters for assuring compliance with this permit or applicable requirements.
21. The permittee will submit a compliance certification with the terms and conditions contained in the permit, including emission limitations, standards, or work practices. The permittee must submit the compliance certification annually within 30 days following the last day of the anniversary month of the initial Title V permit. The permittee must also submit the compliance certification to the Administrator as well as to the Department. All compliance certifications required by this permit must include the following: [40 CFR 70.6(c)(5) and Regulation No. 26 §26.703(E)(3)]
- a. The identification of each term or condition of the permit that is the basis of the certification;
 - b. The compliance status;
 - c. Whether compliance was continuous or intermittent;
 - d. The method(s) used for determining the compliance status of the source, currently and over the reporting period established by the monitoring requirements of this permit; and
 - e. Such other facts as the Department may require elsewhere in this permit or by §114(a)(3) and §504(b) of the Act.
22. Nothing in this permit will alter or affect the following: [Regulation No. 26 §26.704(C)]
- a. The provisions of Section 303 of the Act (emergency orders), including the authority of the Administrator under that section;
 - b. The liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance;
 - c. The applicable requirements of the acid rain program, consistent with §408(a) of the Act; or
 - d. The ability of EPA to obtain information from a source pursuant to §114 of the Act.
23. This permit authorizes only those pollutant-emitting activities addressed in this permit. [A.C.A. §8-4-203 as referenced by §8-4-304 and §8-4-311]

CERTIFICATE OF SERVICE

I, Pam Owen, hereby certify that a copy of this permit has been mailed by first class mail to AR
Western Gas Company - Lone Elm Compressor Station, P.O. Box 13288, Fayetteville, AR,
72703, on this 13th day of June, 2008.

Pam Owen

Pam Owen, AAI, Air Division

