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

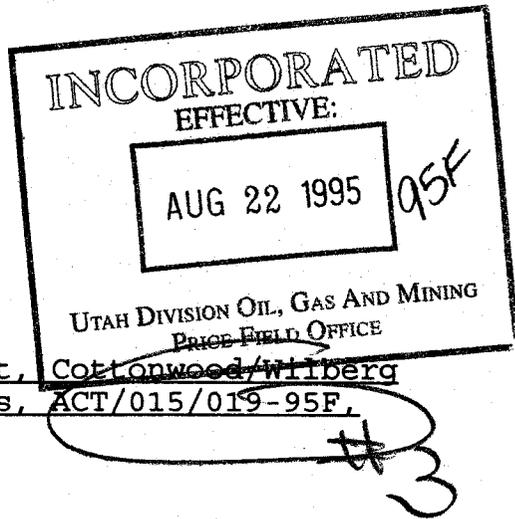
ACT 1015/019
#3

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

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Salt Lake City, Utah 84180-1203
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August 22, 1995

Val Payne
Sr Environmental Engineer
Energy West Mining
PacifiCorp Electric Operations
PO Box 310
Huntington, Utah 84528



RE: Alternate Sediment Control Amendment, Cottonwood/Wilberg Mine, PacifiCorp Electric Operations, ACT/015/019-95F, Folder #3, Emery County, Utah

Dear Mr. Payne:

The aforementioned amendment is approved effective August 22, 1995. The approval is based on the information you submitted together with the regulatory findings cited below.

Followup Action By Permittee

No followup action is required on this amendment. Documents approved herein must be incorporated in the MRP and are listed in Finding #8.

Project Description

The amendment updates the alternated sediment control designs (ASCD's), Plate 3-27 shows eight different typical designs. Such sediment control measures provide primary control in specific approved disturbed areas and redundant control in other areas.

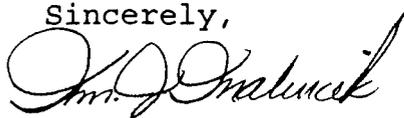
Findings

- (1) The applicant submitted a complete and accurate amendment application.
- (2) DOGM PERMIT STATUS. The ASCD's are approved environmental control measures utilizing the best technology current available and lie within the permit area (R645-301-742.110).

Page 2
V. Payne/Cottonwood
Alternate Sediment Control
August 22, 1995

- (3) ACTIVE MINE. The ASCD's currently are in place within the disturbed area and are shown on map as required by DOGM Directive-Tech-003A dated June 7, 1995.
- (4) LAND STATUS. Not applicable.
- (5) OTHER APPROVAL. Not applicable.
- (6) IMPACTS. Not applicable.
- (7) RECLAMATION AND BONDING. Not applicable.
- (8) RECORD UPDATE. The MRP documents updated by this approval are as follows:
 - Replace Table of Contents page 14.1, Volume 1, MRP.
 - Replace page 3-51.1, Volume 2, Chapter 3, MRP.
 - Add plate 3-27, Volume 6, MRP.

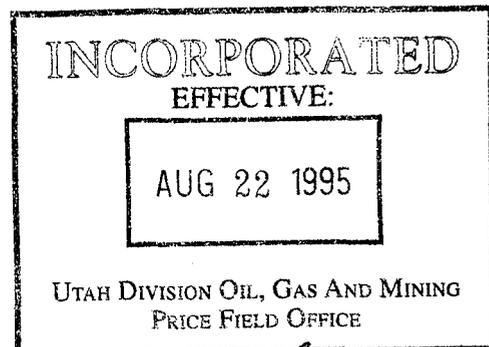
Sincerely,



Wm. J. Malencik
Reclamation Specialist

sd
Enclosure

cc: James Fulton, OSM, Denver
Mark Bailey, BLM, Price
Janette Kaiser, USFS, Manti-LaSal
Mark Page, DWR, Price
Brent Bradford, DEQ, SLC
Robert Valentine, DWR, SLC
Pam Grubaugh-Littig, DOGM, SLC
Joe Helfrich, DOGM, SLC w/o enc
Karl Houskeeper, Pacificorp, Huntington, w/o enc

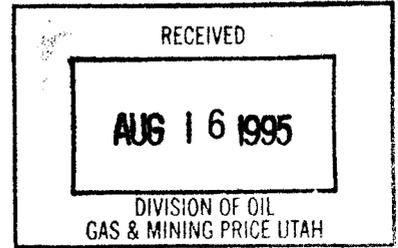


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VOLUME 6 (cont)

DUST COLLECTION

- 3-19 Compressed Air System (R&S)
- 3-20 Secondary Crushing Station (R&S)
- 3-21 Secondary Crushing Station (R&S)
- 3-22 Bottom Silo (R&S)
- 3-23 Silo Feed Conveyor (R&S)
- 3-24 Truck Loadout (R&S)
- 3-25 Breaker Station (R&S)
- 3-26 Breaker Station (R&S)

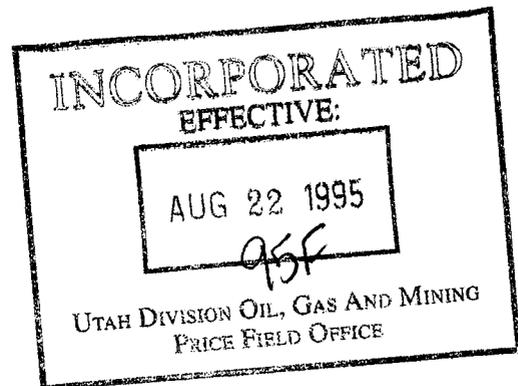


- 7704-PP1
- 7704-M6
- 7704-M7
- 7704-M8
- 7704-M9
- 7704-M10
- 7704-M11
- 7704-M12

HYDROLOGICAL PROTECTION

- 3-27 Typical Alternative Sediment Control Measures
- 3-38 Deleted

GENS1555A

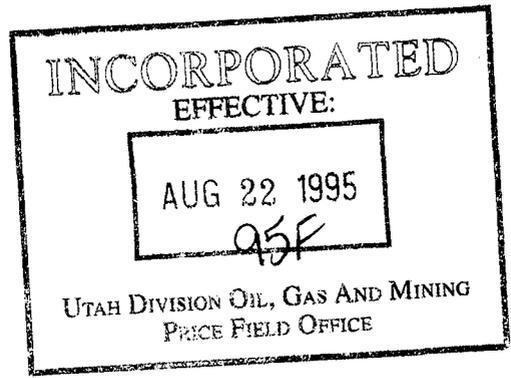
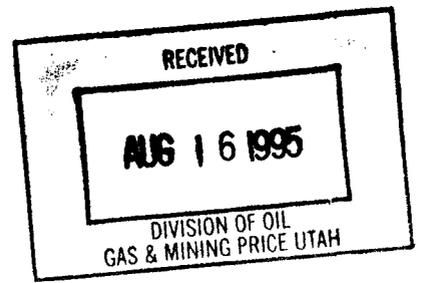


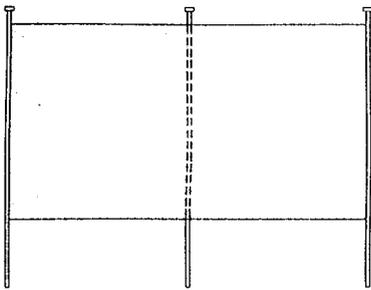
areas are treated by the best control technology available which includes, but is not limited to: silt fences, berms, catch basins, strawbales, gravel filter dikes, check dams, sediment traps and mulches.

A list of the ASCA's within the permit area is found in Table 5.1, page 3-51.2 (see Plate 3-27).

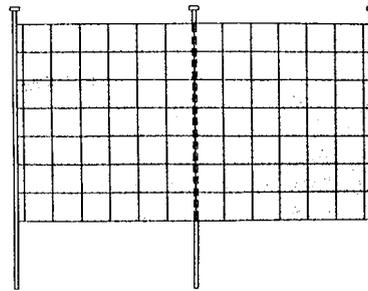
DIVERSIONS

Wilberg Mine operation will not require further diversion of any stream channel in the permit area until reclamation. Specific procedures for diversion during

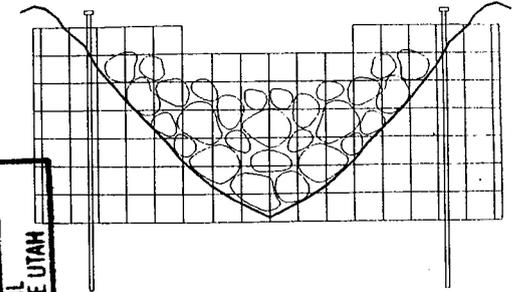




SILT FENCE
 (SEDIMENT CONTROL/RUNOFF CONTROL
 WIDTH AND HEIGHT VARIES)
 BOTTOM KEYED IN TO PREVENT BYPASS
 SIDES KEYED IN WHEN NECESSARY

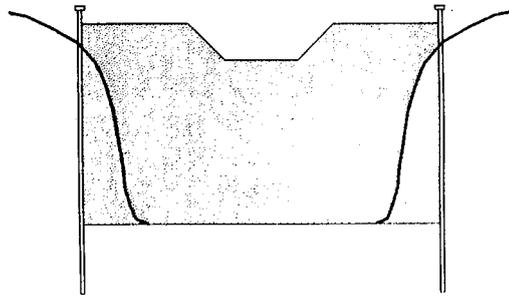


SILT FENCE & MESH
 (SEDIMENT CONTROL/RUNOFF CONTROL
 WIDTH AND HEIGHT VARIES)
 BOTTOM KEYED IN TO PREVENT BYPASS
 SIDES KEYED IN WHEN NECESSARY

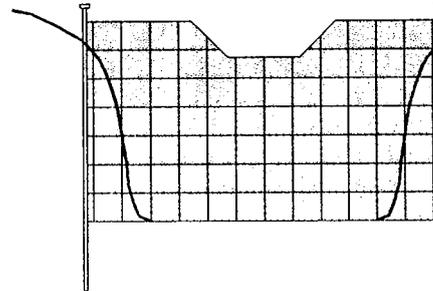


ROCK GABION
 (SEDIMENT CONTROL/ENERGY DISSIPATER
 WIDTH AND HEIGHT VARIES)

RECEIVED
 AUG 16 1995
 DIVISION OF OIL
 GAS & MINING PRICE UTAH



SILT FENCE WITH NOTCH
 (SEDIMENT CONTROL/RUNOFF CONTROL
 WIDTH AND HEIGHT VARIES)
 SIDES AND BOTTOM KEYED IN
 TO PREVENT BYPASS



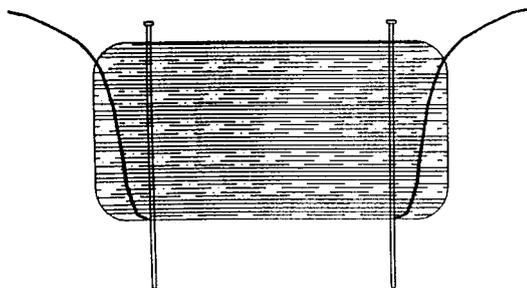
SILT FENCE & MESH WITH NOTCH
 (SEDIMENT CONTROL/RUNOFF CONTROL
 WIDTH AND HEIGHT VARIES)
 SIDES AND BOTTOM KEYED IN
 TO PREVENT BYPASS

ROCK GABION
 (SEDIMENT CONTROL/ENERGY DISSIPATER
 WIDTH AND HEIGHT VARIES)
 WIRE MESH PLACED ON TOP
 OF ROCK WHEN NECESSARY

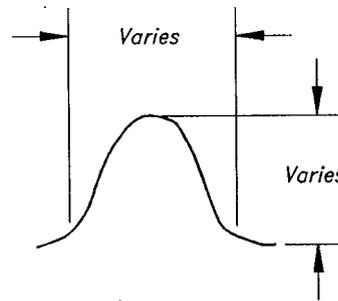
INCORPORATED
 EFFECTIVE

AUG 22 1995

UTAH DIVISION OIL, GAS AND MINING
 PRICE FIELD OFFICE



STRAW BALE INSTALLATION
 (SEDIMENT CONTROL/RUNOFF CONTROL
 WIDTH AND HEIGHT VARIES)
 SIDES AND BOTTOM KEYED IN
 TO PREVENT BYPASS



DIRT BERM
 (SEDIMENT CONTROL/RUNOFF CONTROL)

PLATE 3-27

CAD FILE NAME/DISK#: SILTFENC

ENERGY WEST
 MINING COMPANY
 HUNTINGTON, UTAH 84528

TYPICAL ALTERNATIVE
 SEDIMENT CONTROL MEASURES

DRAWN BY:	K. LARSEN	DRAWING #:	GENS1555A
SCALE:	NONE	DATE:	AUGUST 4, 1995
SHEET 1 OF 1		REV. ---	