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STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining



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04-22-87

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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

INSPECTION DATE & TIME: 4-2-87  
11:00 to 12:00

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  Surface  Other   
County: Sevier  
Company Official (s): Mike Davis  
State Official(s): Holland Shepherd  
Partial:  Complete:  Date of Last Inspection: 3-13-87  
Weather Conditions: Sunny, cool, some runoff occurring  
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	( X )	( )	( )	( )
b. DIVERSIONS	( X )	( )	( )	( )
c. SEDIMENT PONDS AND IMPOUNDMENTS	( X )	( )	( )	( X )
d. OTHER SEDIMENT CONTROL MEASURES	( X )	( )	( )	( X )
e. SURFACE AND GROUNDWATER MONITORING	( )	( )	( )	( )
f. EFFLUENT LIMITATIONS	( X )	( )	( )	( X )
5. EXPLOSIVES	( )	( )	( )	( )
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	( )	( )	( )	( )
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 4-2-87

(Comments are Numbered to Correspond with Topics Listed Above)

4.c Sediment Ponds:

The operator's sediment pond is approximately one foot below discharge. Mr. Davis indicated that he was preparing to decant the pond in the near future. He also informed me that the mine has requested an adjustment to the TDS limitation on the NPDES permit from State Health. The operator has had problems in the past meeting the TDS limitation on the permit which is 2000 mg/l. The high values usually occur in the spring as a result of salt drainage from the haul road.

4.d. Other Sediment Controls:

Ditches, berms, and other sediment control structures are functioning adequately at the site. No problems were encountered regarding this topic, during the course of the inspection.

4.f. Effluent Limitations:

The operator informed me that his last two water samples taken at NPDES discharge point 003 (at the Quitchupah portal) were below the limitation for TDS. As I indicated in my 3-13-87 inspection report, my sample results indicated a TDS value of 682 mg/L. The operator's sample, taken at the same time, was 628 mg/l. Another sample, taken by the operator in February, was 626 mg/l.

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

Inspectors Signature and Number: Holland Shepherd Date: 4-8-87