



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

DRZ

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INSPECTION REPORT

0007

INSPECTION DATE & TIME: May 21, 1991
10:00 a.m. - 3:30 p.m.

Permittee and/or Operator's Name: Utah Fuel Company
Business Address: P. O. Box 719, Helper, UT 84526 Ph: 637-7925
Mine Name: Skyline Mine Permit Number: ACT/007/005
Type of Mining Activity: Underground Surface Other
County: Carbon Company Official(s): Keith Zobell, Gary Peterson
State Officials(s): Priscilla Burton
Federal Official(s): None
Partial: Complete Date of last Inspection: April 30, 1991
Weather Conditions: Sunshine, 45°F, breezy
Acreage: Permitted 4,834 Disturbed 62.5 Regraded Seeded
Bonded 62.5 Enforcement Action: None

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	()	()	()	()
2. SIGNS AND MARKERS	()	()	()	()
3. TOPSOIL	(X)	()	()	()
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	()	()	()	()
b. DIVERSIONS	(X)	()	()	(X)
c. SEDIMENT PONDS AND IMPOUNDMENTS	(X)	()	()	()
d. OTHER SEDIMENT CONTROL MEASURES	(X)	()	()	()
e. SURFACE AND GROUNDWATER MONITORING	()	()	()	()
f. EFFLUENT LIMITATIONS	()	()	()	()
5. EXPLOSIVES	()	()	()	()
6. DISPOSAL OF DEVELOPMENT WASTE & SPOIL	(X)	()	()	(X)
7. COAL PROCESSING WASTE	()	()	()	()
8. NONCOAL WASTE	()	()	()	()
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	(X)	()	()	()
10. SLIDES AND OTHER DAMAGE	()	()	()	()
11. CONTEMPORANEOUS RECLAMATION	(X)	()	()	(X)
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	()	()	()	()

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PERMIT NUMBER: ACT/007/005

DATE OF INSPECTION: 05/21/91

(Comments are Numbered to Correspond with Topics Listed Above)

4. b. Diversions

Mr. Peterson and I walked the disturbed and undisturbed drainages. Straw bales have been replaced where necessary. The berm which creates disturbed drainage #11 (DD11) on the north side of the loadout requires reforming, due to traffic (see Map 3.2.1-3). Drainage off the road outslope, west of the truck dump, has been checked by straw bales in previous year. Although some vegetation is evident on the slope, not enough is present to do without the straw bales. Therefore, the bales should be maintained along the streamside in this area. The adjacent diversion ditch that runs downstream and parallel to the topsoil pile (Area 15) has adequate vegetation and no longer requires straw bales.

The undisturbed drainage ditch #1 (UDD1) on the south side of the loadout is littered with trash that should be picked up.

At a point approximately 250' below the union of the UDD1 and UDD3 drainages, where UDD3 (on the northside of the loadout) parallels the stream, a pond has developed. The pond is about 20" deep and at present is approximately 10' in diameter. The pond contains clear water, with amphibious life evident and algae on the surface. In the middle of the pond is a stand of 50-80' pines.

Mr. Peterson has attempted to increase flow out of the pond, by removing overgrowth from a small (~1' wide) drainage cut. This drainage cut and nearby stream are at very close elevations.

Map 3.2.1-3 shows UDD3 drainage entering the stream at the same point as the French drain/spring (another 250' downstream). No drainage of UDD3 is shown to enter the stream at the site of the pond. However, UDD3 clearly enters the stream at this point. UDD3 is presently dry.

My opinion is that high water and snowmelt overcame the stream bank at this point and settled in the depression around the pine trees.

Rick Summers of the Division was summoned for his opinion. He visited the site on 2/22/91.

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4. b. Diversions (Continued)

UDD3 is the edge of the loadout disturbed area. The pond is outside of Skyline Mine's disturbance on private property. It is likely that the pond will eventually drain or evaporate, although the pines may be lost. The operator is not deemed responsible for the pond formation, therefore no enforcement action is necessary. The landowner should be notified, however. The operator must make certain that the UDD3 ditch is well defined all the way to its drainage into Eccles Creek, to prevent a further source of water in the pond.

Diversions ditches at the main mine site need continual maintenance (Map 3.2.1-1). All water is reporting to the pond.

6. Disposal of Development Waste and Spoil

Waste rock was being hauled to the Scofield Rock Disposal site. A composite sample approximately 10 lbs was collected. The pond at the site was holding water. The revegetation of the road but/fill slope looked very green. Maintenance of the fence around the lush growth is required. An SCS evaluation of the Scofield Reference Area will be conducted this season. I would appreciate being notified of the date of the evaluation.

11. Contemporaneous Reclamation

The steep south facing slopes above the conveyor disturbance along State Route 264 are being planted with strawberry and squawbush. The operator has rigged up temporary irrigation of the tublings with clear water pumped from the sediment pond.

The seeding of the loadout topsoil pile (where disturbed by pad construction) is showing success. Grasses have emerged. The rest of the topsoil pile looks very well protected with vegetation.

Copy of this Report:

Mailed to: Brian Smith (OSM), Keith Zobell (Utah Fuel)

Given to: Daron Haddock, Joe Helfrich (DOGM)

Inspector's Signature & Number:

Date:

Phyllis Burton

#37

May 28, 1991