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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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INSPECTION REPORT

Partial: Complete: X Exploration:
Inspection Date & Time: May 12, 1994/13:00-16:30
Date of Last Inspection: March 10, 1994

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., Suite 800, SLC, UT 84111 / P.O. Box P, SLC UT 84654
Type of Mining Activity: Underground X Surface Prep. Plant Other
State Officials(s): Jess Kelley Company Official(s): Mike Davis Federal Official(s): None
Weather Conditions: Sunny and warm
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 checked="" 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 type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



INSPECTION REPORT

(Continuation Sheet)

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PERMIT NUMBER: ACT/041/002

DATE OF INSPECTION: May 12, 1994

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

Permit ACT/041/022 in force from 6/10/92 through 5/20/97.

4. HYDROLOGIC BALANCE

a) Diversions--The ditches and culverts in the pad area were free from obstruction and in good repair. All culverts appeared to be functional. Water was flowing from the main culvert into the sediment pond.

b) Sediment Ponds and Impoundments--There are three (3) sediment ponds at this site: the Main Sediment Pond (associated with UPDES point 002), the Concrete Sediment Trap (discharges into the Main Sediment Pond), and the Waste Rock Disposal Site Pond (designed for total containment, with an impoundment below into which water can be routed during cleaning). The Main Sediment Pond contained some water at the time of this inspection. The Concrete Sediment Trap contained water and was being cleaned by a loader. The Waste Rock Disposal Site Pond was dry.

The Main Sediment Pond and the Waste Rock Disposal Site Pond were inspected 3/25/94 by Michael L. Davis and the inspection report was certified by Wesley K. Sorensen.

d) Water Monitoring--There are 9 surface water monitoring points. All are sampled, according to the approved plan, 3 times per year: May-June, August-September, October-November. The surface water monitoring points are:

- 1) 006--Located in the South Fork of the North Fork of Quitchupah Creek. Last sampled 10/4/93.
- 2) 007--Located in the Upper North Fork of Quitchupah Creek. Last sampled 10/4/93.
- 3) 022--Located in Mud Spring Canyon just above the mine. Last sampled 10/5/93.
- 4) 030--Located in East Spring Canyon just above the mine. Last sampled 10/5/93.
- 5) 041--Located in Quitchupah Creek above North Fork. Last sampled 10/4/93.
- 6) 042--Located in the North Fork of the Quitchupah above the Quitchupah. Last sampled 10/4/93.

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- 7) 046--Located in Convulsion Canyon above the pump house. Last sampled 10/5/93.
- 8) 047A--Located in East Spring Canyon above Convulsion Canyon. Last sampled 10/5/93.
- 9) 090--Located in Box Canyon at the permit boundary. Last sampled 10/4/93.

There are 4 flow monitoring points at this site. Like the surface water monitoring points, these are also sampled, according to the approved plan, 3 times per year: May-June, August-September, October-November.

- 1) 047--Pumphouse effluent. Last sampled 10/5/93.
- 2) 057A--Spring at the head of Duncan Draw. Last sampled 10/4/93.
- 3) 062--Underground North Main at #6 Entry. Last sampled 10/5/93.
- 4) 089--Spring-fed pond at the head of Box Canyon. Last sampled 10/4/93.

There are 5 monitoring wells. These are sampled quarterly. The monitoring wells are:

- 1) WRDS #B-3--Located at the Waste Rock Disposal Site. Last sampled 11/2/93.
- 2) WRDS #B-5--Located at the Waste Rock Disposal Site. Last sampled 11/2/93.
- 3) WRDS #B-6--Located at the Waste Rock Disposal Site. Last sampled 11/2/93.
- 4) WRDS #B-8--Located at the Waste Rock Disposal Site. Last sampled 11/2/93.
- 5) WRDS #B-9--Located at the Waste Rock Disposal Site. Last sampled 11/2/93.

e) **Effluent Limitations**--Effluent parameters are monitored under UPDES Permit UT0022918, which is in force from 5/1/91 through 4/30/96.

There are 3 UPDES points:

- 1) 001--Located at East Spring. Emergency mine dewatering only.
- 2) 002--Located at the main sediment pond.
- 3) 003--Also designated 021. Mine discharge into North Fork of Quitcupah Creek.

8. NONCOAL WASTE

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Trash is stored in a fenced, natural alcove near the entrance gate and disposed of in the Salina landfill. This system works very well. The site is free of trash and the trash storage area does not allow dispersal of trash by wind or water.

9. PROTECTION OF FISH, WILDLIFE, AND RELATED ENVIRONMENTAL VALUES

SPCC (Spill Prevention, Control and Countermeasure) plan was certified 1/8/92 by Wesley K. Sorensen.

16. ROADS

a) **Construction/Maintenance/Surfacing**--Roads are all dry and in good condition.

b) **Drainage Controls**--Road ditches and culverts are all in good repair and free from obstruction.

21. BONDING AND INSURANCE

Liability insurance is held with Fidelity and Casualty Company of New York. Policy #MCD001870 is in force from 3/18/94 through 3/16/95 and contains the following limits:

General Aggregate	\$2,000,000
Products-Comp/Op Agg.....	\$2,000,000
Personal & Adv. Injury	\$2,000,000
Each occurrence	\$2,000,000
Fire Damage (any on fire)	\$100,000,000
Medical Expense (any 1 person) ..	\$10,000,000

Bond #U605244-14, in the amount of \$1,690,000, is held by United Pacific Insurance Company. The bond took effect 4/12/91.

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PERMIT NUMBER: ACT/041/002

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Copy of this Report:

Mailed to: Bernie Freeman (OSM)

Given to: Joe Helfrich (DOGM)

Inspector's Signature: _____

Jose N. Kelley

#34 Date: 5/16/94