

0023



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

*File*

*John* *see*

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: March 22, 1988  
10:00 am to 1:00 pm

Permittee and/or Operators Name: Utah Fuel Company  
Business Address: P.O. Box 719, Helper, Utah 84527  
Mine Name: Skyline Mine Permit Number: ACT/007/005  
Type of Mining Activity: Underground  Surface  Other   
County: Carbon  
Company Official (s): Keith Zobell  
State Official(s): Randy Harden & Kent Wheeler  
Partial:  Complete:  Date of Last Inspection: February 23, 1988  
Weather Conditions: Cool, sunny, snowmelt occuring on site.  
Acreage: Permitted 4,834 Disturbed 75.9 Regraded  Seeded  Bonded 75.9  
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	( )	( )	( )	( )
b. DIVERSIONS	( X )	( )	( )	( X )
c. SEDIMENT PONDS AND IMPOUNDMENTS	( )	( )	( )	( )
d. OTHER SEDIMENT CONTROL MEASURES	( )	( )	( )	( )
e. SURFACE AND GROUNDWATER MONITORING	( X )	( )	( )	( X )
f. EFFLUENT LIMITATIONS	( )	( )	( )	( )
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	( X )	( )	( )	( X )

INSPECTION REPORT  
(continuation sheet)

Page 2 of 3

PERMIT NUMBER: ACT/007/005

DATE OF INSPECTION March 22, 1988

(Comments are Numbered to Correspond with Topics Listed Above)

4. HYDROLOGIC BALANCE:

4.b. DIVERSIONS

The 18" culvert carrying disturbed area drainage from the upper mine pad to the sediment pond became plugged with ice in the week prior to this inspection. The operator had notified the Division of the problem prior to inspection of the site. The culvert runs from the mine entrance, parallels the state road then enters the sediment pond via a drop structure. Low flow and freezing conditions had allowed the culvert to freeze up. Back pressure from the culvert caused upheaval of the state road and minor leakage at the point of rupture. The operator took corrective action by diverting the flow from the upper pad area down the slope through a section of flexible vent tubing to a collection ditch leading into the sediment pond.

The temporary arrangement was reviewed at the time of this inspection. It appears that there was little or no impact as a result of the culvert rupture. No evidence of degradation was observed and no sediment from the undisturbed area was found to have accumulated as a result of the leakage. The temporary installation of the vent tubing to direct the water to the sediment pond is functioning well. The operator has committed to repair and restore service of the culvert once ground thaw occurs.

4e. SURFACE AND GROUNDWATER MONITORING

Surface and groundwater monitoring information was reviewed at the site. Surface water monitoring information was found to be current through October of 1987. It was indicated to the operator that the information for the last quarter of 1987 should be posted in the mine records by the end of this month.

Well water level data was reviewed on site. Previously, this information had only been available through the Salt Lake Offices for Coastal States. Well information will now be kept current at the mine site.

Inspectors Signature and Number: #13  Date: March 28, 1988

INSPECTION REPORT  
(continuation sheet)

Page 3 of 3

PERMIT NUMBER: ACT/007/005

DATE OF INSPECTION March 22, 1988

(Comments are Numbered to Correspond with Topics Listed Above)

18. SUPPORT FACILITIES

The salt storage area on the site has been bermed to prevent water from running through the salt and into the sediment pond, thus increasing the potential in the pond for high TDS. However, snow has resulted in the accumulation of water within the berm and the salt stockpile. This problem was pointed out to the operator at the time of the inspection. Breaching of the berm would result in the flow of the water into the sediment pond and would cause a slug of high salt laden water to pass through the pond. At this point it was considered that the best the operator could do with the situation was to allow the water to evaporate in place behind the berm.

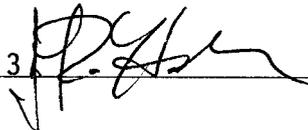
Once this immediate potential problem is resolved, it was recommended to the operator that relocation and/or redesign of the salt storage facilities such that water is not allowed to accumulate in and around the salt be undertaken.

Copy of this Report:

Mailed to: John Kathman - OSM Keith Zobell - Utah Fuel

Given to: Sue Linner and Joe Helfrich - DOGM

Inspectors Signature and Number: #13



Date: March 28, 1988