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John Sch



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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INSPECTION REPORT

INSPECTION DATE & TIME: August 22, 1989
10:00 a.m. to 3:30 p.m.

Permittee and/or Operators Name: Southern Utah Fuel Company
Business Address: 397 S. 800 W. 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, Mike Davis
State Official(s): Daron Haddock
Partial: Complete: Date of Last Inspection: July 27, 1989
Weather Conditions: Partly cloudy, 70 degrees
Acreage: Permitted 7395 Disturbed 24.3 Regraded Seeded Bonded 67.8
Enforcement Action: None

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

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

INSPECTION REPORT
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PERMIT NUMBER: ACT/041/002

DATE OF INSPECTION August 22, 1989

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS:

The mid point of the Southern Utah Fuel Company permit is November 19, 1989. A Mid-Permit Term Review (MPTR) is currently being conducted to identify any permit or mine plan deficiencies.

Southern Utah Fuel Company has recently acquired new federal lease area. They are currently going through the necessary steps to add this land to the permit area.

An exploration drilling program is also being conducted at the present time. Eight holes are scheduled to be drilled. The Bureau of Water Rights gave approval for the drilling project on August 1, 1989, which approval expires on January 31, 1990. The Bureau of Land Management approved the project on July 28, 1989 with 10 stipulations attached.

2. SIGNS AND MARKERS:

There are three mine identification signs at the mine site and two at the waste rock disposal site. All are in order. Other signs and markers also appear to be in place.

3. TOPSOIL:

Approval for a subsoil storage area below the waste rock site was granted on August 11, 1989. Subsoil has been placed at the site and graded. A berm and silt fence are used for sediment control.

4b. DIVERSIONS:

It is evident that recent thunderstorms have hit the mine area. It appears that all diversions have functioned properly. Even though all the ditches meet the performance standards, some ditches could probably use some maintenance. Areas of concern discussed with the operator include:

1. ditch south of mine parking lot carrying undisturbed drainage below the mine site.
2. diversion #2 at the waste rock disposal site.
3. ditch at north end of the new subsoil storage area.

4c. SEDIMENT PONDS AND IMPOUNDMENTS:

The sediment pond at the mine and the sediment pond at the waste rock disposal site were inspected. There was no discharge from either pond and no other problems noted. The operators pond self inspections for the last two quarters were done February 10, 1989 and May 10, 1989.

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4d. OTHER SEDIMENT CONTROL:

All of the operator's silt fences appear to be operating properly. An additional silt fence is planned for the area above the mine fan.

4f. EFFLUENT LIMITATIONS:

Discharge monitoring reports were checked for the 1st and 2nd quarters of 1989. In February, March, and April the only mine discharge was from point 003. TDS levels were exceeded (slightly) in all three months. The proper agencies were notified as required.

In May, there was discharge from the mine pond, point 002, as well as the point 003 discharge. The operator notified the proper agencies that TSS had been slightly exceeded from point 002. In June, discharge from points 002 and 003 met the effluent limitations.

Biomonitoring for point 003 was also conducted and results submitted on July 11, 1989. The ceriodaphnia and fathead minnow tests were both acceptable.

5. EXPLOSIVES:

During the construction of the new run-of-mine stockpile, some explosives were used to remove some large rocks. The blasting records were reviewed and showed that 3 blasts were performed on May 11, 1989. (One at 10:37 a.m., one at 2:42 p.m., and one at 3:59 p.m.) Another blast was done on May 12, 1989 and one blast was done on May 13, 1989. All were very small blasts with the largest using 4.48 lbs. of explosive per delay. The blasting records, done by Stan Lucido, appear to be complete.

6. DEVELOPMENT WASTE AND SPOIL DISPOSAL:

Development waste at the waste rock site has been stored and compacted as required. Quarterly inspections of the waste rock disposal site were conducted on May 10, 1989 and March 13, 1989.

Sample Analysis of the waste material has also been performed quarterly as required.

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12. BACKFILLING AND GRADING:

The area above the new run-of-mine coal stockpile has been backfilled and graded. Some settling of the material has occurred. The operator plans to fill in the cracks and hydroseed the area this fall.

13. REVEGETATION:

A few areas around the mine and waste rock site have sparse vegetation. These include; The topsoil and subsoil piles, the area above the run-of-mine stockpile, and the waste rock diversion #2. The operator plans to do some remedial seeding and mulching this fall, possibly using a hydroseeder.

Copy of this Report:

Mailed to: Mike Davis (SUFCO)

Mailed to SLC for: John Kathmann (OSM), Joe Helfrich (DOGM)

Filed to: PFO

Inspectors Signature and Number: Daron R. Haddock #28 Date: August 24, 1989