



# State of Utah

## INSPECTION REPORT

*Handwritten initials/signature*

Norman H. Bangertter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

Complete:  Exploration:   
Inspection Date & Time: 11/19/92, 09:00 - 16:00  
11/20/92, 12:00 - 12:30  
Date of Last Inspection: 10/28/92

Mine Name: Skyline Mine County: Carbon Permit Number: ACT/007/005  
Permittee and/or Operator's Name: Coastal States Energy/Utah Fuel Co.  
Business Address: P.O. Box 719; Helper UT 84527. (801) 637-7925  
Type of Mining Activity: Underground  Surface  Prep. Plant  Other   
State Official(s): Priscilla Burton  
Company Official(s): Keith Zobell, Gary Peterson, Keith Welch  
Federal Official(s): none  
Weather Conditions: cold & overcast turning to snow  
Existing Acreage: Permitted- 7067.11 Disturbed- 62.08 Regraded-      Seeded-      Bonded- 62.41  
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)

0050

### 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 checked="" 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" 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 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 checked="" 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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)

Page 2 of 3

PERMIT NUMBER: ACT/007/005

DATE OF INSPECTION: 11/19/92

## 1. Permits

Reference to an unsigned permit in the last complete inspection report should be commented upon. The failure of the permittee to sign does not invalidate the terms and conditions of the permit. Division management is researching the requirements of signature.

The following is an itemization of pending or recently approved amendments.

Approved:

92F Conveyor Vegetation Monitoring app'd 10/6/92  
92I Open Coal Storage app'd 10/30/92, requires revision of PHC and CHIA.  
92J Water Tank Installation app'd 10/5/92  
92L RRLO Sed Pond app'd 11/19/92

Incidental Drilling in the Mine Facilities Area was completed and drilling information was received 10/15/92.

Pending:

92K Response to DO 92C  
DO-92E Waste Rock Ditch Designs  
92M SW4 & DD2 Drainage Changes

Significant Dates:

12/1/92, submit information for compliance with DO 92D  
12/15/92, submit information for compliance with terms of UPDES permit

Other Ongoing Agreements:

November 1991 Agreement between Utah Division of Oil Gas and Mining and Coastal States Energy Co. (modified 7/15/92).  
Agreement between Utah Department of Transportation and Coastal States Energy Co, 5/12/92.

## 4. Hydrologic Balance

Inspection of diversions, sediment ponds and other sediment control structures at the mine site and associated ASCA's was curtailed due to snow cover.

### 4.d. Water Monitoring

Monitoring well at the Scofield Waste Rock Site was completed 8/6/92 and has been designated WRDS 1. A description of the well construction was provided in a letter dated 8/21/92 addressed to Jim Smith. The well site had been seeded and mulched. The designation of the well as WRDS 1 will be confusing, due to the fact that there currently are surface monitoring points at Scofield identified as WRDS 1 through 4.

Streams and springs were sampled in September for the third quarter. Information on sites VC 9 (surface water below mine site) and CS 3 (upstream from mine site) are presented below.

LOCATION	EC (MHOS/CM)	TDS (MG/L)
VC 9	1,225	1,020
CS 3	512	240

### 4.e. Effluent Limitations

Reported exceedences since the last complete inspection (8/19/92):

parameter

sample date

TDS 8/26/92, 9/9/92, 9/17/92, 9/22/92, 9/30/92, 10/6/92, 10/28/92  
TSS October average

## INSPECTION REPORT

(Continuation sheet)

Page 3 of 3

PERMIT NUMBER: ACT/007/005

DATE OF INSPECTION: 11/19/92

SO4 9/30/92,

N.O.V. 92-37-3-1 was abated with a commitment by the Permittee to inform the Division and DEQ of the results of a chronic toxicity testing of the effluent, a mine water discharge plan, sampling of NPDES point 001 weekly for TDS and SO4 (see letter from Utah Fuel, 10/28/92). As per telephone communication between R Summers and K Zobell, DMR forms must be submitted to the Division (as well as DEQ) beginning with the December monitoring reports. A sample from outfall 001 was taken during the inspection and was sent to Mountain States Lab for analysis of TDS and SO4.

### 7. Coal Mine Waste

During the inspection, Mr. Zobell indicated that excess overburden removed from the conveyor construction as well as some large concrete pieces would be moved to the Scofield Waste Rock Site (SWRS) for final disposal. I hesitated to consent to the disposal of concrete into the SWRS. The following information from a conversation with R Harden of the Division on 11/25/92, should be relayed to Mr. Zobell: *final disposal of concrete in a refuse pile should be of fragments no larger than 6' in any direction and will require 4' of cover.* Mr. Harden is available for discussion on the subject.

### 11. Contemporaneous Reclamation

N.O.V. 92-37-6-1 was abated. The Permittee has stated that reclamation was completed on or before 10/16/92. There was too much snow cover to evaluate the reclamation work. Erosion control from the affected sites will be the basis for evaluation of the effectiveness of the seeding and mulching.

Reclamation of the Scofield Waste Rock site disturbance as per the July agreement between DOGM and Utah Fuel Co. was partially conducted at the start of the inspection and finished prior to the end of the inspection. Seed was a mix of annual rye and the final seed mix for the mine site. No mulch was used. Again, snow cover precluded a final inspection of the seeding.

### 17. Other Transportation Facilities

The enclosed section of the overland conveyor requires some finishing details. i.e.) sealing cracks to prevent leakage and creating a drain for the washdown water.

### 19. AVS Check

With regard to Stipulation A-1 on the permit, a 10 day letter was sent to Virginia Iron, Coal and Coke Co. on 8/28/92. A settlement offer, proposed on 10/6/92, is pending approval or rejection by OSM - Lexington (as per telephone conversation with Mr. Earl Bandy Jr. on 10/23/92).

### 20. Air Quality Permit

A revised air quality permit is dated 9/1/92. This permit was issued in conjunction with the Conveyor Revision 91-1 and Open Coal Storage Amendment 92I.

### 21. Bonding and Insurance

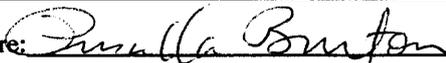
A revision to the Reclamation Agreement (sections D & B) remain to be signed by the Permittee and returned to the Division as per communication from W. Western on 6/19/92. Bonding was adjusted for this permit term. A rider to the bond in the Division files is dated 6/9/92.

NOTE: THIS INSPECTION REPORT DOES NOT CONSTITUTE AN AFFADAVIT OF COMPLIANCE WITH THE REGULATORY PROGRAM OF THE DIVISION OF OIL, GAS AND MINING.

Copy of this Report:

Mailed to: Bernie Freeman (OSM), Keith Zobell (Utah Fuel Co.)

Given to: Joe Helfrich and Daron Haddock (DOGM)

Inspector's Signature:  # 37 Date: 11/30/92