

12-5-88
7095



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

John SCA

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

INSPECTION REPORT

INSPECTION DATE & TIME: November 10, 1988
10:15 a.m. to 3:30 p.m.

Permittee and/or Operators Name: Southern Utah Fuel Company
Business Address: P. O. Box P Salina, Utah 84654
Mine Name: Convulsion Canyon Permit Number: ACT/041/002
Type of Mining Activity: Underground Surface Other
County: Sevier State: Utah
Company Official(s): Chris Kravits
State Official(s): Daron Haddock
Partial: Complete: Date of Last Inspection: Oct. 5, 1988
Weather Conditions: Cloudy, cool 42 degrees
Acreage: Permitted 7095 Disturbed 24.32 Regraded Seeded Bonded 67.9
Enforcement Action: None

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	(X)	()	()	(X)
2. SIGNS AND MARKERS	(X)	()	()	(X)
3. TOPSOIL	(X)	()	()	(X)
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	(X)	()	()	()
b. DIVERSIONS	(X)	()	()	(X)
c. SEDIMENT POND AND IMPOUNDMENTS	(X)	()	()	(X)
d. OTHER SEDIMENT CONTROL MEASURES	(X)	()	()	()
e. SURFACE AND GROUNDWATER MONITORING	(X)	()	()	()
f. EFFLUENT LIMITATIONS	(X)	()	()	(X)
5. EXPLOSIVES	(X)	()	()	()
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	(X)	()	()	(X)
7. COAL PROCESSING WASTE	()	()	(X)	()
8. NONCOAL WASTE	(X)	()	()	(X)
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	(X)	()	()	()
10. SLIDES AND OTHER DAMAGE	()	()	(X)	()
11. CONTEMPORANEOUS RECLAMATION	(X)	()	()	()
12. BACKFILLING AND GRADING	()	()	(X)	()
13. REVEGETATION	(X)	()	()	(X)
14. SUBSIDENCE CONTROL	(X)	()	()	(X)
15. CREATION OF OPERATIONS	()	()	(X)	()
16. ROADS				
a. CONSTRUCTION	(X)	()	()	(X)
b. DRAINAGE CONTROLS	(X)	()	()	()
c. SUBFACING	(X)	()	()	()
d. MAINTENANCE	(X)	()	()	()
17. OTHER TRANSPORTATION FACILITIES	(X)	()	()	()
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	(X)	()	()	(X)

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PERMIT NUMBER: ACT/041/002

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(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS:

Southern Utah Fuel Company was issued a new permit on August 26, 1988 which supersedes their previous permit. The new permit covers the area of the old permit plus the area of the new waste rock disposal site. The expiration date is the same as the former permit, May 20, 1992. The 13 stipulations attached to the permit have all been addressed and the division signed-off on them in a letter dated October 28, 1988.

A rider to the operators bond was issued August 13, 1988 which increased the bond from \$1,099,000 to \$1,172,000. The bond is held with Travelers Indemnity Company.

Liability insurance is held through the Insurance Company of North America and is in effect through January 1, 1989.

2. SIGNS AND MARKERS:

Mine I.D. signs are up at both the mine and the waste rock disposal site. New topsoil signs have been posted at the two topsoil piles at the waste rock site. Disturbed area perimeter markers (steel post with orange top) have also been recently installed around the circumference of the site as required.

3. TOPSOIL:

The topsoil pile created when building the waste rock sediment pond has been seeded and encircled by a berm. A silt fence has also been installed around the lower end of both topsoil piles at the waste rock disposal site.

4b. DIVERSIONS:

A recent storm has deposited some sediment in the substation road culverts. The operator will have them cleaned. The other ditches and culverts appear to be in good operating condition.

4c. SEDIMENT PONDS AND IMPOUNDMENTS AND 6. DEVELOPMENT WASTE AND SPOIL DISPOSAL:

Now that the waste rock disposal site has been permitted and constructed the operator is cleaning the main mine sediment pond. A large pit has been dug at the waste site and material from the pond is being dumped there. The sediment pond is being cleaned by a dredge which produces a

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4c. SEDIMENT PONDS AND IMPOUNDMENTS AND DEVELOPMENT WASTE AND DISPOSAL:(cont'd)

slurry of water and sediment. The slurry is then pumped up the hill by a booster pump and into waiting tank trucks which transport it to the waste site.

The Quarterly inspection reports of the mine sediment pond were inspected and showed no problems on Feb. 1st, May 4th, or Aug. 15th.

The operator was also reminded that with the construction of the new pond at the waste site, quarterly inspections of that pond should also be done.

4f. EFFLUENT LIMITATIONS:

Discharge Monitoring Reports for the last quarter show no NPDES discharge from point 001, no discharge from point 002 except in August when it was within effluent limitations, and discharge from point 003 within effluent limitations during all months of the quarter.

On October 5, 1988 effluent limitations were exceeded on point 003 when the TDS level reached 802 mg/l. The limitation is 800 mg/l. The operator sent notification of the exceedence on Nov. 9, 1988 as required.

13. REVEGETATION:

All of the area disturbed while constructing the waste rock disposal site has been regraded and seeded.

Seed was broadcast on the topsoil pile by hand and raked in. Disturbed areas around the sediment pond and diversion ditches have been seeded by drilling.

14. SUBSIDENCE CONTROL:

An aerial survey was flown on Sept. 16, 1988 by Mapcon. Photographs of the flight have been received but the operator is still waiting on the data analysis. A ground survey was conducted one week before and one week after the flight, which monitored 64 control stations. Eight stations showed appreciable change from one year ago with the largest change of 4.09 ft.

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16a ROAD CONSTRUCTION; 8. NONCOAL WASTE; 18. SUPPORT FACILITIES AND UTILITY
INSTALLATIONS:

On October 26, 1988, SUFCO received approval to construct a new coal storage area directly east of the mine shop area. This construction

project involved removing the oil waste storage tank and constructing a new road where the tank was. The storage area east of the mine shop is being expanded by cutting into the hillside. Retaining walls will then be installed on the sides of the storage area and conveyor systems will be installed to transport coal to and from the crushing building.

Construction of this project is taking place all within previously disturbed area with no appreciable change to drainage patterns.

Copy of this Report:

Mailed to: Mike Davis (SUFCO)

Mailed to SLC for: Brian Smith (CSM), Joe Helfrich (DOGM)

Filed to: PFO

Inspectors Signature and Number: Daron R. Haddock #28 Date: Nov. 14, 1988