



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
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Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

Folder #2

DIVISION OF OIL GAS & MINING
FIELD VISIT FORM
TECHNICAL

Date: May 13, 1998
Time: 11:15
Mine: Willow Creek
File Number: Act/007/038 #2
DOG M Staff: Sharon Falvey
Other Attendees: Ben Grimes, Johnny Pappus

Purpose: To address questions regarding the Barn Canyon fan portal and road drainage.

Observations: A small flow from Snow Melt run off was flowing down the road during the site visit.

Recommendations/Conclusions: The road as it presently exists has a lot of rock in the substrate and appears stable for the existing use. The stability appears adequate for short term use for heavy truck traffic. Water can be diverted off the road into the pre-existing channel. Drainage can be controlled by including two short drainage ditch sections parallel to the road, 3 culverted sections, and some water bars. Drainage can be adequately convey flow off the road without extensively altering the existing road. These drainages when implemented properly should improve the existing road and return drainage into sections of the original channel.

Signature: Sharon K Falvey on May 15, 1998
Initialed by: [Signature] on 5/15/98
(Permit Supervisor) (Date)



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING



Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
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August 29, 1997

TO: File

THRU: Daron Haddock, Permit Supervisor 

FROM: Wayne H. Western, Senior Reclamation Specialist *w # w*

RE: Revised Bond Calculation, AMAX Coal Company, Castle Gate Mine, ACT/007/004, File #2, Carbon County, Utah

Summary

The Castle Gate Bond should be changed to \$1,804,000.

Analysis:

Johnny Pappas requested that the Division increase the bond for the Castle Gate mine from \$1,792,000 to \$1,804,000. The reason for the request is so that the Division's estimate and the Permittee's estimate are the same. The Division made the adjustment to the bond calculations.

Recommendation:

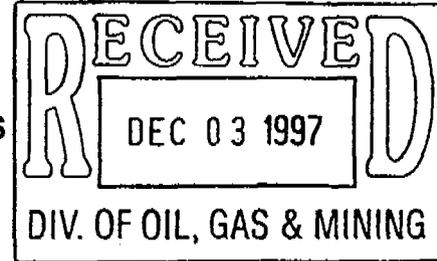
The bond amount for the Castle Gate Mine should be \$1,804,000.

FEDERAL

PERMIT
ACT/007/004

November 4, 1997

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801



This permit, ACT/007/004, is issued for the State of Utah by the Utah Division of Oil, Gas and Mining (Division) to:

Amax Coal Company
P. O. Drawer PMC
Price, Utah 84501
(801) 637-2875

for the Castle Gate Mine. Amax Coal Company has rights of entry to the permit area described below, and these rights of entry are contained in leases, subleases and related documentation. A Surety Bond is filed with the Division in the amount of \$1,804,000, payable to the State of Utah, Division of Oil, Gas and Mining and the Office of Surface Mining Reclamation and Enforcement (OSM).

Sec. 1 STATUTES AND REGULATIONS - This permit is issued pursuant to the Utah Coal Mining and Reclamation Act of 1979, Utah Code Annotated (UCA) 40-10-1 et seq, hereafter referred to as the Act.

Sec. 2 PERMIT AREA - The permittee is authorized to conduct underground coal mining activities on the following described lands within the permit area at the Castle Gate Mine situated in the state of Utah, Carbon County, and located in:

Township 12 South, Range 9 East, SLB & M

- Section 22:** Portions of SE1/4 SW1/4 and S1/2 SE1/4
- Section 26:** Portions of W1/2
- Section 27:** Except portions of NW1/4 and NW1/4 NW1/4 SW1/4
- Section 28:** Except portions of SE1/4 SE1/4 NE1/4, SE1/4, and SW1/4
- Section 29:** All except N1/2 NW1/4, NW1/4 NE1/4 and portions of S1/2 NE1/4, and N1/2 SE1/4
- Section 30:** All except N1/2 N1/2
- Sec. 31, 32,**
- Sec. 33, 34:** All
- Section 35:** Portions of N1/2, W1/2 SW1/4, and SE1/4

Township 13 South, Range 9 East, SLB & M

- Section 1: Portions of NW1/4 NW1/4**
- Section 2: Portions of NE1/4 and NW1/4**
- Section 3: NW1/4 and portions of NE1/4, SE1/4 and SW1/4**
- Section 4: N1/2 and portions of SE1/4 and SW1/4**
- Section 5: NE1/4 and portions of NW1/4, SE1/4 and SW1/4**
- Section 6: N1/2 and portions of SW1/4 and SE1/4**
- Section 8: Portion of NE1/4**
- Section 9: Portions of NE1/4, NW1/4 and SW1/4**
- Section 10: Portions of NE1/4 and NW1/4**

This legal description is for the permit area of the Castle Gate Mine as shown on Plate 1-1 of the approved Mining and Reclamation Plan. The permittee is authorized to conduct underground coal mining activities and related surface activities on the foregoing described property subject to the conditions of all applicable conditions, laws and regulations.

- Sec. 3 COMPLIANCE** - The permittee will comply with the terms and conditions of the permit, all applicable performance standards and requirements of the State Program.
- Sec. 4 PERMIT TERM** - This permit expires on December 24, 1999.
- Sec. 5 ASSIGNMENT OF PERMIT RIGHTS** - The permit rights may not be transferred, assigned or sold without the prior written approval of the Division Director. Transfer, assignment or sale of permit rights must be done in accordance with applicable regulations, including but not limited to 30 CFR 740.13{e} and R645-303-300.
- Sec. 6 RIGHT OF ENTRY** - The permittee shall allow the authorized representative of the Division, including but not limited to inspectors, and representatives of the Office of Surface Mining Reclamation and Enforcement (OSM), without advance notice or a search warrant, upon presentation of appropriate credentials and without delay to:

- (a) have the rights of entry provided for in 30 CFR 840.12, R645-400-220, 30 CFR 842.13 and R645-400-110;
- (b) be accompanied by private persons for the purpose of conducting an inspection in accordance with R645-400-100 and R645-400-200 when the inspection is in response to an alleged violation reported to the Division by a private person.

Sec. 7 **SCOPE OF OPERATIONS** - The permittee shall conduct underground coal mining activities only on those lands specifically designated as within the permit area on the maps submitted in the approved plan and approved for the term of the permit and which are subject to the performance bond.

Sec. 8 **ENVIRONMENTAL IMPACTS** - The permittee shall take all possible steps to minimize any adverse impact to the environment or public health and safety resulting from noncompliance with any term or condition of the permit, including, but not limited to:

- (a) Any accelerated or additional monitoring necessary to determine the nature of noncompliance and the results of the noncompliance;
- (b) Immediate implementation of measures necessary to comply; and
- (c) Warning, as soon as possible after learning of such noncompliance, any person whose health and safety is in imminent danger due to the noncompliance.

Sec. 9 **DISPOSAL OF POLLUTANTS** - The permittee shall dispose of solids, sludge, filter backwash or pollutants in the course of treatment or control of waters or emissions to the air in the manner required by the approved Utah State Program and the Federal Lands Program which prevents violation of any applicable state or federal law.

Sec. 10 **CONDUCT OF OPERATIONS** - The permittee shall conduct its operations:

- (a) In accordance with the terms of the permit to prevent significant, imminent environmental harm to the health and safety of the public; and

(b) Utilizing methods specified as conditions of the permit by the Division in approving alternative methods of compliance with the performance standards of the Act, the approved Utah State Program and the Federal Lands Program.

Sec. 11 **EXISTING STRUCTURES** - As applicable, the permittee will comply with R645-301 and R645-302 for compliance, modification, or abandonment of existing structures.

Sec. 12 **RECLAMATION FEE PAYMENTS** - The operator shall pay all reclamation fees required by 30 CFR Part 870 for coal produced under the permit, for sale, transfer or use.

Sec. 13 **AUTHORIZED AGENT** - The permittee shall provide the names, addresses and telephone numbers of persons responsible for operations under the permit to whom notices and orders are to be delivered.

Sec. 14 **COMPLIANCE WITH OTHER LAWS** - The permittee shall comply with the provisions of the Water Pollution Control Act (33 USC 1151 et seq.), and the Clean Air Act (42 USC 7401 et seq.), UCA 26-11-1 et seq., and UCA 26-13-1 et seq.

Sec. 15 **PERMIT RENEWAL** - Upon expiration, this permit may be renewed for areas with the boundaries of the existing permit in accordance with the Act, the approved Utah State Program and the Federal Lands Program.

Sec. 16 **CULTURAL RESOURCES** - If, during the course of mining operations, previously unidentified cultural resources are discovered, the permittee shall ensure that the site(s) is not disturbed and shall notify the Division. The Division, after coordination with OSM, shall inform the permittee of necessary actions required. The permittee shall implement the mitigation measures required by Division within the time frame specified by Division.

Sec. 17 **APPEALS** - The permittee shall have the right to appeal as provided for under R645-300-200.

Sec. 18 **SPECIAL CONDITIONS** - There are special conditions associated with this permitting action as described in Attachment A.

Sec. 18 SPECIAL CONDITIONS - There are special conditions associated with this permitting action as described in Attachment A.

The above conditions (Secs. 1-18) are also imposed upon the permittee's agents and employees. The failure or refusal of any of these persons to comply with these conditions shall be deemed a failure of the permittee to comply with the terms of this permit and the lease. The permittee shall require his agents, contractors and subcontractors involved in activities concerning this permit to include these conditions in the contracts between and among them. These conditions may be revised or amended, in writing, by the mutual consent of the Division and the permittee at any time to adjust to changed conditions or to correct an oversight. The Division may amend these conditions at any time without the consent of the permittee in order to make them consistent with any federal or state statutes and any regulations.

THE STATE OF UTAH

By: James P. Bampton

Date: 11/4/97

I certify that I have read, understand and accept the requirements of this permit and any special conditions attached.

PERMITTEE

DW Frank J. Wood
Authorized Representative of Permittee

11/20/97
Date

ACT/007/004
Permit
November 4, 1997
Page 6

ATTACHMENT A

Special Permit Stipulation - Within fourteen (14) days of completion of the resolution of the Pittston litigation, as referenced in the Applicant Violator System OSM recommendation, Amax Coal Company will notify the Division of the terms of resolution.

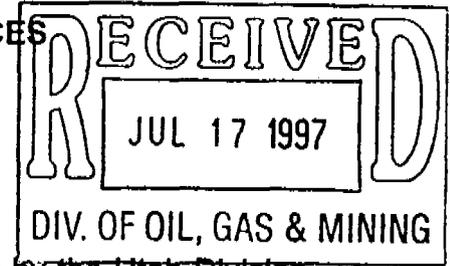
Original - Fire Proof
ACT/007/038 #3
Green Binder
Pam

FEDERAL

Permit Number ACT/007/038

June 26, 1997

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801
(801) 538-5340



This permit, ACT/007/038, is issued for the state of Utah by the Utah Division of Oil, Gas and Mining (Division) to:

Cyprus Plateau Mining Corporation
P.O. Box PMC
Price, Utah 84501
(801-637-2875)

for the Willow Creek Mine. A Surety Bond is filed with the Division in the amount of \$11,949,205 payable to the State of Utah, Division of Oil, Gas and Mining and the Office of Surface Mining Reclamation and Enforcement (OSM). Underground coal mining will be conducted in Federal Leases: SL-048442-050115, SL-046652, U-0148779, U-0146345, UTU-73975, and U-0148779; State Leases: ML-1892 and SL-046652-ST (transferred from the federal to the state on April 22, 1954); a county lease and fee coal.

Sec. 1 STATUTES AND REGULATIONS - This permit is issued pursuant to the Utah Coal Mining and Reclamation Act of 1979, Utah Code Annotated (UCA) 40-10-1 et seq, hereafter referred to as the Act.

Sec. 2 PERMIT AREA - The permittee is authorized to conduct underground coal mining activities on the following described lands within the permit area at the Willow Creek Mine, situated in the state of Utah, Carbon County. The area to be mined is contained on the USGS 7.5-minute quadrangle maps (Helper, Kyune, Standardville, Matts Summit.) The areas contained in the permit area, approximately 14,670 acres are:

Township 12 South, Range 9 East

- Section 22: Portions of SW/4 SE/4; SE/4 SW/4;
- Section 25: All;
- Section 26: *East of the Price River;*
- Section 27: *East of the Price River;*
Portions of S/2 NW/4; NE/4 NW/4; NW/4 SW/4;
- Section 28: Portions of S/2;
- Section 35: Portions of SE/4 NE/4 and E/2 SE/4 west of the Price River
E/2 east of the Price River;

Less and Except:

A tract in the NW/4 NE/4 containing 2.61 acres, more or less, described by metes and bounds; as conveyed to the City of Price, a body politic, by Warranty Deed dated December 19, 1960, and recorded in Book 70 at page 416 of the official records of Carbon County; and
Section 36: All east of the Price River.

Township 13 South, Range 9 East

Section 1: Lots 1, 2, 3 and 4 (N/2 N/2) east of the Price River; SE/4 NE/4; E/2 SW/4 NE/4;

Less and Except:

1. The Utah Power and Light Company coal stockpile.
2. A tract in Lot 3 containing 1.43 acres total, more or less, and a tract in the NE/4 SW/4 containing 9.48 acres, more or less, described by metes and bounds; as conveyed to The Utah Power and Light Company by Special Warranty Deed dated July 10, 1986, and recorded in Book 262 at page 309 of the official records of Carbon County;
3. A tract in Lot 3 containing 1.02 acres, more or less, described by metes and bounds; as conveyed to The Utah Power and Light Company by Quitclaim Deed dated May 28, 1953, and recorded in Book 20 at page 492 of the official records of Carbon County;
4. A roadway 30 feet wide in the NW/4 described by metes and bounds; as conveyed to Castle Gate Town, a municipal corporation, by Quitclaim Deed dated September 26, 1969, and recorded in Book 122 at page 400 of the official records of Carbon County.

Township 12 South, Range 10 East

Section 26: N/2; SE/4; N/2 SW/4; SE/4 SW/4;
Section 27: All;
Section 28: All;
Section 29: All;
Section 30: All;
Section 31: All;
Section 32: All;
Section 33: All;
Section 34: S/2; NW/4; S/2 NE/4; NW/4 NE/4; and
Section 35: E/2; SW/4; S/2 NW/4.

Township 13 South, Range 10 East

Section 2: All;
Section 3: All;
Section 4: All;
Section 5: All;
Section 6: Lots 1, 2, 3, 4 (N/2 N/2); Lot 5 (SW/4 NW/4); SE/4 NW/4; S/2 NE/4; SE/4;
Section 7: Lots 1, 2, 6-9, 12, and 13 (E/2);
Section 8: Lot 1, 2 and 3 (N/2 NE/4 and NE/4 NW/4); S/2 N/2; S/2;
Section 9: E/2; SW/4; E/2 NW/4; NW/4 NW/4;
Section 10: E/2; NW/4; E/2 SW/4; NW/4 SW/4;
Section 11: All;
Section 17: NE/4; N/2 NW/4; and
Section 18: N/2 NE/4.

This legal description is for the permit area of the Willow Creek Mine. The permittee is authorized to conduct underground coal mining activities and related surface activities on the foregoing described property subject to the conditions of all applicable conditions, laws and regulations.

- Sec. 3 COMPLIANCE** - The permittee will comply with the terms and conditions of the permit, all applicable performance standards and requirements of the State Program.
- Sec. 4 PERMIT TERM** - This permit expires on April 24, 2001.
- Sec. 5 ASSIGNMENT OF PERMIT RIGHTS** - The permit rights may not be transferred, assigned or sold without the approval of the Director, Division. Transfer, assignment or sale of permit rights must be done in accordance with applicable regulations, including but not limited to 30 CFR 740.13{e} and R645-303-300.
- Sec. 6 RIGHT OF ENTRY** - The permittee shall allow the authorized representative of the Division, including but not limited to inspectors, and representatives of the Office of Surface Mining Reclamation and Enforcement (OSM), without advance notice or a search warrant, upon presentation of appropriate credentials, and without delay to:
- (a) have the rights of entry provided for in 30 CFR 840.12, R645-400-220, 30 CFR 842.13 and R645-400-110;

- (b) be accompanied by private persons for the purpose of conducting an inspection in accordance with R645-400-100 and R645-400-200 when the inspection is in response to an alleged violation reported to the Division by the private person.

Sec. 7 SCOPE OF OPERATIONS - The permittee shall conduct underground coal mining activities only on those lands specifically designated as within the permit area on the maps submitted in the approved plan and approved for the term of the permit and which are subject to the performance bond.

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- (a) Any accelerated or additional monitoring necessary to determine the nature and extent of noncompliance and the results of the noncompliance;
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- Sec. 17 APPEALS** - The permittee shall have the right to appeal as provided for under R645-300-200.
- Sec. 18 SPECIAL CONDITIONS** - There are special conditions associated with this permitting action as described in attachment A.

The above conditions (Secs. 1-18) are also imposed upon the permittee's agents and employees. The failure or refusal of any of these persons to comply with these conditions shall be deemed a failure of the permittee to comply with the terms of this permit and the lease. The permittee shall require his agents, contractors and subcontractors involved in activities concerning this permit to include these conditions in the contracts between and among them.

These conditions may be revised or amended, in writing, by the mutual consent of the Division and the permittee at any time to adjust to changed conditions or to correct an oversight. The Division may amend these conditions at any time without the consent of the permittee in order to make them consistent with any federal or state statutes and any regulations.

THE STATE OF UTAH

By: Lawrence P. Braghter for J. Mc Carto

Date: 6/27/97

I certify that I have read, understand and accept the requirements of this permit and any special conditions attached.

Ruth H. Silver
Authorized Representative of Permittee

Date: 7/14/97