

0004



State of Utah

INSPECTION REPORT

John 0277

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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801-538-5340

Partial: _____ Complete: Exploration: _____
Inspection Date & Time: 10:00 to 2:30/ Nov. 11, 1992
Date of Last Inspection: Oct. 15, 1992

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

Permittee and/or Operator's Name: Soldier Creek Coal Company

Business Address: P.O. Box I, Price, Utah 84501

Type of Mining Activity: Underground Surface Prep. Plant Other

State Official(s): Wayne H. Western, Reclamation Engineer

Company Official(s): Dave Spillman, Mine Engineer

Federal Official(s): none

Weather Conditions: Clear to partly cloudy skies temperature 30's to 40's occasional winds

Existing Acreage: Permitted-4905 Disturbed-24 Regraded-0 Seeded-1 Bonded-24

Increased/Decreased: Permitted-0 Disturbed-0 Regraded-0 Seeded-0 Bonded-0

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 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 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 type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input checked="" 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 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 checked="" 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"/>

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PERMIT NUMBER: ACT/007/018 DATE OF INSPECTION: 10:00-2:30/Nov. 11, 1992

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

Dave Spillman informed me that the parent company Sun Oil is actively trying to sell off all the Soldier Canyon Mine and all other coal properties. During November and December several perspective buyers will be inspecting the facilities.

2. SIGNS AND MARKERS

One of the perimeter signs near the waste rock disposal site had been destroyed by weathering. Dave Spillman said the sign would be replaced as soon as possible. The other signs showed no signs of weathering.

4. HYDROLOGIC BALANCE:

a. DIVERSIONS

The culverts near the new portals have 6 inches of sediment built up. Hand shovels have been used to remove the sediment within three feet of the openings. The Operator has not been able to remove the sediment from the culverts center. The culverts appear to be functional. Dave Spillman stated that the culverts were over designed, 24 inch corrugated pipe was used while calculation indicated that 18 inch pipe would be sufficient. The rip-rap lined ditch that the culverts flow into has sediment building up, but appears to be functional.

Dave Spillman said the main reason for the sediment build up was that the culverts and ditches had such gentle slopes that the water flowing through them lacked the velocity to carry the sediments that enter the culverts. Areas upstream of the culverts had been gravel this year. Fines associated with the gravel are washed into the culverts and then settle out. Dave hopes that most of the fine from the graveled area have been washed away and sediment buildup would decrease.

At present the Operator does not have the equipment to remove sediment from the culverts. When the culverts were designed it was assumed that a high pressure fire hydrant would be installed nearby and the diversions could be flushed out. The rip-rap in the ditch prevents the use of a front end loader for cleaning. While the ditch can be cleaned out by hand labor shortages prevent that operation from occurring on a routine basis. This area should be monitored on a monthly basis.

c. OTHER SEDIMENT CONTROL MEASURES

The strawbales that control runoff from the topsoil stockpile area near the sediment pond are deteriorating but still functional. The strawbales that are in the ring closest to the

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topsoil have eight to ten inches of topsoil built up on uphill side. In one area, less than a foot wide, the sediments reach the top of the bales. Dave Spillman was informed of the sediment buildup and stated that the bales would be replaced or built up.

10. SLIDES AND OTHER DAMAGE

The mats near the new portals that had been destroyed by last years slides have been replaced.

13. REVEGETATION

The access road to the number 3 fan site and the road south of the new portals has been seeded. Dave Spillman informed me that the hydro seeding was done on October 30, 1992.

16. ROADS

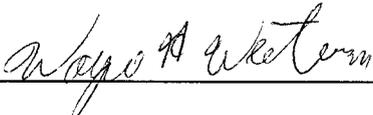
a. CONSTRUCTION/MAINTENANCE/SURFACING

The dirt road that leads to the explosive magazine shows signs of erosion. There are ruts in the middle of the road two to three inches deep. The road appears functional.

Copy of this Report:

Mailed to: Bernie Freeman (OSM) and Tom Paluso (Soldier Canyon Mine)

Given to: Joe Helfrich (DOGM) and Daron Haddock (DOGM)

Inspector's Signature:  #42 Date: 11/16/92