



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

John
027

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INSPECTION REPORT

Partial: X Complete: Exploration:
Inspection Date & Time: May 27, 1993 / 9:30-14:30
Date of Last Inspection: Apr. 22, 1993

Mine Name: SUFCo / Convulsion Canyon County: Sevier Permit Number: ACT/041/002
Permittee and/or Operator's Name: Coastal States Energy Company / SUFCo
Business Address: Mr. V. Mortensen, 175 E 400 S, Ste 800, SLC, Ut 84111/PO Box P, Salina, Utah 84654
Type of Mining Activity: Underground X Surface Prep. Plant Other
State Official(s): Wayne H. Western
Company Official(s): Wes Sorensen
Federal Official(s): None
Weather Conditions: Clear skies mid day temperature 70's to 80's
Existing Acreage: Permitted-17308.2 Disturbed-69.71 Regraded-3.5 Seeded-3.5 Bonded-69.71
Increased/Decreased: Permitted- Disturbed- Regraded- Seeded- Bonded-
Status: Exploration/Active/Inactive/Temporary Cessation/Bond Forfeiture
Reclamation (Phase I/Phase II/Final Bond Release/Liability Year)

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

Instructions

- Substantiate the elements on this inspection by checking the appropriate performance standard.
 - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
 - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June) _____ (date)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



INSPECTION REPORT

(Continuation sheet)

Page 2 of 2

PERMIT NUMBER: ACT / 041 / 002

DATE OF INSPECTION: May 27, 1993

(Comments are Numbered to Correspond with Topics Listed Above)

3. TOPSOIL

The stockpiled topsoil located near the sediment pond has vegetation established on lower areas away from the cliff. Little or no vegetative cover has been established on the stockpile's upper area and cliff facing slopes. I have contacted Paul Baker of this office, a biologist, to examine the stockpile. Possible reasons for lack of vegetation cover suggested by Wes Sorensen included nearby pine trees that shade the area and deposit pine needles that increase the soil's ph and lack of soil moisture.

4. HYDROLOGIC BALANCE

a. SEDIMENT PONDS AND IMPOUNDMENTS

The valve on the sediment pond at the mine site has been repaired and the weir leveled. The reason why pond had been partially drained was to provide access to the valve. There will be no more discharges from the pond in the foreseeable future.

e. EFFLUENT LIMITATIONS

The discharge from point 003 (sediment pond at mine site) exceeded effluent limitations. The Company has notified DEQ/DWQ on May 20, 1993 that the bimonthly sample taken on May 5, 1993 had an oil/grease value of 18 mg/l. Limitation established in the current NPDES discharge permit is 10 mg/l for oil/grease. The two samples taken in April had oil/grease amounts of less than 2 mg/l. The suspected reason for the excess is that last month a fuel leak occurred. Some of the spilled fuel flowed into the sediment pond and was discharged.

Runoff from the pad flows into a holding pond that is equipped with an oil skimmer. Water from the holding pond drains into the sediment pond. The holding pond was suppose to reduce the amount of oil/grease and settled solids that entered the sediment pond, which would reduce the frequency that sediment from the pond would have to be removed.

The broken valve at the sediment pond caused the water level to drop below the oil skimmer. When that occurred water bypassed the skimmer and flowed directly into the broken valve and then was discharged. Repairs on the valve could not begin until it was at water level.

As noted in section 4 the valve has been replaced. The Operator does not anticipate any discharges in the foreseeable future. Since the pond was not discharging no samples were taken.

INSPECTION REPORT

(Continuation sheet)

Page 3 of 2

PERMIT NUMBER: ACT / 041 / 002

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Since the Operator reported the excess to the Division of Water Quality, they are the lead agency and have primary responsibility for taking enforcement action. No enforcement action will be taken by the Division of Oil, Gas and Mining at this time.

8. NONCOAL WASTE

The sediment pond access road had been cleaned of trash.

13. REVEGETATION

The area at the waste rock disposal site that had been seeded last fall showed little to no plant growth. I contacted Paul Baker, Division biologist, who is familiar with the revegetation project. Paul was surprised to hear that the seeding had failed and promised to investigate the problem. Due to the high altitude and limited precipitation the next seeding effort should be conducted in the fall. There were no major erosion features on the topsoil.

Copy of this Report:

Mailed to: Bernie Freeman (OSM)

Given to: Joe Helfrich (DOGM)

Inspector's Signature: *W. Wayne Robertson* #42 Date: June 10, 1993