



STATE OF WYOMING
 Department of Environmental Quality - Air Quality Division
Blowdown/Venting Permit Application



submit (1) one signed original copy AND (1) one electronic copy of the application OR (3) paper copies, one w/ original signature

Company Name _____

Official Contact Person

Name _____ Title _____

Address _____

Telephone _____ Fax _____ E-mail _____

This form serves as a Wyoming Air Quality Standards and Regulations, Chapter 6, Section 2 permit application to conduct blowdown and venting activities per the Best Management Practices described in the Chapter 6, Section 2 Oil and Gas Production Facilities Permitting Guidance, revised March 2010. Please check the appropriate box, 1 or 2, below.

If box 2 is checked, the applicant must submit supplemental information with this form describing the permit conditions under which the company proposes to conduct blowdown and venting activities.

box 1 Applicant is applying for a permit with the conditions listed on page 2 of this form.

box 2 Applicant is applying for a permit with conditions other than those listed on page 2 of this form.

_____ Responsible Official Title

Signature _____ Date _____

Signature Required



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The conditions of this permit apply to blowdown and venting activities occurring at the oil and gas production facilities described under the Chapter 6, Section 2 Oil and Gas Production Facilities Permitting Guidance. The conditions of this permit are not applicable to well completion or recompletion activities which are covered under a Chapter 6, Section 2 Well Completions and Re-completions Permit.

1. Authorized representatives of the Division of Air Quality be given permission to enter and inspect any property, premise or place on or at which an air pollution source is located or is being constructed or installed for the purpose of investigating actual or potential sources of air pollution and for determining compliance or non-compliance with any rules, standards, permits or orders.
2. All substantive commitments and descriptions set forth in the application for this permit, unless superseded by a specific condition of this permit, are incorporated herein by this reference and are enforceable as conditions of this permit.
3. All notifications, reports and correspondence required by this permit shall be submitted to Cynthia Madison, DEQ/AQD, 125 North Durbin Street, Suite 100, Casper, WY 82601 and a copy shall be submitted to the appropriate Air Quality District Engineer.
4. Emissions of volatile organic compounds (VOC) and hazardous air pollutants (HAP) resulting from episodes of manual and automatic blowdown and venting of hydrocarbon fluids (liquids and gas) associated with liquids unloading, well purging, wellbore depressurization, hydrate clearing, emergency operations, equipment depressurization, etc., shall be minimized to the extent practicable.
5. During manual blowdown and venting episodes personnel shall remain on site for the duration of the episode to ensure minimal gas venting occurs by ending the episode as soon as possible once the intended purpose for the episode has been accomplished. The requirement for personnel to remain on site does not apply to automated blowdown and venting episodes and does not apply to any episode where remaining on site might be considered a safety hazard.
6. For all manual and automatic blowdown and venting episodes the following shall be recorded:
 - A. Facility name and legal location (Section, Township, Range, County) and associated Air Quality Permit number;
 - B. Date, duration, start and end time;
 - C. Reason for episode i.e., unload well by venting well tubing to blowdown tank, relieve annulus pressure, depressurize well for downhole repair, etc.;
 - D. Measure(s) taken to ensure emissions were minimized to the extent practical;
 - E. Name of person(s) remaining on site for duration of **manual** blowdown and venting episode;
 - F. Summary of total volumes of hydrocarbon fluids (barrels of oil, condensate and water and MCF of gas) recovered and vented;
 - G. Estimated pounds of VOC and HAP emissions associated with the vapors vented to the atmosphere.
7. VOC and HAP emission estimates required under condition 6G shall be determined using the spreadsheets provided by the Division (see Appendix A). An emission estimation method other than that provided by the Division may be used upon approval.
8. Six (6) months after the date of issuance of this permit, a summary of the information recorded under condition 6 shall be submitted to the Division. (see condition 3) The records shall include all gas analyses used as sources for the input information in the spreadsheets required under condition 7.
9. The Division will reopen and revise this permit, as necessary, to add or delete requirements should the Division determine that:
 - A. The practical application of the terms and conditions of the permit are unfeasible or fail to achieve the intent of the permit, or;
 - B. The monitoring, recordkeeping, notification or reporting requirements are inadequate to assure compliance with applicable requirements.
- 10 All records required under this permit shall be kept for a period of at least five (5) years and shall be made available to the Division upon request.



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APPENDIX A

Spreadsheets for calculating VOC and HAP emissions associated with tubing, casing and annular venting are available on the AQD website or copies may be obtained by contacting Cynthia Madison at (307) 473-3475 or <cmadis@wyo.gov>

DEQ/AQD District Engineer Contact Information

District 1 (Albany, Goshen, Laramie, Niobrara, Platte)

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