



## State of Utah

### Department of Natural Resources

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas & Mining

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

#### Representatives Present During the Inspection:

Company	Jay Marshall	Resident Agent
OGM	Priscilla Burton	Environmental Scientist III
OGM	Pete Hess	Environmental Scientist III

## Inspection Report

Permit Number:	C0070013
Inspection Type:	TECHNICAL
Inspection Date:	Thursday, January 03, 2008
Start Date/Time:	1/3/2008 9:45:00 AM
End Date/Time:	1/3/2008 2:00:00 PM
Last Inspection:	Friday, December 28, 2007

Inspector: Priscilla Burton, Environmental Scientist III

Weather: sun 22 F

InspectionID Report Number: 1516

Accepted by: dhaddock  
1/9/2008

Permittee: **UTAHAMERICAN ENERGY INC**  
 Operator: **UTAHAMERICAN ENERGY INC**  
 Site: **HORSE CANYON MINE**  
 Address: **PO BOX 986, PRICE UT 84501**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

#### Current Acreages

5,992.07	Total Permitted
122.49	Total Disturbed
61.65	Phase I
	Phase II
	Phase III

#### Mineral Ownership

- Federal  
 State  
 County  
 Fee  
 Other

#### Types of Operations

- Underground  
 Surface  
 Loadout  
 Processing  
 Reprocessing

#### Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

Walked the boundary of the area to be grubbed, from 1st survey stake to 37th survey stake. Collected eight, 5 gallon buckets of cryptobiotic soil to be stored in a cool, dark, dry location until it can be applied to the surface of the topsoil pile.

Inspector's Signature: \_\_\_\_\_

Priscilla Burton, Environmental Scientist III

Inspector ID Number: 37

Date Wednesday, January 09, 2008

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

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**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
  - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
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 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.a Hydrologic Balance: Diversions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: 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 Issues	<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 type="checkbox"/>	<input type="checkbox"/>	<input 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.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: 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	<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 and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**1. Permits, Change, Transfer, Renewal, Sale**

UEI is internally evaluating modifications to the arrangement of the surface facilities. The Division recommended that Mr. Marshall file an amendment to the MRP and an NOI with air quality as soon as final plans were available.

**3. Topsoil**

Using a site facilities map created by Precision Services Engineering (PSE map), we walked 37 survey points that had been installed to demarcate the area that would be grubbed in the coming week. The area of grubbing includes the office, parking, topsoil, and sediment pond, that is, the lower portion of the proposed site. Survey points #8 - 11 were close to the disturbed area boundary on the Lila Canyon wash side and would be moved inward to ensure that the disturbed area drains to the sediment pond. Grubbing was started with a D6 dozer and by January 9, a backhoe was also being employed. According to Mr. Marshall, on January 9, approximately 30% of the lower portion of the site had been grubbed.

Next, we collected 8, 5 gallon buckets of cryptobiotic soil from locations immediately north and south of the jeep trail shown on the PSE surface facilities map. The location was chosen for the ease of access and little snow cover. The approximate location was marked on Plate 2-3 Soil Salvage Map. Plate 2-3 identifies the soil as Rubbleland-Strych-Gerst (RBL) soil, where 8 inches of topsoil salvage is expected. The collected soil was from areas that had greater than or equal to 25% cover of cryptograms (Schoeneberger, P.J., et al, 1998. Field Book for Describing and Sampling Soils was used as a reference for this estimation.) A shovel of the surface soil from 0 - 2 inches deep was scooped into the buckets. The soil was not screened as described in Section 232.100, since only a very small screen was available. A field decision was made that the soil will be screened before use. The eight buckets were covered during transportation to a cool, dry and dark location (the crawl space beneath the West Ridge office). In storage, the bucket lids were left ajar, to allow moisture in the soil to evaporate. The cryptobiotic soil will be applied to the topsoil stockpiles as described in Section 234.230.

**9. Protection of Fish, Wildlife and Related Environmental Issues**

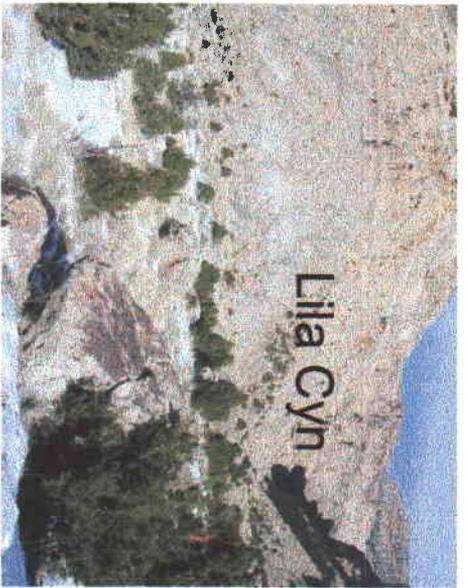
There were approximately 25 head of cattle at the proposed mine site.

**22. Other**

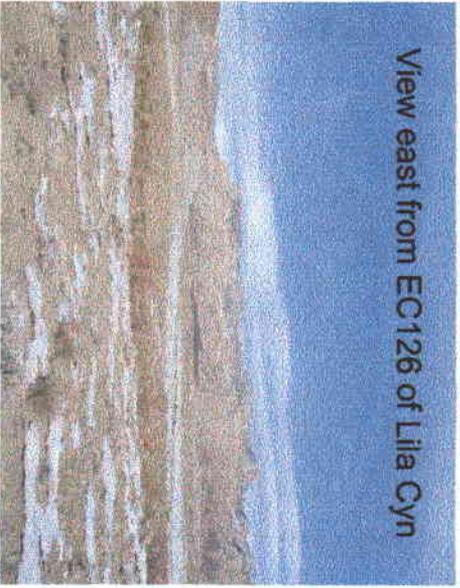
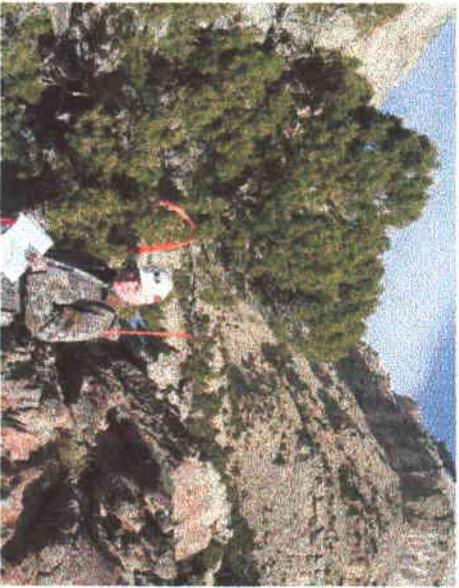
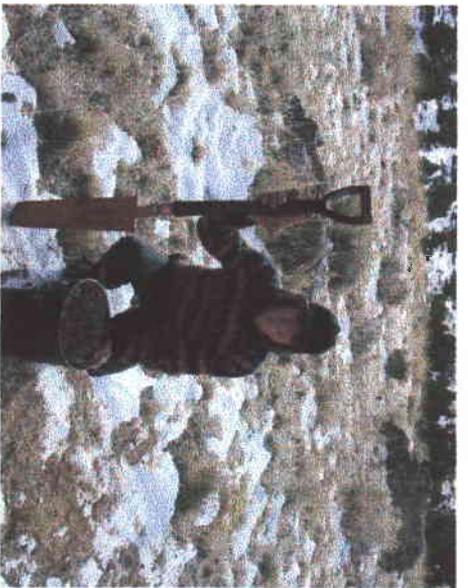
County road from Hwy 6 to the mine site has been improved (graded) for the first two miles. After that, it is a rough road to the site.



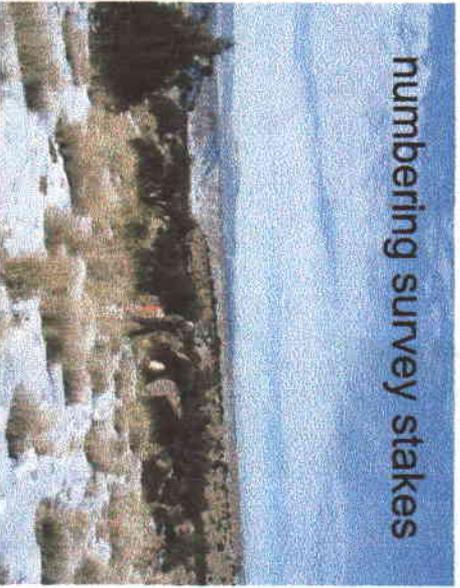
> or = to 25% cryptobiotic soil



Lila Cyn



View east from EC126 of Lila Cyn



numbering survey stakes