



0002

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

File

SCA

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
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INSPECTION REPORT

INSPECTION DATE & TIME: 1-27-88 10:30
- 3:30 and 1-28-88 9:00-2:30

Permittee and/or Operators Name: Southern Utah Fuel 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: Seveir
Company Official (s): Mike Davis
State Official(s): Holland Shepherd (DOGM), Joe Funk(OSM)
Partial: Complete: Date of Last Inspection: 1-8-88
Weather Conditions: sunny, cold, snow covered
Acreage: Permitted 7355 Disturbed 17 Regraded 0 Seeded 0 Bonded 27.9
Enforcement Action: none(DOGM), TDN 88-2-6-1,2(OSM)

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

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

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PERMIT NUMBER: ACT/041/002

DATE OF INSPECTION 1-27&28-88

(Comments are Numbered to Correspond with Topics Listed Above)

1. Permitting:

The operator received permit approval on May 19, 1987, which included seven permit stipulations. The operator responded to the seven permit conditions on Sept. 28, 1987. In a letter from DOGM on Dec. 10, 1987, the operator was informed that an adequate response had been made for conditions: UMC 817.42-(1)-RS, OSMRE 1, OSMRE 2, USFS 1 and USFS 2. Conditions UMC 817.52-(1)-DD and USFS 3 are still outstanding and are due March 1, 1988.

OSM Inspector Joe Funk issued TDN 88-2-6-1, 1 of 2 for failure to comply with the terms and conditions fo the permit, relative to condition USFS 3. The TDN was issued because of the 60 day deadline attached to the condition.

The Division had, earlier, written an NOV on the same issue, but the NOV was vacated via the assessment conference process.

3. Topsoil:

Mr. Funk issued TDN 88-2-6-1, 2 of 2 for the operator's failure to provide a narrative explaining the location, construction, maintenance, etc. of topsoil stockpiles on site. In volume #8 of the MRP, it is mentioned that no topsoil stockpiles exist on the site. However, the operator does maintain one topsoil stockpile situated below the sediment pond. The Division will ask the operator to admend the plan accordingly.

4.c. Sediment Ponds:

Mr. Funk suggeseted that the operator remove language from the MRP, which says that pond inspections will be performed on specific months of the year. Committing to inspect the ponds quarterly is sufficient.

Copy of this Report:

Mailed to: Mike Davis (Sufco), Brian Smith (OSM)

Given to: Joe Helfrich (DOGM)

Inspectors Signature and Number: *John O'Connell #11* Date: 2-4-88

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PERMIT NUMBER: ACT/041/002

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(Comments are Numbered to Correspond with Topics Listed Above)

4.f. Effluent Limitations:

1. The operator's NPDES DMRs are current through 12-87. No discharges have been made, other than from point 003(mine water discharge into Quitcupah Creek). Samples were collected from this point earlier this month during a partial inspection. The sample results are provided below:

Oil and Grease	less than 2.0 mg/l
TDS	544 mg/l
TSS	less than 5.0 mg/l
Iron	less than .05 mg/l

These values all meet the limitations of the operator's NPDES permit

2. The operator needs to officially remove underground sampling points 062(1), 060, and 061 from the plan. These points are no longer accessible in the mine.

6. Disposal of Development Waste:

The operator informed Mr. Funk and myself, that the material which has been removed to the Salina Coal Yard from the mine site, will be utilized as low grade coal. The operator provided a proximate analysis indicating some of the waste's content to contain 6-7,000 BTUs. An earlier proximate analysis, taken last summer, indicated that some of the material contained 2-3,000 BTUs.

13. Revegetation:

It was suggested by Mr. Funk that the operator paint the reference area plot markers, when conditions permit. The reference plot is located on the southeastern portion of the mine above the Forest Service access road. The plot location is not readily detected because the markers are not conspicuous.

14. Subsidence:

Mr. Funk indicated that the MRP provided no information specifying a distinct methodology or dates for subsidence monitoring. Volumes 5 and 8, of the MRP address monitoring, but discuss, mainly baseline information. They do not outline a plan for future monitoring activities. Funk suggested that the Division ask for additional specifications.

Inspectors Signature and Number: *John D. ...* Date: 2-4-88

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16. Road Construction:

The operator provided a certification for the class I haul road, which enters the site from Convulsion Canyon. The certification, dated 12-21-87, is a narrative statement addressing the criteria of 817.151-817.154. The operator still needs to provide or amend the plan with a certified as-built design for the haul road, addressing: slope, grade, location, drainage controls, etc. It was agreed that this material would be provided during the mid-term review.

Inspectors Signature and Number:

John D. [Signature]

Date: 2-4-88