



0003

STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

SLC  
[Signature]

Norman H. Bangerter, 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: 3-12&13-87  
3:00-4:30 p.m. and 9:00-4:00 p.m.

Permittee and/or Operators Name: Southern Utah Fuel Company  
Business Address: P.O. 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, Cris Kravits  
State Official(s): Holland Shepherd, Bill Malencik  
Partial:  Complete:  Date of Last Inspection: 2-13-87  
Weather Conditions: sunny, warm, slight runoff occurring on site  
Acreage: Permitted 6194 Disturbed 27.79 Regraded 0 Seeded 0 Bonded 27.79  
Enforcement Action: none

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	<u>YES</u>	<u>NO</u>	<u>N/A</u>	<u>COMMENTS</u>
1. PERMITS	( X )	( )	( )	( )
2. SIGNS AND MARKERS	( X )	( )	( )	( )
3. TOPSOIL	( X )	( )	( )	( )
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	( X )	( )	( )	( )
b. DIVERSIONS	( X )	( )	( )	( )
c. SEDIMENT PONDS 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 )	( )	( )	( )
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 )	( )	( )	( )
14. SUBSIDENCE CONTROL	( X )	( )	( )	( X )
15. CESSATION OF OPERATIONS	( )	( )	( X )	( )
16. ROADS				
a. CONSTRUCTION	( )	( )	( X )	( )
b. DRAINAGE CONTROLS	( X )	( )	( )	( )
c. SURFACING	( X )	( )	( )	( )
d. MAINTENANCE	( X )	( )	( )	( )
17. OTHER TRANSPORTATION FACILITIES	( )	( )	( X )	( )
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	( X )	( )	( )	( )

INSPECTION REPORT  
(continuation sheet)

Page 2 of 4

PERMIT NUMBER: ACT/041/002

DATE OF INSPECTION 3-12&13-87

(Comments are Numbered to Correspond with Topics Listed Above)

4.c. Sediment Pond:

Sediment pond inspections are current through 2-10-87. The operator inspects the sediment pond quarterly and indicated that there are no problems with the pond at this time.

4.f Effluent Limitations:

The operator's NPDES Data Monitoring Reports are current through January of 1987. February's material was not yet available at the time of this inspection.

1. The operator's sediment pond (pt 002) discharged in Nov. and Dec. of 1986. The discharge was in compliance with the operator's NPDES permit.
2. Discharge point 003 located at the Quitcupah escape portal has been discharging every month, for the period from Nov. of 86 to Jan. of 87. The inspectors traveled to the 003 discharge point during this inspection and collected grab samples at the site. Discharge was occurring at approximately 400 to 500 gpm. The analysis has been received and is listed as follows:

Total Dissolved Solids	682 mg/l
Total Iron	.05 mg/l
Total Manganeses	.02 mg/l
Oil and Grease	5.0 mg/l

All of the above parameters meet NPDES effluent limitations except TDS which is not to go above 650 mg/l. I spoke with Mr. Mike Herkimer of the State Bureau of Water Pollution Control (BWPC) concerning this TDS reading. The BWPC administers the NPDES permit which regulates discharges from this point. Mr. Herkimer indicated to me that it was not at a high enough level to warrant a great deal of concern by his agency. Because of the closeness of the analysis to the effluent limit, lab error should be taken into account. Mr. Herkimer indicated that sample results have to be a great deal higher, for this particular parameter before his agency would take action. Mr. Herkimer advised that this particular discharge point will be watched more closely in the future.

Copy of this Report:

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

Inspectors Signature and Number: Holland Shepherd #9 Date: 3-27-87

INSPECTION REPORT  
(continuation sheet)

Page 3 of 4

PERMIT NUMBER: ACT/041/002

DATE OF INSPECTION 3-12&13-87

(Comments are Numbered to Correspond with Topics Listed Above)

3. The operator's records show no discharge since October of 86 for pt 001. However upon inspection of the operator's bypass culvert associated with this discharge point it appeared that a recent discharge had been made. The pipe associated with this point discharges into a 72 inch culvert which is located below the operator's sediment pond. Red staining from what may have been a recent discharge was apparent at the outlet of the bypass structure. I asked Mr. Davis if he had any knowledge of a recent discharge. He informed me that if there had been one he would have been notified by personnel responsible for underground pumping. Because of the lack of hard evidence of there being a recent discharge no enforcement action was taken.

In a phone conversation with Mr. Davis after this inspection I was informed that the possibility of a discharge occurring existed, but was unlikely since the associated sump had not been filling up. However, the pump that removes water from this sump is automatic and may have switched on. Mr. Davis informed me that the operator would be rerouting the mine drainage away from the sump which collects water associated with discharge point 001. Mr. Davis also indicated that an alarm system associated with the pumping of this sump would be rewired to cue the operator before the pumps would turn on. The operator would then know when a discharge was occurring and would be able to sample accordingly.

DOGM has, since this inspection, requested that the operator install a flow meter at this discharge point. We have also asked that the operator take composite samples at this site in the event of a discharge. We have requested a composite sample because each time a discharge occurs the pipe flushes out several thousand gallons of rusty water before cleaner water is encountered.

6. Disposal of Development Waste and Spoil:

Mr. Kerry Frane of Sufco informed me that the operator will not be considering a waste rock disposal area for several more months. Plans concerning such a project are in the making but nothing definite is ready to be sent to the Division.

Inspectors Signature and Number: Holland Shepherd #9 Date: 3-27-87

INSPECTION REPORT  
(continuation sheet)

Page 4 of 4

PERMIT NUMBER: ACT/C41/002

DATE OF INSPECTION 3-12&13-87

(Comments are Numbered to Correspond with Topics Listed Above)

14. Subsidence:

I spoke with Mr. Sorenson and Mr. Davis of Sufco who both indicated to me that they were not aware that the Division would be expecting an annual report this March of 87 summarizing several items including subsidence and water monitoring. I advised that a letter explaining the situation be sent to permit supervisor Susan Linner. The mailing of annual reports was requested last year by the Division and is, to my knowlegde, to continue each year from last year on.

The operator is currently updating subsidence monitoring information to submit to the Division in April or May of 87.

Inspectors Signature and Number: Holland Shepherd #9 Date: 3-27-87