

0022



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

Michael O. Leavitt
Governor
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Division Director

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Partial: XXX Complete: Exploration:
Inspection Date & Time: 7/15/99 / 7:00a.m. - 4:00p.m.
Date of Last Inspection: 6/10/99

Mine Name: SUFCO Mine County: Sevier Permit Number: ACT/041/002
Permittee and/or Operator's Name: Canyon Fuel Company
Business Address: 397 South 800 West, Salina, Utah 84564
Type of Mining Activity: Underground XXX Surface Prep. Plant Other
Company Official(s): Mike Davis
State Officials(s): Peter Hess Federal Official(s): None
Weather Conditions: Hot, 80's, High Cirrus Clouds
Existing Acreage: Permitted-17308.25 Disturbed-67.8 Regraded-0.5 Seeded-0.5 Bonded-67.8
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

- 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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(Continuation sheet)

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(Comments are Numbered to Correspond with Topics Listed Above)

Note: During today's inspection, Mr. Chris Hansen, Environmental Coordinator with CFC, and Mr. Keith Zobell were in attendance.

9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES

The purpose of Mr. Hansen's and Mr. Zobell's attendance at the inspection was to attempt to locate what is thought to be a rare, fragile plant species in the Box Canyon area, the Link Trail Columbine. Inspection of the left fork of the main fork of Box Canyon (near water monitoring point #089) revealed that Link Trail Columbine is flourishing in Box Canyon, particularly on Canyon walls. The delicate flower of this species is quite evident, where it is protected from being devoured by wildlife.

The species was also observed in what is referred to by SUFCO personnel as "the grotto area" of Box Canyon by this individual. Several smaller plants of the species were located at the cattle guard just below the crest of the Link Canyon access road.

The Link Trail Columbine is being studied due to concerns from the US Forest Service, Manti Lasal National Forest.

14. SUBSIDENCE CONTROL

During today's inspection, several of the stock watering ponds in the Wildcat Knolls area were observed to note their water levels. The area had received rainfall within the previous 24 hour period; the Mine site received 0.5 inches on July 14, 1999. As noted in the photos, Rock, Hansen's, and Subsidence Ponds were dry, although some evidence of water collection capability was observed in Rock Pond and Hansen's Pond. Johnson's Pond contained a minimum amount of water. Box Pond contained the most amount of water; its shoreline had been well trampled by cattle.

Relative to subsidence monitoring, no new longitudinal cracking which could be surmised as having been created by subsidence induced by mining were observed at any of the ponds this day by myself.

A method of precipitation monitoring needs to be established through a cooperative effort with the USFS, the DNR/OGM, and the permittee to provide more accurate information relative to the water issue in this area. The water troughs which had been implemented earlier had been removed by the permittee just prior to this inspection. A water truck was still parked on the plateau, awaiting removal by Mine personnel.

Copies of all photographs taken this day have been forwarded to the reclamation hydrologist assigned to the SUFCO Mine permit area.

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18. SUPPORT FACILITIES/UTILITY INSTALLATIONS

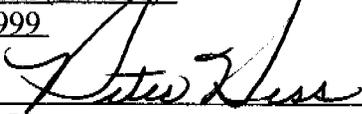
The permittee initiated construction of the Link Canyon substation pad just prior to today's inspection. Protection of the drainage from sediment inflow was being provided by a temporary silt fence and a road swale. Disturbed area perimeter markers were in place, as was a permittee identification sign. Pad construction was very near completion. Photographs of the cut banks were taken and forwarded to the UDNR/OGM soils scientist in Salt Lake City. Plant growth medium ("A" horizon profile) appears to be minimal in this area.

As of the date of this report (8/10/99), the permittee is waiting on the drilling contractor to arrive. The approved design calls for three boreholes to be run for power conductance from the underground mine workings to the substation.

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 (Canyon Fuel) Henry Austin (OSM)
Given to: Joe Helfrich (DOGMA) Filed to: Price Field Office
Date: August 10, 1999

Inspector's Signature:  #46
Peter Hess