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ACT/015/019 #2



April 8, 1991

Ms. Pamela Grubaugh-Littig  
Permit Supervisor  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 81480-1203

Dear Ms. Grubaugh-Littig:

I am enclosing for submittal the 1st Quarter 1991 Engineering Reports for Deer Creek, Cottonwood/Wilberg and Des Bee Dove Waste Rock Sites. Please find also, the 1st Quarter 1991 Report of the Deer Creek Elk Canyon Storage Pad submittal.

Sincerely,

  
J. Blake Webster  
Permitting Administrator

/do  
Enclosure

cc: Bart Hyita  
File

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DIVISION OF  
OIL GAS & MINING

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**COTTONWOOD/WILBERG/DES BEE DOVE**  
**ACT/015/019 AND ACT/015/017 #7**  
**1ST QUARTER 1991**

**INTRODUCTION**

The original Waste Rock Disposal Site is located on a 16 acre right-of-way from the BLM located approximately two miles from the Cottonwood/Wilberg mine site along the east side of State Road 57.

A new disposal site was constructed during the spring and summer of 1990 on an approved right-of-way from the BLM located west of State Road 57 and 1.75 miles south of the Cottonwood/Wilberg mine site. This facility is designed for 784,000 cubic yards of material and will last for the life of the mines which it serves.

**OPERATION**

During the quarter, approximately 4,752 cubic yards of material from the Cottonwood operation was dumped in the original disposal site. The refuse piles were leveled and compacted during the quarter. Trash and extraneous material were removed during this time also.

Also during this quarter approximately 5,544 cubic yards of waste material was dumped in the new facility west of State Road 57. \*Haulage amount of waste material during the 4th Quarter of 1990 had a typo and should be 10,224 cubic yards.

**INSPECTION**

Both waste storage sites were inspected on March 8, 1991 for structural stability. Inspection of the operation of these facilities is conducted on a continual basis.

Tension cracks found in the perimeter berm of the original site, Cell #7, are still present but present no problems since the site has been filled with waste material. The cracks are on the inside slope and the backfill with the waste rock has stabilized the slope. No other signs of instability or weakness were found.

No signs of instability or weakness were found at the new storage facility. Subsoil and topsoil storage piles appear to be stable.

The sediment pond and dam at the new site was inspected. No signs of instability or weakness were found. The discharge structure and emergency spillway were intact and operational according to design. The pond was dry with no sediment accumulation.

\*Ammendment to 4th Quarter 1990 report.

CERTIFICATION

I do hereby certify that the Cottonwood/Wilberg Waste Rock Sites are constructed according to sound engineering practices, and I do also certify that there was no evidence of instability, structural weakness, or other hazardous conditions at the time of this inspection.

  
J. BLAKE WEBSTER  
P.E. 7728