



0019

STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

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INSPECTION REPORT

INSPECTION DATE & TIME: Aug. 2-3, 1988  
11:45 a.m. - 3:15 p.m. & 10 a.m. - 1 p.m.

Permittee and/or Operators Name: Southern Utah Fuel Co.  
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): Mike Davis and Wes Sorenson  
State Official(s): Daron Haddock  
Partial:  Complete:  Date of Last Inspection: July 19, 1988  
Weather Conditions: Warm, partly cloudy, afternoon thunderstorms  
Acreage: Permitted 7355 Disturbed 17 Regraded      Seeded      Bonded 27.9  
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>( )</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>( )</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>( X )</u>
<u>f. EFFLUENT LIMITATIONS</u>	<u>( X )</u>	<u>( )</u>	<u>( )</u>	<u>( X )</u>
<u>5. EXPLOSIVES</u>	<u>( )</u>	<u>( )</u>	<u>( X )</u>	<u>( )</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>( )</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>( X )</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>( X )</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>

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PERMIT NUMBER: ACT/041/002

DATE OF INSPECTION Aug. 2-3, 1988

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS:

The 5 year permit # ACT/041/002 was issued May 19, 1987 with stipulations. The division notified the operator on June 28, 1988 that all of the 5 year permit stipulations have been adequately addressed.

While inspecting the area below the mine, a question arose as to whether the pump house, the spring collection area, and the leach field area should be included as part of the disturbed area and as such should be included as small area exemptions. Upon further investigation it was determined that these areas are outside of the permit boundaries and would not fall under DOGM jurisdiction. These areas are addressed through a Forest Service Special Use Permit # 4078-02, which was issued July 31, 1986.

3. TOPSOIL:

As noted in the previous month inspection report, the topsoil storage area does not report to a sedimentation pond. The operator plans to handle this area as a small area exemption and is in the process of formulating the required information.

4c. SEDIMENT PONDS AND IMPOUNDMENTS:

Due to recent thunderstorms, the sediment pond is nearly full of water although no water has gone over the primary spillway as yet.

A few rills are starting to develop on the embankment above the pond. With continued erosion these rills could develop into a compliance issue. The operator will provide additional erosion control to check the erosion on this embankment.

Some drainage appears to have gone directly into the spillway of the mine yard sediment trap thus by-passing the settling facility. All of the drainage still reported to the main sediment pond and none has left the disturbed area. In order to increase the efficiency of the sediment control system the operator will beef up the berm along the north side of the sediment trap and direct all surface drainage through the settling facility.

The pond inspection reports completed February 1, 1988 and May 4, 1988 were checked with no observed problems.

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4d. OTHER SEDIMENT CONTROL MEASURES:

The silt fence around the power substation appears to be working well. Sediment has accumulated in it during the recent storms and may need to be cleaned soon.

A new cement settling box has been installed just above the lower yard drop drain (near the waste oil collection tank) which should help catch sediment before it reaches the yard drain system.

4e. SURFACE AND GROUNDWATER MONITORING:

On June 30, 1988, a computer printout was submitted to DOGM and Utah Department of Health giving the tabulated data for surface and groundwater monitoring from June 1983 through the 1st quarter of 1988.

4f. EFFLUENT LIMITATIONS:

The NPDES permit #UT-0022918 was issued effective November 1, 1987 and will expire July 31, 1991. The permit allows for 3 outfalls (001, 002, & 003). Points 001 and 002 show no discharge during the months of April, May, and June. Point 003 discharged within the limits of the permit in April and May however, the limit for TDS was exceeded in June with 722 mg/l discharged while the permit allows only 700 mg/l. The operator did provide written notification of the exceedence to DOGM and the Utah Dept. of Health within the 5 days required.

The NPDES permit also requires that biomonitoring be conducted on outfall 003. On June 30, 1988 the operator submitted the 1st quarter reports which are the first reports required.

6. DEVELOPMENT WASTE AND SPOIL DISPOSAL:

The operator is now working up the bond calculations for the new waste rock disposal site. Upon completion of the bond requirements, construction of the site should be able to proceed.

13. REVEGETATION:

The slope above the power substation has sparse vegetation. It was recommended that some seed be placed on the slope this fall when conditions would allow for germination.

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14. SUBSIDENCE CONTROL:

The subsidence monitoring report for 1987 was submitted with the annual report. Subsidence monitoring for 1988 is scheduled to be done in the next couple of months.

16a. ROAD CONSTRUCTION:

Certification of the Class I haul road was done on December 21, 1987 by Professional Engineer Wesley Sorensen.

Copy of this Report:

Mailed to: Mike Davis, SUFCO

Mailed to SLC for: Brian Smith, DSM; Joe Helfrich, DOGM

Filed to: PFO

Inspectors Signature and Number: Daron R. Haddock #28 Date: Aug. 4, 1988