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8-2-87

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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

INSPECTION REPORT

INSPECTION DATE & TIME: 7-21-87
9:30 to 1:00

Permittee and/or Operators Name: Southern Utah Fuel
Business Address: P.O. Box P Salina, Ut 84654
Mine Name: Convulsion Canyon Permit Number: ACT/041/002
Type of Mining Activity: Underground X Surface Other
County: Sevier
Company Official (s): Mike Davis, Chris Kravits, Rehea Nelson
State Official(s): Holland Shepherd
Partial: X Complete: Date of Last Inspection: 6-30-87
Weather Conditions: cloudy, wet, runoff at site
Acreage: Permitted 6194.75 disturbed 27.79 Regraded 0 Seeded 0 Bonded 27.9
Enforcement Action: none

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

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

INSPECTION REPORT
(continuation sheet)

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PERMIT NUMBER: ACT/041/002

DATE OF INSPECTION 7-21-87

(Comments are Numbered to Correspond with Topics Listed Above)

4.c. SEDIMENT POND:

According to Mr. Kravits, the operator's sediment pond has not discharged yet this summer. The pond's level was well below discharge, approximately 1.5 feet.

4.d. OTHER SEDIMENT CONTROLS:

1. Sediment Control Measures were functioning adequately throughout the site. The site had been subject to heavy rains the night before this inspection and no heavy sediment loading was detected moving off the disturbed area.
2. The hillside behind the east road substation is still sparsely vegetated, even though the operator reseeded this last fall at the Division's recommendation. The operator has constructed a silt fence at the toe of this particular hillside which acts to treat sediment and drainage coming off the slope. The silt fence has been functioning well.

6. DEVELOPMENT WASTE AND SPOIL:

I visited the operator's Salina Coal Yard as part of this inspection and was accompanied by Ms. Rehea Nelson of Sufco. I visited the coal yard to inspect the temporary storage of underground development wastes which had been removed to this location from the Convulsion Canyon mine site last month (see inspection report dated 6-30-87). Approximately 3,000 tons of refuse or gob material has been stored in small, individual piles at the site, covering about an acre of surface area.

The operator provided me with a copy of the refuse analysis, which is stored at the Belina yard. A copy of the analysis accompanies this report.

Mailed to: Mike Davis, Donna Griffin
Given to: Joe Helfrich

Inspector's Signature and Number: Holland Shepherd #9 Date: 7-31-87



**Southern Utah
Fuel Company**

P.O. Box P
Salina, Utah 84654
(801) 529-7428
(801) 637-4880 (Mine)

Subsidiary of
Coastal States
Energy Company

June 2, 1987

Sample identification
by
SUFCo

Kind of sample **Special**

Sample taken at **Mine**

Sample taken by **Hand**

Date sampled **5/21/87**

Date received **5/21/87**



Accredited by the American Association
for Laboratory Accreditation

Analysis report no. 568/87

SHORT PROXIMATE ANALYSIS

	<u>As Received</u>	<u>Dry Basis</u>
Moisture %	13.18	XXXXX
Ash %	30.54	35.19
Btu/lb.	2,645	3,046
Sulfur %	0.47	0.54

FUSION TEMPERATURE OF ASH*

	<u>Reducing</u>	<u>Oxidizing</u>
Initial Deformation	XXXX OF	XXXX OF
Softening (H = W)	XXXX OF	XXXX OF
Softening (H = 1/2W)	XXXX OF	XXXX OF
Fluid	XXXX OF	XXXX OF

*LECO Ash Fusion Determinator
Model Number AF-500

H = Cone Height
W = Cone Width

The procedures and methods of testing reported herein are in accordance with ASTM Standards for Coal and Coke unless otherwise noted by an asterisk (*).

Jim McElfresh
Laboratory Supervisor

Validity of this report guaranteed only by an original authorized signature.