

0024

12-28-87



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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: 12-18-87
9:00 am to 2:00 pm

Permittee and/or Operators Name: Southern Utah Fuels Co.
Business Address: PO 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, Wess Sorenson
State Official(s): Holland Shepherd, Daron Haddock
Partial: Complete: Date of Last Inspection: 11-25-87
Weather Conditions: cloudy, cold, snowing
Acreage: Permitted 6195 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	(X)	()	()	(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)	()	()	(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
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PERMIT NUMBER: ACT/041/002

DATE OF INSPECTION 12-18-87

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS:

1. The operator responded to the 5 year permit stipulations, in a letter to the Division, dated 9-28-87. The Division answered the response, in a letter, dated 12-10-87, indicating that the operator had responded adequately to all the stipulations except 817.52 (1) - DD and USFS 3. The letter requires that these stipulations be addressed by 3-1-87.

2. The operator's liability insurance certificate expires on Jan. of 88.

4.c. SEDIMENT PONDS AND IMPOUNDMENTS:

The operator inspects the sediment pond quarterly. The last inspection was conducted on 11-9-87. No problems have been reported with the pond.

4.e. SURFACE AND GROUNDWATER MONITORING:

1. The operator has submitted 3rd quarter monitoring data, indicated in a letter dated 12-4-87.

2. The operator's monitoring data from station 021 or NPDES discharge point 003, indicates a steady rise in TDS since 1983 to the present. TDS in 6-83 was 448 mg/l, in 8-87 TDS was recorded as being 712 mg/l. Recently the operator was granted an approval from State Health to increase the NPDES, TDS limitation from 650 to 800 mg/l.

Relative to discharge point 003, it is estimated that, at an average discharge of 1.5 million gallons a day discharging at 700 mg/l, the average lbs/dy of TDS discharged is 8800.

Copy of this Report:

Mailed to: Mike Davis (SUFCO), Brian Smith (OSM)
Given to: Joe Helfrich, Daron Haddock

Inspectors Signature and Number:  #9 Date: 12-24-87

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PERMIT NUMBER: ACT/041/002

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4.f EFFLUENT LIMITATIONS:

The operator's NPDES discharge monitoring reports are current through 11-87. Discharges have only been recorded at point 003, during this time period. The operator was reporting not meeting the limitation for TDS until 11-87, when a new NPDES permit became effective and the limit was raised to 800 mg/l.

6. DISPOSAL OF DEVELOPMENT AND SPOIL:

The operator submitted a PAP for the Convulsion Canyon refuse disposal area, on 8-3-87. The PAP was reviewed by the Division and comments were returned to the operator on 10-6-87. According to Mr. Wess Sorenson the operator is still working on the deficiencies addressed in the PAP review.

14. SUBSIDENCE CONTROL:

Subsidence is checked by the operator via aerial survey. The operator contracts with Intermountain Aerial Survey to perform part of the subsidence monitoring program. The last fly over was conducted on 9-2-87.

Inspectors Signature and Number:  #9 Date: 12-24-87