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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

## INSPECTION REPORT

*SM*

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

Partial:      Complete: XXX Exploration:     

Inspection Date & Time: 4/13/2000 / 8:30a.m.-12:30p.m.

Date of Last Inspection: 1/12/2000

Mine Name: Soldier Canyon Mine County: Carbon Permit Number: ACT/007/018

Permittee and/or Operator's Name: Canyon Fuel Company

Business Address: P.O. Box 1029, Wellington, Utah 84542

Type of Mining Activity: Underground XXX Surface      Prep. Plant      Other     

Company Official(s): Dave Spillman

State Officials(s): Peter Hess Federal Official(s): None

Weather Conditions: Partly Sunny, Warm, Snow melted off

Existing Acreage: Permitted-6624.64 Disturbed-24.32 Regraded-      Seeded-      Bonded- 97.7

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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" 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 checked="" 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 type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June)_____ (date)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**INSPECTION REPORT**  
(Continuation sheet)

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PERMIT NUMBER: ACT/007/018

DATE OF INSPECTION: 4/13/2000

(Comments are Numbered to Correspond with Topics Listed Above)

Note: The second quarter 2000 complete inspection for the Soldier Canyon Mine site and its associated outlying areas was conducted this day.

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

The current UDNR/OGM permit ACT/007/018 expires February 3, 2002. The current UPDES permit UT0023680 expires on March 31, 2001.

3. TOPSOIL

The permittee has re-seeded the areas of the Dugout Canyon topsoil storage areas which are located within the Soldier Canyon permit area. These areas were felt to be sparse as inspected during the January 12, 2000 complete inspection. Following that inspection, Messrs. Robert Davidson and Paul Baker inspected the same area several days later. It was felt that several areas could stand re-seeding and pocking to enhance moisture retention. The areas which were noted as needing enhancement have been addressed.

4a. HYDROLOGIC BALANCE: DIVERSIONS

There are several berms in the area where the Dugout Canyon topsoil piles are built (these are in the Soldier Canyon permit area), which are in need of enhancement. There is no evidence of disturbed runoff reporting to the undisturbed irrigation channel; however, the berms needing enhancement could be overtopped if the area receives snow depths of five to six inches.

All other diversions which were inspected appeared to be capable of functioning as designed.

4b. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The first quarter 2000 impoundment inspections for the mine site sediment pond and the sewage lagoons were conducted by Dave Spillman, P. E. on February 11, 2000. There were no hazardous conditions noted for either impoundment. The sediment level in the mine site pond is well below the 60% clean out elevation. The water elevation in same is approximately three feet below the decant valve on the principal spillway.

Mr. Spillman informed the Division this day that sewage from the Dugout Canyon Mine is being hauled to the Soldier Canyon lagoons and being treated in same. The permittee has worked through the Southeastern Utah District Health Department in order to do this. It was suggested to Mr. Spillman that the Salt Lake Division be informed of this action with its associated interagency approval in a letter.

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(Continuation sheet)

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4c. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES

The straw bales which treat runoff from the #2 Mine fan pad need to be reconfigured to work more effectively. The present bale configuration will be destroyed when the reclamation of the REI culvert takes place.

To date, no demolition work has taken place on the REI culvert, (Soldier Creek channel crossing to REI pump station).

4d. HYDROLOGIC BALANCE: WATER MONITORING

The fourth quarter water monitoring report for the site was submitted to the UDNR/OGM on March 20, 2000. Discharge monitoring reports for the three SC3 UPDES outfalls were included; none of the three points, which include the mine site sediment pond and two mine water discharge points had outfalls. All DMRs were submitted in a timely fashion.

A review of water chemistry analyses for the other monitoring points did not reveal any abnormalities.

14. SUBSIDENCE CONTROL

As of April 17, 2000, the UDNR/OGM/PFO has not received the 1999 annual report for the Soldier Canyon Mine, hence the review of the subsidence data is not possible at this time. Mining ceased at Soldier Canyon in October of 1998; it is doubtful if significant subsidence has occurred since the review of the 1998 annual subsidence data.

*Annual report was submitted March 20, 2000 to  
DOG, Salt Lake Office. Sent to PFO.*

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: Dave Spillman (Canyon Fuel)

Henry Austin (OSM)

Given to: Pam Grubaugh-Littig (DOG)

Filed to: Price Field Office

Date: April 18, 2000

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

*Peter Hess*

#46

Peter Hess