



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

## INSPECTION REPORT

Michael O. Leavitt  
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Partial:      Complete: XX Exploration:       
Inspection Date & Time: 10/25/95 / 5:30a.m.-3:40p.m.  
Date of Last Inspection: 9/25/95

Mine Name: Convulsion Canyon County: Sevier Permit Number: ACT/041/002  
Permittee and/or Operator's Name: Southern Utah Fuel Company  
Business Address: P. O. Box P, Salina, Utah 84654  
Type of Mining Activity: Underground XXX Surface      Prep. Plant      Other       
Company Official(s): Mike Davis  
State Officials(s): Peter Hess Federal Official(s):       
Weather Conditions: Cold, Windy, 30's, skiff of snow at site  
Existing Acreage: Permitted- 17301 Disturbed- 67.8 Regraded- 0.5 Seeded- 0.5 Bonded- 0.5  
Increased/Decreased: Permitted-      Disturbed-      Regraded-      Seeded-      Bonded-       
Status: Exploration/ XXX 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

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. 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.
  - b. For partial inspections check only the elements evaluated.
2. Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. 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	[XX]	[ ]	[ ]	[ ]
2. SIGNS AND MARKERS	[XX]	[ ]	[ ]	[ ]
3. TOPSOIL	[XX]	[ ]	[ ]	[ ]
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	[XX]	[ ]	[ ]	[ ]
b. SEDIMENT PONDS AND IMPOUNDMENTS	[XX]	[ ]	[XX]	[ ]
c. OTHER SEDIMENT CONTROL MEASURES	[XX]	[ ]	[XX]	[ ]
d. WATER MONITORING	[XX]	[ ]	[XX]	[ ]
e. EFFLUENT LIMITATIONS	[XX]	[ ]	[ ]	[ ]
5. EXPLOSIVES	[XX]	[ ]	[ ]	[ ]
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	[ ]	[XX]	[ ]	[ ]
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	[XX]	[ ]	[XX]	[ ]
8. NONCOAL WASTE	[XX]	[ ]	[XX]	[XX]
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	[ ]	[XX]	[ ]	[ ]
10. SLIDES AND OTHER DAMAGE	[ ]	[XX]	[ ]	[ ]
11. CONTEMPORANEOUS RECLAMATION	[ ]	[XX]	[ ]	[ ]
12. BACKFILLING AND GRADING	[ ]	[XX]	[ ]	[ ]
13. REVEGETATION	[ ]	[XX]	[ ]	[ ]
14. SUBSIDENCE CONTROL	[XX]	[ ]	[ ]	[ ]
15. CESSATION OF OPERATIONS	[ ]	[XX]	[ ]	[ ]
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	[XX]	[ ]	[ ]	[ ]
b. DRAINAGE CONTROLS	[XX]	[ ]	[ ]	[ ]
17. OTHER TRANSPORTATION FACILITIES	[XX]	[ ]	[ ]	[ ]
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	[XX]	[ ]	[XX]	[ ]
19. AVS CHECK (4th Quarter-April, May, June) <u>    </u> (date)	[XX]	[ ]	[ ]	[ ]
20. AIR QUALITY PERMIT	[XX]	[ ]	[ ]	[ ]
21. BONDING & INSURANCE	[XX]	[ ]	[ ]	[ ]



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(Comments are Numbered to Correspond with Topics Listed Above)

### 4b. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The permittee conducted the 3rd Quarter sediment pond inspections for the Waste Rock and Mine Site ponds on September 11 and 22, 1995. No hazards or problem areas were observed. The inspections were conducted by Mr. Mike Davis and were P. E. certified by Mr. Wes Sorensen.

### 4c. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES

The silt fences which are at the base of the west side of the main mine substation are getting to the point of needing attention. The fabric was torn for the height of the fence in one location, (wind damage). Mr. Davis had this fence repaired before the inspection closeout.

### 4d. HYDROLOGIC BALANCE: WATER MONITORING

The 2nd Quarter water monitoring report for the site was submitted to the SLC-DOGM on September 19, 1995.

Discharge monitoring reports for the months of July, August, and September, 1995 were reviewed. Only 003A, the Quitchupah portals mine water discharge point had any flows. No exceedances were reported for any of the three months from this point.

### 7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS

The waste rock quarterly inspection was conducted on September 27, 1995 by Mr. Mike Davis. No problems were reported by Mr. Davis, and the P. E. certification requirements were complete. This area however, was one of the problem areas noted when N95-46-4-1 was issued as a result of this inspection. Various types of noncoal waste were observed on the pad, in several of the end dumped piles (rock dust sacks and wood) and at the crest of the piles outslope. High voltage electrical guarding, pieces of fire hose and steel scrap were observed rampantly scattered. In general, it appeared that no recent attempt had been made to remove or collect this waste from the gob material.

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8. NONCOAL WASTE

As indicated above, N95-46-4-1 was issued to the permittee for "failure to properly handle noncoal waste in a controlled manner". In addition to the waste rock site mentioned, three other problem areas were noted:

1) Surface storage area WSW of the main mine fan installation--

In this area, the permittee had stored approximately twenty double acting hydraulic longwall rams containing water soluble emulsion. Mechanics had placed plastic plugs in the ram hydraulic ports to reduce dirt contamination in the cylinders. Emulsion had leaked from the cylinders in numerous spots. Two piles of cylinders were observed. The shop foreman indicated that he did not feel that the emulsion presented as serious a problem as an oil spill. In the surface storage area due west of the stoker storage bins, a small electro-hydraulic pump unit had been placed, allowing hydraulic oil to leak into the gravel/soil. Ethylene glycol was also noted leaking from a pump in this same area. Also, aluminum soda cans, paper towels, and rubber gloves were observed on the pad.

2) The storage shed NNE of the main shop/warehouse where the diesel powered foam generator (used for fighting underground mine fires) is stored--

Diesel fuel had been allowed to leak from this generator for quite some time as evidenced from the amount of soil contamination. An area approximately ten feet wide and sixteen feet long but of unknown depth was discolored by the fuel. Several soda cans and lunch papers were observed under the generator.

3) The bulk stoker oil storage tanks by the tipple office--

In this area, a two inch vertical pipe is used to fill a large (approximately 10,000 gallon) tank. This pipe had been backed into, deforming the pipe and damaging the threads on the shut off valve, causing it to leak. Although the leak was minor, the amount of soil contamination under and in the vicinity of this fill pipe was large, indicating a lengthy time period for the leak. A small bucket had been placed under the pipe's end to catch drips. Several days had passed from the time the oil vendor had damaged the pipe and this inspection occurred. The tipple foreman indicated that although he was aware that the vendor had spent an unusual amount of time at the tank, he was not aware of the reason for this.

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18. SUPPORT FACILITIES/UTILITY INSTALLATIONS

The electrical substation located on the hillside east of the mine site utilizes a transformer with serial number SN16519. During this inspection, it appeared that one of the cooling tubes on the transformer was leaking oil. The tube was blackened for its entire length by the combination of oil film and fine coal dust. No evidence of oil was present on the cement support pad; however, the gravel under the west side of the pad was discolored, (approximately 20 inches by 12 inches). Mr. Davis immediately contacted the maintenance department, who sent a worker to clean the transformer and remove the gravel. The worker informed us that a temperature gauge fitting was leaking and not the oil tube. This worker had been authorized to make the necessary repair.

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas, and Mining.

Copy of this Report:

Mailed to: Mike Davis (SUFCO)

Donna Griffin (OSM)

Given to: Joe Helfrich (DOGM)

Filed to: Price Field Office

Date: October 30, 1995

Inspector's Signature: \_\_\_\_\_



#46

Peter Hess