



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

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March 8, 1996

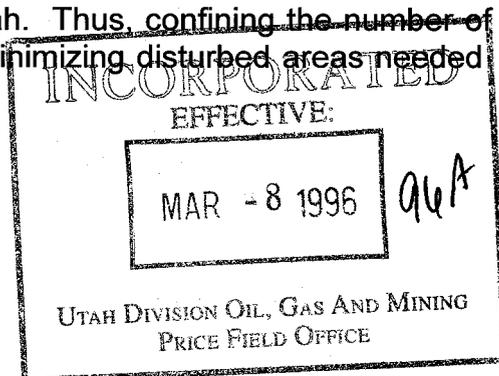
TO: File

FROM: Stephen Demczak, Reclamation Specialist III *SD*

RE: Waste Rock Site Permit Change, Utah Fuel Company, Skyline Mine, ACT/007/005-96A, Folder #2 & #3, Carbon County, Utah

**ANALYSIS**

- 1) The permittee has submitted and met all the necessary requirements for waste rock from Soldier Creek and the proposed Dugout mines to be transferred to the Skyline waste rock site. This amendment is a request to store excess material which can not be stored underground in the mine. This amendment is a backup procedure for handling waste rock.
- 2) The material from the Soldier Creek and/or Dugout Mines will be sampled and must meet the toxicity test prior to transporting the waste material to the Skyline Waste Rock Site.
- 4) This amendment will not change the bonding amount of the Skyline permit.
- 5) The TA should be modified to include that Skyline can receive waste material from Soldier Creek and Dugout after toxicity test has been taken and has passed all the necessary requirements.
- 6) This amendment minimizes the number of possible waste rock sites within the Carbon County area and Utah. Thus, confining the number of potentially hazardous conditions and minimizing disturbed areas needed for mining.



**FINDINGS**

- 1) Amendment ACT/007/005-96A states that testing for acid and toxic forming will be done by the Division's Soil and Overburden Guidelines. These are the current guidelines in which Skyline mine is testing it's own mine waste material every 2000 tons.
- 2) The waste material will be transported from one approved permit area to another approved permit area. This is a requirement under the R645 regulations.

**APPROVAL/DISAPPROVAL**

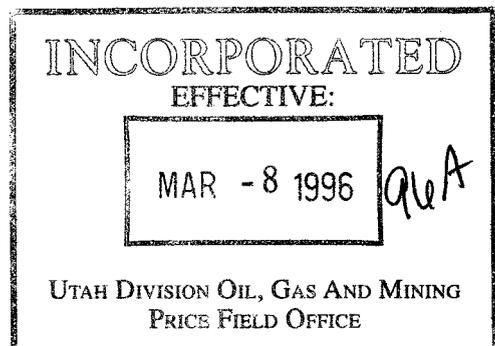
Skyline mine is granted an approval for amendment ACT/007/005-96A effective March 8, 1996.

**CONDITIONS OF APPROVAL**

- 1) No material including waste rock can be transported from the Dugout site until an approved Mining and Reclamation Plan is granted by the Division of Oil, Gas and Mining. The waste rock portion of the MRP must address the transporting and testing of waste material to Skline's waste rock site which would coincide with this amendment.
- 2) The Mining and Reclamation Plans must be updated for the Soldier Creek which addresses the disposal of waste rock to coincide with this amendment before the transporting of waste rock is permitted.

sd  
Enclosure

cc: Ranvir Singh, OSM, Denver  
Alan Rabinoff, BLM, SLC  
Mark Bailey, BLM, Price  
Janette Kaiser, USFS, Price  
Mark Page, State Eng, Price  
Dave Ariotti, DEQ, Price  
Bill Bates, DWR, Price  
Pam Grubaugh-Littig, DOGM, SLC, w/o enc  
Keith Zobell, Utah Fuel, Scofield, w/o enc  
L. Craig Hilton, Utah Fuel, Scofield, w/o enc



4.16 UNDERGROUND DEVELOPMENT WASTE AND EXCESS SURFACE SPOIL

Rock and earth materials produced in the underground Skyline mines will normally be disposed of in the underground working areas. Excess material produced that cannot be stored underground will be brought to the surface and stored in a temporary gob pile (location shown on Map 3.2.1-1) until the material can be transported to the approved waste rock disposal site near Scofield, or will properly be used as fill material within the disturbed permitted area. The temporary gob pile will not exceed 6,000 tons of material.

Coal mine waste produced in the underground Soldier Canyon and Dugout Canyon mines will normally be disposed of in the underground working areas of the respective mines. Excess gob material produced that cannot be disposed of underground will be brought to the surface and stored in a temporary gob pile until the material can be hauled to the approved Skyline Mine Waste Rock Disposal Site. Any gob material hauled from the Soldier Canyon or Dugout Canyon mines to the Skyline mine Waste Rock Disposal Site will be tested for toxicity as outlined in Section 4.4.5 of this permit.

There is approximately 35,000 cubic yards of underground development waste material at the Skyline railroad loadout area. This material is located just east of the topsoil stockpile. Toxicity tests were made on the material before DOGM gave approval for the material to be placed at this site. It is planned for this material to remain on site and be used as fill material in final reclamation as shown on Map 4.4.2-1C.

Development waste and surface spoil produced in the construction of the surface facilities and portal entries of the Skyline mine have been used as fill material for building the mine pad areas.

Approximately 2700 cubic yards of early operational waste material were used as fill at the loadout site. This material was placed on

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natural grade. After stripping, the topsoil is well above the 100 year flood plain for the Eccles Creek stream channel. Ground water levels in the loadout area were found to range between 4.5 and 17.7 feet; consequently, no waste material was placed below ground water level. (Reference: Report Excavation Dewatering Investigation, Loadout Area, Coastal States Skyline Coal Mine Project Near Scofield, Utah for Coastal States Energy Company, Dames and Moore Job No. 6701-019-06, Salt Lake City, Utah July 28, 1981. This report was prepared to aid in silo foundation dewatering and provide water level information only incidentally its intended purpose.)

