



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

INSPECTION REPORT

Partial: _____ Complete: XXX Exploration: _____
Inspection Date & Time: 3/9/2001 / 9:30 AM to 3:30 PM
Date of Last Inspection: 2/27/2001

Mine Name: Horse Canyon Mine County: Carbon Permit Number: C/007/013
Permittee and/or Operator's Name: UtahAmerican Energy, Inc.
Business Address: 31 North Main, Helper, UT 84526/ 56854 Pleasant Ridge Rd., Alledonia, OH 43902
Type of Mining Activity: Underground XXX Surface _____ Prep. Plant _____ Other _____
Company Official(s): Dave Varner and Tom Paluso
State Official(s): Dave Darby and Paul Baker Federal Official(s): None
Weather Conditions: Cloudy, 50's, patchy snow on the ground; the snow was up to two feet deep near RS-1
Existing Acreage: Permitted about 1600 Disturbed 74.26 Regraded 52 Seeded 51.56
Status: Active Reclamation XXX

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

- 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.

	<u>EVALUATED</u>	<u>N/A</u>	<u>COMMENTS</u>	<u>NOV/ENF</u>
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 type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL ISSUES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input checked="" 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 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 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 checked="" 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 (4 th Quarter- April, May, June)	<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 type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT
(Continuation sheet)

PERMIT NUMBER: C/007/013

DATE OF INSPECTION: 03/09/2001

(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

On March 5, 2001, the Division gave final approval for amendment LC00C.

On March 9, 2001, the Division sent its review of the Lila Canyon Tract and requested a response by April 13, 2001.

4A. HYDROLOGIC BALANCE: DIVERSIONS

Ditch 19b runs on the east side of the county road near the remaining buildings. Water was ponding in part of this ditch, and we cleared it so it could flow toward the sediment pond.

4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

There was some water in pond 2 (the upper pond), but it was nowhere close to discharging. Pond 1 was dry.

We discussed ways of reclaiming pond 1 while disturbing the smallest possible area, but reclamation needs to be done according to the plan unless the plan is revised. Plate III-1B-1 shows difficult-to-read contours of the area, and the cross sections are in Appendix VI-4. These contours and cross sections show the pond being reclaimed to a shallow swale. Most of the material to fill the pond comes from below with very little from above.

4D. HYDROLOGIC BALANCE: WATER MONITORING

Mr. Varner and I took water samples from the right fork of Horse Creek and from spring RS-1. The flow in the right fork appeared to be mostly from RS-1, but there was some surface flow (snowmelt) coming from above RS-1. We saw no water running in any of the other channels, but there was some snowmelt water running down the county road.

11. CONTEMPORANEOUS RECLAMATION

The report for the October 2000 inspection has the following comments about reclaiming the lower sediment pond:

The mining and reclamation plan says, "All sediment ponds will be regraded or breached when vegetation and water quality standards are met for the reclaimed area." In conditionally approving Phase II bond release, the Division found the reclaimed areas to meet vegetation and water quality standards; therefore, sediment pond #1 should be reclaimed as soon as possible. Regulation R645-301-352 requires that revegetation occur as contemporaneously as practicable with mining operations.

The Division has on file a letter dated August 22, 2000, from Clyde Borrell indicating the sediment pond and culverts will be removed next spring. According to R645-301-354, disturbed areas must be planted during the first normal period for favorable planting conditions after replacement of the plant-growth medium. The normal planting time for this area is in the fall;

INSPECTION REPORT

(Continuation sheet)

PERMIT NUMBER: C/007/013

DATE OF INSPECTION: 03/09/2001

rarely are spring seedings successful. Reclamation of the pond should be timed so that seeding is done sometime between late September and early November and immediately after grading.

The requirement to seed during the first normal period for favorable planting conditions and the commitment to reclaim the pond in the spring of 2001 appear to be in conflict. Although the pond needs to be reclaimed as soon as possible, I believe there would be better revegetation if this was delayed until early fall. In this case, the applicant should notify the Division of the change in schedule. Another alternative would be to proceed with reclamation this spring and to plant interim revegetation, such as an annual grain, to decrease erosion and weed growth until permanent vegetation can be planted..

Inspector's Signature: _____



Paul B. Baker #41

Date: March 12, 2001

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas & Mining.

sd

cc: James Fulton, OSM
Clyde Borrell, UtahAmerican
Mel Coonrod, EIS
Price Field office
O:\007013.HOR\Compliance\2001\C_0309.wpd