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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Handwritten initials

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INSPECTION REPORT

Partial: Complete: Exploration:
Inspection Date & Time: May 25, 1994, 2:15-3:15 P.M.
Date of Last Inspection:

Mine Name: Convulsion Canyon County: Sevier Permit Number: ACT/041/002
Permittee and/or Operator's Name: Coastal States Energy Company
Business Address: 175 E 400 S., Suite 800, SLC, UT 84111 / P.O. Box P, SLC UT 84654
Type of Mining Activity: Underground Surface Prep. Plant Other
State Officials(s): Paul Baker
Company Official(s): Mike Davis
Federal Official(s): None
Weather Conditions: Partly Cloudy, 70's
Existing Acreage: Permitted- 17308.2 Disturbed- 69.71 Regraded- 3.5 Seeded- 3.5 Bonded- 69.71
Increased/Decreased: Permitted- 0 Disturbed- 0 Regraded- 0 Seeded- 0 Bonded- 0
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 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 type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT/041/002

DATE OF INSPECTION: May 25, 1994

(Comments are Numbered to Correspond with Topics Listed Above)

9. Protection of Fish, Wildlife and Related Environmental Values

According to Wess Sorensen, Bill Bates of Wildlife Resources conducted a helicopter raptor survey on May 17, 1994. Mr. Sorensen said there were no active golden eagle nests but that they found two active red-tailed hawk nests. Red-tailed hawks are of high state and federal interest, and their nests are protected by law. Doing this survey fulfills a commitment in the plan.

SUFCo does not plan to mine under any escarpments for several years, so there should be no danger of mining-caused escarpment failure that could damage or destroy a nest. This summer, exploration is planned on the plateau, but this should be done after crucial raptor nesting periods. Tree-nesting birds, such as accipiters, should not be affected.

13. Revegetation

There is a small amount of whitetop, a noxious weed, on the slope east of the mine office. Control efforts were made last year, but this is a difficult weed to fully control. On the long slope between the mine pad and the sediment pond, there is a lot of whitetop. SUFCo should start to try to control this patch. It will probably take 3-5 years.

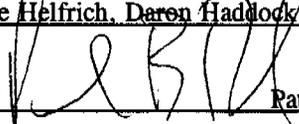
On the most recently reclaimed portion of the refuse pile, I found a thistle that I thought was musk thistle. I believe, instead, that it is bull thistle which is not a noxious weed. My general impression of the vegetation in this area was that it is doing well. There are more forbs and shrubs than in the area that was seeded in 1990.

We discussed test plot establishment. SUFCo was not able to plant the test plots last fall, but they intend to do it as soon as possible. SUFCo has committed in the mining and reclamation plan to plant the plots by this spring. I suggested they consider waiting until fall so final reclamation conditions could be better simulated. Because of the commitment in the plan, waiting until fall would require an amendment to the plan. Transplants might survive the summer if they are irrigated, but seeding this time of year would not be generally recommended.

Copy of this Report:

Mailed to: Marcia Petta (OSM), Mike Davis (SUFCo)

Given to: Joe Helfrich, Daren Haddock (DOGM)

Inspector's Signature: 

Paul B. Baker #41

Date: June 1, 1994