

File

0010



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangertter, 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

Permittee and/or Operators Name: Southern Utah Fuel Company  
 Business Address: P.O. Box P Salina, UT 84654  
 Mine Name: Convulsion Canyon Permit Number: ACT/041/002  
 Type of Mining Activity: Underground  Surface  Other   
 County: Sevier  
 Company Official(s): Mike Davis  
 State Official(s): Hollander Shepherd  
 Inspection Date and Time: 9-17-86 10:30 - 4:00  
 Partial:  Complete:  Date of Last Inspection: \_\_\_\_\_  
 Weather Conditions: Sunny - warm  
 Acreage: Permitted 6.74 Disturbed 27.79 Regraded 0 Seeded 0 Bonded 27.79  
 Enforcement Action: none

### COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	Comments
1. PERMITS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. HYDROLOGIC BALANCE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a. STREAM CHANNEL DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b. DIVERSION'S	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e. SURFACE AND GROUNDWATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
f. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. EXPLOSIVES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. COAL PROCESSING WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. NONCOAL WASTE	<input checked="" 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"/>	
10. SLIDES AND OTHER DAMAGE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
13. REVEGETATION	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
15. CESSATION OF OPERATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16. ROADS	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
a. CONSTRUCTION	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c. SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e. MAINTENANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17. OTHER TRANSPORTATION FACILITIES	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
18. SUPPORT FACILITIES AND UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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Permit Number: ACT/041/002

Date of Inspection: 9-17-86

COMMENTS

(Comments are Numbered to Correspond with Topics Listed Above)

Sufco 9-17-86

1. Permits:

The operator received a letter dated 3-13-86, from the Division, indicating that the State was satisfied with all the permitting questions and was prepared to issue the mine a permit. However, the permit is currently experiencing a 510 C clearance problem, resulting from the unpaid fine of an affiliate in Virginia. The situation maybe resolved with the stipulation attached to the permit that the operator will pay the fine if pending litigation does not favor the company.

2) Another letter from the Division dated 8-27-86, requests that the operator increase the reclamation bond so that current costs are taken into account. The letter indicates that this information will be due 45 days after receipt of the letter.

4.c. Sediment Ponds and Impoundments:

The operator is currently decanting the sediment pond. As a result of past high TDS values, the pond is being decanted at an average rate of 6 to 8 gpm, to avoid exceeding permit limitations. Decanting was initiated 7-28-86 and has continued since then. Several large storm events in August added additional water to the pond. The pond's level is approximately 3 to 4 feet below the primary outlet. I collected samples for metals, oil and grease, TDS, and suspended solids from the pond's discharge.

4.b. Diversions:

The diversion ditch which carries drainage from the switch back of the east road to the East Spring Canyon Spring stream channel needs further maintenance. The section just below the first switch back down to the canyon drop off, needs some riprapping in spots. The operator and I discussed locations for extra riprapping along this section of the diversion.

Copy of this Report:

Mailed to: Mike Davis, Donna Griffin  
Given to: Joe Helfrich, Sue Linnert, Rick Summers

Inspectors Signature and Number: Hollis Stephens #9 9-29-86

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(continuation sheet)

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4.d. Other Sediment Control Measures:

- X 1) The operator has installed a silt fence the length of the steep slope located behind and to the east of the substation. The fence was installed to prevent extra sediment from entering the undisturbed bypass diversion system. This area of the site has a small areas exemption. The slope above the diversion is quite steep and relatively barren of vegetation. I mentioned in a previous report that the operator had attempted to seed this area before without much success. During this inspection the operator indicated to me that he would attempt to seed it again with seed left over from a project it had been used for last fall.
- X 2) Another area which the operator said he would reseed is located above the inlet to the 72 inch bypass culvert. This is a small area just to the south east of the inlet it is sparsely vegetated and drains towards the inlet.
- 3) The operator has re-riprapped two other undisturbed diversion ditches on the mine site. One is located to the north of the warehouse, the other is located to the north of the fan housing. Both ditches have been deepened and riprapped with heavier material.
- X 4) Another area, which will be watched for erosion, is located to the east and above the warehouse-shop area. According to Mr. Davis the associated slope has been seeded in the past. However, the seeding effort was not very successful. I explained to Mr. Davis that this area was not an immediate concern because all drainage from the area goes to the sediment pond, and erosion of quality soil material from this area is not a problem. Soil on this slope appears to be mostly composed of unconsolidated C type horizon material (hard, rocky and lacking in nutrients). The lack in soil quality on this slope has resulted in the problem with revegetation success.

Inspectors Signature, Number and Date: *Willie Stephens* #9 9-29-86

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4.e. Surface and Groundwater Monitoring:

\* Information concerning surface and groundwater monitoring is available at the mine site, for analysis performed through the third quarter of 1985. The rest of 1985 and the first two quarters of 1986 have not been summerized yet. Once the operator receives his permanent program permit this information should be made available, at the earliest convience, at the mine site for DOGM inspectors to review.

4.f. Effluent Limitations:

All NPDES sampling information is current through September 9th of this year. The operator has been sampling the sediment pond (NPDES pt 002) during the decanting procedure. Analyses, thus far, indicates no problem with effluents.

8. Noncoal Wasted:

1) The three 25 Kvm transformers, which have been stored behind the shop-warehouse, have been recently tested for PCB content. The analysis, returned 6-9-86, indicates that the level of PCBs is undetectable.

2) The operator has an Spill Prevention Control and Countermeasure (SPCC) plan dated 5-5-83. The plan indicates that the sediment storage system is of an adequate size to retain any spill that might occur on the site. The permit also describes a detailed process, where by, clean up will occur in the event of a spill.

Inspectors Signature, Number and Date: Holla Hughes # 2 9-29-86

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10. Slides and Other Damage:

In the July 16, 1986 report I mentioned that there had been a slide in the area below the sediment pond in the East Spring Canyon drainage. The slope, concerned, had been affected by an intense precipitation event early in July. In reviewing the mine plan I determined that this area is not within the operator's permitted area, so he cannot be held responsible for restabilizing the effected slope. I intend to contact the Fishlake Forest Service office concerning the matter.

14. Subsidence Monitoring:

The mine has been monitoring various subsidence stations at the site. The monitoring information is now submitted yearly to the Division as part of the operator's annual report.

16.b.c. Road Drainage Controls and Surfacing:

The operator has completed maintenance work on the east road or substation access road. An excellent job has been done in upgrading sediment controls on the road. The road has been re-graveled with material of a larger size (approx. 3-4 inches) and angular in shape instead of rounded, as before. The ditch along the highwall side of the road has been deepened and re-riprapped with larger material. Water bars have been installed at various intervals along the ditch to further dissipate water energy.

Inspectors Signature, Number and Date:

W. L. Stephens #9 9-29-86