



COALEX STATE INQUIRY REPORT – 127
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TOPIC:

- I. SEALING EXPLORATORY DRILLED HOLES
- II. SEALING DRILLED HOLES IN ACTIVE PERMIT AREAS

INQUIRY: Locate state statutes and rules which regulate the following:

- I. Sealing of exploratory drilled holes, in particular, any regulations regarding on-site inspection requirements
- II. Sealing of drilled holes in active permit areas, in particular, reclamation requirements

SEARCH RESULTS: Research was conducted using the COALEX Library on LEXIS. The full text of some sections are provided; for others, only excerpts are included. The most relevant sections or sections whose language differs from the federal regulatory language are grouped separately from the materials which duplicate the federal language.

I. SEALING EXPLORATORY DRILLED HOLES

Section 512 of SMCRA, 30 U.S.C. 1262, entitled "Coal Exploration Permits", sets forth the requirements for coal exploration operations.

OSM rules regulating coal exploration notice and permit requirements are found at 30 CFR Part 772 (originally Part 776). 30 CFR Part 815 provides the performance standards for coal exploration. Specifically, subsection 815.15(g) addresses the requirements for reclaiming any "exploration hole, borehole, well, or other exposed underground opening".

Generally, state regulations follow the federal rules, requiring those exploration operations which "substantially disturb" the land to comply with the applicable performance standards for surface and underground coal mining, Parts 816-828. (See the attached excerpts from September 8, 1983 Federal Register, 48 FR 40622).

States with regulations which specifically address inspection of sealed holes drilled during the exploration operation or regulations of particular interest are discussed below and are listed in Attachment section B. State sections regulating prospecting appear in Attachment section C. Examples of state regulations which follow the federal language appear in Attachment section D (with text attached). Attachment section E lists other state statute and regulatory sections which follow the federal language (no text is included for these sections).



INDIANA

Regulation 310 IAC 12-3-12, following Statute Sec. 13-4-5-5, calls for the maintenance of records of each hole drilled, "including the date drilled, the date plugged, the method of sealing or casing...and the location of the drill hole." Statute Sec. 13-4-5-5 also authorizes inspection of the test hole sites and drill records.

KANSAS

Regulations 82-2-301 through 312 set forth the rules for drilling and plugging oil and gas wells and exploratory holes. Included are the following rules:

- a. Written notice must be provided to the conservation division indicating the intention of an owner to abandon a well. A "duly authorized representative" will be sent to "supervise the plugging of such well." Sec. 82-2-302.
- b. Specific procedures for plugging wells are listed in Sec. 82-2-303.
- c. Within 30 days after the plugging of a well, an owner must file an affidavit reporting on the plugging of the well. Sec. 82-2-304.

NORTH DAKOTA

The industrial commission, acting through the office of the state geologist, has the authority to "inspect all drilling or exploration sites." Statute Sec. 38-12.1-04.

VIRGINIA

Oil and gas inspectors are authorized to "enforce the oil and gas laws of this state" and "observe" drilling and casing. Statute Sec. 45.1-111.

WYOMING

Within 12 months after a "hole completion", an inspection of the hole and "surface restoration work" must be made, in order to "make a determination of whether to release [the exploration] bond". Sec. 5 of Chap. XV of the state regulations.

ATTACHMENTS

I. SEALING EXPLORATORY DRILLED HOLES

- A. **Excerpts from 48 FR 40622 (SEPTEMBER 8, 1983).**
- B. **SECTIONS ADDRESSING INSPECTION AND OTHER REGULATIONS OF PARTICULAR INTEREST.**

1. INDIANA

- a. Ind. Admin. Code title 310, r. 12-3-12 (1983). Coal Mining and Reclamation Operations. Permitting procedures. General requirements; Coal exploration.
- b. Ind. Code Sec. 13-4-5-5 (1980). Environment. Soil and Minerals. Pollution control: Test holes. Powers and duties of commission.



- c. Ind. Code Sec. 13-4-5-8 (1980). Environment. Soil and Minerals. Pollution control: Test holes. Duty to plug test holes; Manner; Notice to commission; Affidavit.
- d. Meetings of minutes between OSM and the Indiana Dept. of Natural Resources (5/15/82 and 5/19/82). Performance standards.
- e. Meetings of minutes between OSM and the Indiana Dept. of Natural Resources (5/15/82 and 5/19/82). Permitting. Coal exploration.
- f. Meetings of minutes between OSM and the Indiana Dept. of Natural Resources (5/15/82 and 5/19/82). Performance standards. Coal exploration.
- g. Ind. Admin. Code title 310, r. 12-5-3 (1985). Coal Mining and Reclamation Operations. Performance Standards. Coal exploration.
- h. LSA Document No. 82-9, Sec. 6 (1982), amending Ind. Admin. Code title 310, r. 12-3-13.
- i. Ind. Code Sec. 13-4.1-7-1 (1987). Environment. Surface Coal Mining and Reclamation. Coal exploration. Notice of intention to explore; Permission of director.

2. **KANSAS**

- a. Kan. Admin. Regs. 82-2-301 (1980). Drilling and plugging of oil or gas wells and seismic core or exploratory holes. Oil, gas and water to be protected.
- b. Kan. Admin. Regs. 82-2-302 (1980). Drilling and plugging of oil or gas wells and seismic core or exploratory holes. Notice of intention to abandon well; Supervision.
- c. Kan. Admin. Regs. 82-2-303 (1980). Drilling and plugging of oil or gas wells and seismic core or exploratory holes. Plugging methods and procedure.
- d. Kan. Admin. Regs. 82-2-304 (1980). Drilling and plugging of oil or gas wells and seismic core or exploratory holes. Affidavit on completion; Copies.
- e. Kan. Admin. Regs. 82-2-305 (1980). Drilling and plugging of oil or gas wells and seismic core or exploratory holes. Holes penetrating salt water formations; Notice of intention to drill./
- f. Kan. Admin. Regs. 82-2-306 (1980). Drilling and plugging of oil or gas wells and seismic core or exploratory holes. Seismic, core and other exploratory holes to be plugged; Affidavit./
- g. Kan. Admin. Regs. 82-2-307 (1980). Drilling and plugging of oil or gas wells and seismic core or exploratory holes. Plugging methods and procedure for seismic, core and other exploratory holes.
- h. Kan. Admin. Regs. 82-2-308 (1980). Drilling and plugging of oil or gas wells and seismic core or exploratory holes. Wells used for fresh water.
- i. Kan. Admin. Regs. 82-2-309 (1980). Drilling and plugging of oil or gas wells and seismic core or exploratory holes. Costs.



- j. Kan. Admin. Regs. 82-2-310 (1980). Drilling and plugging of oil or gas wells and seismic core or exploratory holes. Licenses for seismic and core hole drillers; Well pluggers.
 - k. Kan. Admin. Regs. 82-2-311 (1980). Drilling and plugging of oil or gas wells and seismic core or exploratory holes. Licenses; Application, contents and approval.
 - l. Kan. Admin. Regs. 82-2-312 (1980). Drilling and plugging of oil or gas wells and seismic core or exploratory holes. Licenses; Complaints; Hearing.
 - m. Kan. Stat. Ann. Sec. 82a-1202 (1980). Waters and Watercourses. Kansas Groundwater Exploration and Protection Act. Declaration of purpose.
 - n. Kan. Stat. Ann. Sec. 82a-1205 (1980). Waters and Watercourses. Kansas Groundwater Exploration and Protection Act. Administration and enforcement of act; License fees; Licenses; Inspection; Personnel; Report.
 - o. Kan. Stat. Ann. Sec. 82a-1213 (1980). Waters and Watercourses. Kansas Groundwater Exploration and Protection Act. Abandoned holes; Plugging; Failure to properly seal.
3. **NORTH DAKOTA**
- a. N.D. Cent. Code Sec. 38-12.1-04 (1983). Coal Exploration Data. Jurisdiction of commission.
 - b. Letter from Allen I. Olson to Karlene Fine (7/22/80). Re: Repeal, redraft and adoption of new sections to the Coal Exploration sections of the N.D. Admin. Code. N.D. industrial commission authority to promulgate, make and issue rules and regulations.
 - c. N.D. Admin. Code Sec. 43-02-01-10 (1980). Coal Exploration. Mineral Exploration and Development. Bond.
4. **VIRGINIA**
- a. Va. Code Ann. Sec. 45.1-111 (1980). Mines and Mining. Oil and Gas. Chief of the Division of Mines. Duties of oil and gas inspectors.
5. **WYOMING**
- a. Land Quality Div. of Dept. of Environmental Quality. Chap. XV, Sec. 5 (1980). Exploration by Drilling. Termination and report of operations.

C. SECTIONS REGULATING DRILL HOLES UNDER PROSPECTING RULES.

1. MONTANA

- a. Mont. Admin R. 26.4.1001 (1980). Strip and Underground Mine Reclamation Act: Prospecting. Application requirements.
- b. Mont. Admin. R. 26.4.1005 (1980). Strip and Underground Mine Reclamation Act: Prospecting. Drill holes.
- c. Mont. Admin. R. 26.4.1013 (1980). Strip and Underground Mine Reclamation Act: Prospecting. Drilling.
- d. Mont. Code Ann. Sec. 82-4-226 (1980). Minerals, Oil, and Gas. Reclamation. Coal and Uranium Mine Reclamation. Prospecting permit.



2. MARYLAND

- a. Md. Ann. Code art. 7, Sec. 7-514.6 (1985). Mines and Mining; Strip Mining of Coal. Natural Resources. Prospecting for coal.
- b. Md. Regs. Code tit. 08, Sec. 08.13.09.07 (1986). Dept. of Natural Resources. Energy and Coastal Zone Administration. Surface Coal Mining and Reclamation under Federally Approved Program. Prospecting.

3. WEST VIRGINIA

- a. W. Va. Code Sec. 5A.01 (1983). Prospecting. Requirements of a notice of intent to prospect. Notice of intent to prospect - less than 250 tons.
- b. W. Va. Code Sec. 5B.05 (1983). Prospecting. Performance Standards. Method of operation.

D. SECTIONS THAT MIRROR THE LANGUAGE OF THE FEDERAL REGULATIONS.

1. ALABAMA

- a. Rules of Alabama Surface Mining Commission, Sec. 880-X-10B-.03 (1983). Performance Standards -- Coal Exploration. Exploratory drilling.
- b. Rules of Alabama Surface Mining Commission, Sec. 880-X-10B-.06 (1984). Performance Standards -- Coal Exploration. Performance standards for coal exploration.

2. ILLINOIS

- a. Ill. Surface Coal Mining Land Conservation and Reclamation Act, Sec. 4.04 (1980). Performance Standards for Underground Mining. Exploratory holes.
- b. Ill Reg. Sec. 1815.15 (1988). Mining. Dept. of Mines and Minerals. Permanent Program Performance Standards: Coal Exploration. Performance standards for coal exploration.

3. MISSOURI

- a. Mo. Code Regs. tit. 10, Sec. 40-4.010 (1988). Land Reclamation Commission. Permanent Performance Requirements for Special Mining Activities. Coal exploration requirements.

4. NEW MEXICO

- a. N.M. Coal Surface Mining Regulations, Sec. 9-18 (1989). Surface Coal Mining and Reclamation Operations, and Coal Exploration Approval Systems. Permit Application -Minimum Requirement for Reclamation and Operations Plan. Reclamation plan; General requirements.
- b. N.M. Coal Surface Mining Regulations, Sec. 19-15 (1982). Performance Standards - Coal Exploration. Performance standards for coal exploration.

5. WYOMING

- a. Dept. of Environ. Quality, Land Quality Div., Rules and Regulations, Chap. XI Sec. 4 (1984). Coal Exploration. Exploration and reclamation performance standards.



- b. Wyo. Stat. Sec. 35-11-414 (1975). Land Quality. Application; standards; fee; bond; denial; appeal.

E. LIST OF OTHER STATE STATUTE AND REGULATORY SECTIONS WHICH FOLLOW THE FEDERAL LANGUAGE. (Copies of these sections are not included with the report.)

1. ALASKA

- a. Alaska Admin Code Sec. 11 AAC 90.163 (1983). Surface Coal Mining. Exploration. Exploration that substantially disturbs the natural land surface.
- b. Alaska Admin Code Sec. 11 AAC 90.167 (1983). Surface Coal Mining. Exploration. Exploration bonding and performance standards.

2. COLORADO

- a. Colo. Surface Coal Mining Reclamation Act, Sec. 4.21.4 (1987). Performance Standards. Coal Exploration. Performance standards.

3. IOWA

- a. Iowa Admin. Code r. 4.312(3) (1981). Surface Coal Mining and Reclamation Operations. General Requirements for Coal Exploration. General requirements; Exploration of more than 50 tons.
- b. Iowa Admin. Code r. 4.521(4) (1981). Surface Coal Mining and Reclamation Operations. Permanent Program Performance Standards -- Coal Exploration. Performance standards for coal exploration.

4. KENTUCKY

- a. 405 Ky. Admin. Regs. 16:040E (1982). Performance Standards for Surface Mining Activities. Casing and sealing of drilled holes; Preamble.
- b. 405 Ky. Admin. Regs. 20:010E, Sec. 3 (1982). Special Performance Standards. Coal exploration. Performance standards for coal exploration.

5. LOUISIANA

- a. La. Surface Mining Regulations Statewide Order 29-0-1, Sec. 215.15 (1980). Permanent Program Performance Standards - Coal Exploration. Performance standards for coal exploration or development.

6. MISSISSIPPI

- a. Miss. Code Ann. Sec. 176.12 (1980). General Requirements for Coal Exploration. General requirements; Exploration of more than 250 tons.
- b. Miss. Code Ann. Sec. 215.15 (1980). Permanent Program Performance Standards - Coal Exploration. Performance standard for coal exploration.

7. NORTH DAKOTA

- a. N.D. Admin. Code Sec. 43-02-01-20 (1980). Coal Exploration. Mineral Exploration and Development. Performance standards for coal exploration.

8. OHIO

- a. Ohio Admin. Code Sec. 1501:13-8-01 (1987). Coal Exploration. Performance standards.



9. OKLAHOMA

- a. Okla. Permanent Regulatory Program Regulations, Surface Coal Mining and Reclamation Operations Sec. 815.15 (1982). Permanent Program Performance Standards - Coal Exploration. Performance standards for coal exploration.

10. TEXAS

- a. State Program Submission of the Railroad Commission, Surface Mining and Reclamation Division, Sec. 051.07.04.327 (1980). Permanent Program Performance Standards - Coal Exploration. Performance standards for coal exploration.

11. UTAH

- a. Final Rules of the Utah Board and Div. of Oil, Gas and Mining, Sec. UMC 815.15 (1981). Regulations Pertaining to Surface Effects of Underground Coal Mining Activities. Permanent Program Performance Standards - Coal Exploration. Performance standards for coal exploration.

12. VIRGINIA

- a. Va. Dept. of Mines, Minerals and Energy, Div. of Mined Land Reclamation, Coal Surface Mining Reclamation Regulations, Sec. 480-03-19.815.15 (1986). Permanent Program Performance Standards - Coal Exploration. Performance standards for coal exploration.

II. SEALING DRILLED HOLES IN ACTIVE PERMIT AREAS.

The sections which regulate the sealing of drilled holes are as follows:

Surface Mining Performance Standards

- 816.13 Casing and sealing of drilled holes; General requirements
- 816.14 Casing and sealing of drilled holes; Temporary
- 816.15 Casing and sealing of drilled holes; Permanent

Underground Mining Performance Standards

- 817.13 Casing and sealing of exposed underground openings; General requirements
- 817.14 Casing and sealing of underground openings; Temporary
- 817.15 Casing and sealing of underground openings; Permanent

Generally, the state regulations follow the language of the federal rules. States with regulations of particular interest are discussed below and are listed in Attachment section A. Examples of state sections which follow the language of the federal regulations are included as Attachment section B (text is attached). The list of the other state sections which follow the federal rules appears as Attachment section C (no text is included for these sections).



COLORADO

Regulation section 4.07.3 provides specific hole plugging procedures and states the reporting requirements for abandoned drill holes.

PENNSYLVANIA

These sections include regulations for sealing gas and oil wells.

WYOMING

Sec. 3 of Chapter XV provides specific procedures for plugging drilled holes.

ATTACHMENTS:

II. SEALING DRILLED HOLES IN ACTIVE PERMIT AREAS.

A. SECTIONS OF PARTICULAR INTEREST.

1. COLORADO

- a. Colo. Surface Coal Mining Reclamation Act, Sec. 4.07.1 (1986). Performance Standards. Sealing of drilled holes and underground openings; General requirements.
- b. Colo. Surface Coal Mining Reclamation Act, Sec. 4.07.2 (1986). Performance Standards. Sealing of drilled holes and underground openings; Temporary sealing.
- c. Colo. Surface Coal Mining Reclamation Act, Sec. 4.07.3 (1986). Performance Standards. Sealing of drilled holes and underground openings; Permanent sealing.

2. PENNSYLVANIA

- a. 25 Pa. Code Sec. 87.93 (1982). Environmental Resources. Surface Mining of Coal. Casing and sealing of drilled holes: General requirements.
- b. 25 Pa. Code Sec. 87.94 (1982). Environmental Resources. Surface Mining of Coal. Casing and sealing of drilled holes: Temporary.
- c. 25 Pa. Code Sec. 87.95 (1982). Environmental Resources. Surface Mining of Coal. Casing and sealing of drilled holes: Permanent.
- d. 25 Pa. Code Sec. 89.54 (1982). Environmental Resources. Underground Mining of Coal and Coal Preparation Facilities. Preventing Discharges from Underground Mines.
- e. 25 Pa. Code Sec. 89.83 (1982). Environmental Resources. Underground Mining of Coal and Coal Preparation Facilities. Closing of Underground Mine Openings.
- f. 25 Pa. Code Sec. 89.93 (1982). Environmental Resources. Underground Mining of Coal and Coal Preparation Facilities. Casing and sealing of drilled holes and underground workings; General requirements.
- g. 25 Pa. Code Sec. 90.95 (1982). Environmental Resources. Coal Refuse Disposal. Casing and sealing of drilled holes and underground workings: Permanent.

3. WYOMING



- a. Dept. of Environ. Quality, Land Quality Div., Rules and Regulations, Chap. XV Sec. 3 (1980). Exploration by Drilling. General completion and restoration requirements.
- b. Dept. of Environ. Quality, Land Quality Div., Rules and Regulations, Chap. XV Sec. 1 (1980). Exploration by Drilling. Conduct of exploration by drilling.
- c. Dept. of Environ. Quality, Land Quality Div., Rules and Regulations, Chap. IV Sec. 3 (1986). Environmental Protection Performance Standards. Special environmental protection performance standards applicable to surface coal mining and reclamation operations.

B. SECTIONS THAT MIRROR THE LANGUAGE OF THE FEDERAL REGULATIONS.

1. KENTUCKY

- a. 405 Ky. Admin. Regs. 16:040E, Sec. 1-3 (1982). Performance Standards for Surface Mining Activities. Casing and sealing of drilled holes. Sec. 1: General requirements. Sec. 2: Temporary. Sec. 3: Permanent.
- b. 405 Ky. Admin. Regs. 18:040E, Sec. 1-3 (1982). Performance Standards for Underground Mining Activities. Casing and sealing of underground openings. Sec. 1: General requirements. Sec. 2: Temporary. Sec. 3: Permanent.

2. MISSOURI

- a. Mo. Reg. Vol. 5, No. 9, Sec. 10 CSR 40-3.180 (9/2/80). {Proposed rules} Dept. of Natural Resources; Land Reclamation Commission. Permanent Performance Requirements for Surface Coal Mining and Related Activities. Casing and sealing of exposed underground openings.
- b. Mo. Reg. Vol 4, No. 11, Sec. 10 CSR 40-3.020 (11/01/79) {Proposed rules}. Dept. of Natural Resources; Land Reclamation Commission. Permanent Performance Requirements for Surface Coal Mining and Related Activities. Requirements for casing and sealing of drilled holes.

3. MONTANA

- a. Mont. Admin. R. 26.4.632 (1980). Strip and Underground Mine Reclamation Act: Transportation Facilities. Use of Explosives and Hydrology. Permanent sealing of drilled holes.
- b. Mont. Admin. R. 26.4.903 (1980). Strip and Underground Mine Reclamation Act: Underground Coal and Uranium Mining. General performance standards.

4. OHIO

- a. Ohio Admin. Code Sec. 1501:13-9-02 (1982). Casing and sealing of drilled holes.

5. VIRGINIA

- a. Va. Regs. Reg. Sec. 480-03-19.816.13 through 480-03-19.816.15 (1986). Dept. of Mines, Minerals, and Energy; Div. Mined Land Reclamation. Coal Surface Mining Reclamation Regulations. Permanent Program Performance Standards - Surface Mining Activities. Sec. 480-03-19.816.13: Casing and sealing of drilled holes: General requirements. Sec.



480-03-19.816.14: Casing and sealing of drilled holes: Temporary. Sec. 480-03-19.816.15: Casing and sealing of drilled holes: Permanent.

- b. Va. Regs. Reg. Sec. 480-03-19.817.13 through 480-03-19.817.15 (1986). Dept. of Mines, Minerals, and Energy; Div. Mined Land Reclamation. Coal Surface Mining Reclamation Regulations. Permanent Program Performance Standards - Underground Mining Activities. Sec. 480-03-19.817.13: Casing and sealing of exposed underground openings: General requirements. Sec. 480-03-19.817.14: Casing and sealing of underground openings: Temporary. Sec. 480-03-19.817.15: Casing and sealing of underground openings: Permanent.

C. LIST OF OTHER STATE STATUTE AND REGULATORY SECTIONS WHICH FOLLOW THE FEDERAL LANGUAGE. (Copies of these sections are not included with the report.)

1. ALABAMA

- a. Rules of the Ala. Surface Mining Commission Sec. 880-X-10C-.04 and 880-X-10C-.05 (1983). Performance Standards - Surface Mining Activities.
- b. Rules of the Ala. Surface Mining Commission Sec. 880-X-10D-.04 and 880-X-10D-.05 (1983). Performance Standards - Underground Mining Activities.

2. ALASKA

- a. Alaska Admin. Code Sec. 11 AAC 90.303 and 11 AAC 90.305 (1983). Surface Coal Mining. Performance Standards.

3. ARKANSAS

- a. Ark. Surface Coal Mining and Reclamation Code, Sec. 816.13, 816.14-S, 816.14-U, and 816.15 (1980). Permanent Program Performance Standards.

4. ILLINOIS

- a. Ill. Admin. Code tit. 62, Sec. 1816.13 - 1816.15 (1988). Permanent Program Performance Standards - Surface Mining Activities.
- b. Ill. Admin. Code tit. 62, Sec. 1817.13 - 1817.15 (1988). Permanent Program Performance Standards - Underground Mining Operations.

5. INDIANA

- a. Ind. Reg., Vol. 4 No. 11, 11/01/81. LSA Document No. 1-92(F) Sec. 1. Reg. Sec. 310 IAC 12-5-8 through 310 IAC 12-5-10 and Reg. Sec. 310 IAC 12-5-74 through 310 IAC 12-5-76. Performance Standards.

6. IOWA

- a. Iowa Admin. Code r. 4.522(2) - 4.522(4) (1981). Permanent Program Performance Standards - Surface Mining Activities.
- b. Iowa Admin. Code r. 4.523(2) - 4.522(4) (1981). Permanent Program Performance Standards - Underground Mining Activities.

7. LOUISIANA

- a. La. Surface Mining Regulations Statewide Order 29-0-1, Sec. 216.13 - 216.15 (1980). Permanent Program Performance Standards Surface Mining Activities.

8. MARYLAND



- a. Md. Regs. Code tit. 08, Sec. 08.13.09.13 and 08.13.09.23 (1982). Dept. of Natural Resources, Energy and Coastal Zone Admin., Surface Coal Mining and Reclamation Under Federally Approved Program.
- 9. MISSISSIPPI**
- a. Miss. Surface Coal Mining and Reclamation Regulations, Sec. 216.13 - 216.15 (1980). Permanent Program Performance Standards - Surface Mining Activities.
 - b. Miss. Surface Coal Mining and Reclamation Regulations, Sec. 217.13 - 217.15 (1980). Permanent Program Performance Standards - Underground Mining Activities.
- 10. NEW MEXICO**
- a. N. Mex. Proposed Surface Mining Regulations, Sec. 20-13 through 20-15 (1980). Performance Standards - Surface Coal Mining Operations.
- 11. NORTH DAKOTA**
- a. N.D. Rules Governing the Reclamation of Surface-Mined Land, Sec. 69-05.2-14-01 through 69-05.2-14-03 (1983). Performance Standards.
- 12. OKLAHOMA**
- a. Okla. Permanent Regulatory Program Regulations, Surface Coal Mining and Reclamation Operations, Sec. 816.13 - 816.15 (1982). Permanent Program Performance Standards - Surface Mining Activities and Exploration Over 250 Tons.
 - b. Okla. Permanent Regulatory Program Regulations, Surface Coal Mining and Reclamation Operations, Sec. 817.13 - 817.15 (1982). Permanent Program Performance Standards - Underground Mining Activities.
- 13. TEXAS**
- a. State Program Submission of the Railroad Commission, Surface Mining and Reclamation Div., Sec. 051.07.04.331 - 051.07.04.333 (1980). Permanent Program Performance Standards - Surface Mining Activities.
 - b. State Program Submission of the Railroad Commission, Surface Mining and Reclamation Div., Sec. 051.07.04.501 - 051.07.04.503 (1980). Permanent Program Performance Standards - Underground Mining Activities.
- 14. UTAH**
- a. Final Rules of the Utah Board and Div. of Oil, Gas and Mining, Sec. UMC 817.13 - UMC 817.15 (1981). Permanent Program Performance Standards, Underground Coal Mining Act.