



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

## INSPECTION REPORT

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Michael O. Leavitt  
Governor  
Lowell P. Braxton  
Division Director

Partial:      Complete: XXX Exploration:       
Inspection Date & Time: 10/13/99 / 8:15a.m.-12:00p.m.  
Date of Last Inspection: 7/20/99

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: Sunny, Warm, 40's-50's  
Existing Acreage: Permitted- 5186.17 Disturbed- 24 Regraded- 0 Seeded- 0 Bonded- 95.2  
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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input checked="" 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 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 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

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(Comments are Numbered to Correspond with Topics Listed Above)

4a. **HYDROLOGIC BALANCE: DIVERSIONS**

The twelve-inch culvert which intakes in the corner of where the R.E.I. access road takes off from the main Canyon road at the #2 fan location (ASCA #3) is approximately filled one half with gravel. The gravel is washed in from the fan/substation pad. This culvert is a diversion which needs to be checked periodically so that the flow path is maintained.

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

The 3<sup>rd</sup> quarter impoundment inspections for the site were completed and P. E. certified by Mr. Spillman on September 11, 1999. There were no signs of instability or other hazardous conditions noted for either the mine site sediment pond or the sewage lagoons.

Today's field inspection did not reveal any problems.

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

Since the last quarterly complete inspection in July '99, the site has received a major precipitation event which caused Soldier Canyon Creek to overshoot the ten foot diameter R.E.I. culvert. Sediment deposition on the R.E.I. access road directly over the CMP provides this evidence. This flow destroyed the straw bales which provide the sediment control between the #2 Mine fan chain link fence and the head of the Soldier Creek bank. The bales need to be replaced to keep ASCA #3, (see drawing # E-015, Soldier Canyon Mine MRP) in compliance.

4d. **HYDROLOGIC BALANCE: WATER MONITORING**

The 2<sup>nd</sup> quarter water monitoring report for the site was submitted to the DOGM SLO on July 22, 1999. Submitted data was obtained from June samples; there were no discrepancies relative to sampling frequency or water chemistries noted during today's review.

Discharge monitoring report forms continue to be submitted for the site; same were reviewed for the months of June, July, and August. None of the mine water discharge points have discharged for a long time. The mine site sediment pond surface water elevation is well below the decant and emergency spillway pipes. The DMR's are current and have been submitted in a timely manner.

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8. NONCOAL WASTE

Twelve 55-gallon barrels of used oil (possibly some water/ethylene glycol mix) were observed at their standard storage location near the bulk rock dust tank location. It is not known when the oil recycler will collect the drums, or if the permittee will use the oil in shop heaters this winter.

18. SUPPORT FACILITIES/UTILITY INSTALLATIONS

The bulk rock dust storage tank and its associated apparatus have been relocated to the Dugout Canyon operation.

**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 (DOGM) Filed to: Price Field Office  
Date: October 15, 1999

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

Peter Hess  
Peter Hess

#46