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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

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Michael O. Leavitt
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Partial: Complete: Exploration:
Inspection Date & Time: 5/7/97 10 AM to 3 PM
Date of Last Inspection: 4/3/97

Mine Name: Hiawatha Complex County: Carbon Permit Number: ACT/007/011
Permittee and/or Operator's United States Fuel Company
Business Address: P.O. Box 887, Price, Utah 84501
Type of Mining Activity: Underground Surface Prep. Plant Other
State Official(s): Susan White
Company Official(s): K.C. Jones
Federal Official(s): None

Weather Conditions: Fair and warm
Existing Acreage: Permitted-12707 Disturbed-290 Regraded- Seeded- Bonded-290
Increased/Decreased: Permitted- Disturbed- Regraded- Seeded- Bonded-
Status: Exploration/ Active/ Inactive/ Temporary Cessation/ Bond Forfeiture
Reclamation (Phase I/ Phase II/ Final Bond Release/ Liability Year)

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

Instructions

- Substantiate the elements on this inspection by checking the appropriate performance standard.
 - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
 - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
12. BACKFILLING AND GRADING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June) _____ (date)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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PERMIT NUMBER: ACT/007/011

DATE OF INSPECTION: 5/7/97

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS, CHANGE, TRANSFER, SALE

The mining and reclamation permit was issued March 25, 1992. The permit expired March 14, 1997. The Huntington Cleveland and North Emery Water Users protested the permit renewal and an informal conference was held by the Division on March 14, 1997. The findings made concerning the protest to renewal by Lowell Braxton, Deputy Director, DOGM, dated April 11, 1997, was to issue the five year permit retroactively approved effective March 14, 1997.

The 1997 issued Permit is conditioned upon adequately addressing all of the deficiencies in the Division Order 97A, issued February 20, 1997. Due to weather problems associated with the areal survey and the operator request an additional 30 days was granted to the operator for completion of the Division Order. Any items in the Division Order not associated with the maps is required to be submitted by May 27.

2. SIGNS AND MARKERS

A limited number of stream buffer zone signs were observed in Middle Fork, Rail Road Yard and near Slurry Pond 1. Considering the lack of activity at the site the number of signs were sufficient. If any change in activity occurs at the mine the number of signs should be increased to provide sufficient warning to all workers. No stream buffer zone signs could be found in South Fork. The regulatory requirement for signs is all perennial and intermittent (drains greater than a one mile square area) streams must be signed. This inspector believes that the South Fork mine yard should have a stream buffer zone sign.

3. TOPSOIL

Hauling of topsoil from Borrow Area A to Slurry Pond 5 continues. All areas topsoiled after mid-April will be seeded with an annual grain and then ripped and seeded with the permanent mixture this fall. Fertilizer was spread on areas topsoiled prior to mid-April (top, western section).

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4. HYDROLOGIC BALANCE:

- a. Diversions All observed diversions appeared to be functioning.
- b. Sediment Ponds and impoundments First quarter 1997 records were observed for pond inspections. Sediment Ponds were inspected March 25, 1997. Weekly MSHA pond inspections were conducted weekly as required for Slurry Ponds 1, 4, 5 and 5A. Annual report was completed as required.
- c. Other sediment control measures The sediment control treatment at the lumber storage area in Middle Fork (as stated in the permit) are gabion baskets. These were not noticed during the inspection. Mr. Jones said that he would located them for the next inspection.
- d. Water Monitoring UPDES monitoring points were reported as required for the first quarter, mostly they were inaccessible. All non-UPDES Streams and springs were not required to be sampled this quarter. The annual report was completed as required.

The stream tributary to Miller Fork, labeled at UD-3, and recipient of the Mohrland mine water discharge was coated with what appeared to be on iron precipitate. UPDES point 002 is the monitoring point for this discharge. UPDES permit requires iron to be monitored. Laboratory analysis measures dissolved iron, which was well under the UPDES limits of 1 mg/l. The UPDES permit does not specify if dissolved or total iron should be analyzed. The DMR was not observed at the mine office. The next inspection the DMR for 002 will be check for required analysis of total or dissolved.

7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS

Refuse piles 1, 4, 5, and 5A were reported inspected on March 25, 1997.

The Operator had started to clean the cemetery of coal refuse. This inspector called Jim Dykeman (SHIPO) and Foster Kirby (OSM) primally to seek advise on how would be the easiest ways to clean the cemetery. Both Historians/Archeologist were very concerned about the possibility of disturbing graves or grave artifacts even though all refuse removal was to be done by hand. Mr. Dykeman stated that in his experience cemeteries are never as history reports. During a conference call after the inspection with Michael Watson, Joe Helfrich, Mary Ann Wright and myself this concern was relayed to the Operator. The Operator agreed to suspend work until a plan for cleaning was developed as required in Division Order 97A.

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13. REVEGETATION

Seeding of the top western portion of Slurry Pond 5 occurred in mid April. The area was broadcast seeded onto snow. The seed was covered with snow soon after the seeding. Mr. Jones stated that other disturbed areas were seeded with an annual grain for interim protection.

Germination of seed which was broadcast fall 1996 was observed on Slurry Pond 4 and Borrow Area F. The revegetation efforts along the relocated portion of Miller Creek, below Pond 4 was observed. The stream banks had poor vegetation cover and very few willows which were support to have been planted successfully. In general the area appeared badly over grazed.

14. SUBSIDENCE CONTROL

The annual subsidence control report was observed and appeared to be completed as required. Twelve points were reported with subsidence greater than 1 foot, point 383 had 4.31 feet of subsidence. In the summer the surface of this area will be visited to view damage.

21. BONDING AND INSURANCE

General liability insurance for the Hiawatha complex is issued by Acceptance Insurance Co., policy number D96CM0401. The policy is issued April 1, 1996 and will expire April 1, 1997. The problems with self insurance and no explosive coverage was resolved and Ms. Grubaugh-Littig, Permit Coordinator, stated that the coverage met the requirements of the program.

Copy of this Report:

Mailed to: OSM, United States Fuel Company

Given to: Joe Helfrich (DOGM)

Inspector's Signature: Susan M. White

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Date: 5/30/97