



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Inspection Report

Permit Number:	C0070013
Inspection Type:	PARTIAL
Inspection Date:	Friday, August 09, 2013
Start Date/Time:	8/9/2013 10:00:00 AM
End Date/Time:	8/9/2013 12:00:00 PM
Last Inspection:	Tuesday, July 16, 2013

Representatives Present During the Inspection:	
OGM	Priscilla Burton
Company	Jay Marshall

Inspector: Priscilla Burton,

Weather: sun 80 F

InspectionID Report Number: 3574

Accepted by: jhelfric
8/26/2013

Permitee: **UTAHAMERICAN ENERGY INC**
 Operator: **UTAHAMERICAN ENERGY INC**
 Site: **HORSE CANYON MINE**
 Address: **PO BOX 910, EAST CARBON UT 84520-0910**
 County: **CARBON**
 Permit Type: **PERMANENT COAL PROGRAM**
 Permit Status: **ACTIVE**

Current Acreages

5,992.07	Total Permitted
42.60	Total Disturbed
74.26	Phase I
74.26	Phase II
74.26	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:

Evaluated the condition of topsoil and islands of undisturbed soil within the disturbed area shown on the 2010 Topsoil Removal Map. Discussed future plans for expansion.

Inspector's Signature:

Priscilla Burton,

Inspector ID Number: 37

Digitally signed by Priscilla Burton
 DN: cn=Priscilla Burton, o, ou,
 email=priscillaburton@utah.gov, c=US
 Date: 2013.08.30 15:45:42 -06'00'

Date

Friday, August 09, 2013



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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. Permits, Change, Transfer, Renewal, Sale

Aside from the truck loadout loop which is described in the MRP, additional expansion described to me during the site inspection will require an amendment to the MRP. (i.e. Portal access road realignment, expansion of the ROM coal stockpile pad, expansion of disturbed area south of the substation)

3. Topsoil

The topsoil stockpile contains 62,373 cu yd of soil (Addendum to the 2010 Annual Report: Topsoil Removal Table as of July 2010). The north side of the pile was hydroseeded and hydromulched in March 2010, see Insp Rpt #2317. Desirable vegetation is well established on the north side of the topsoil stockpile. Slender wheatgrass, shadscale, Indian ricegrass, Fourwing saltbush, Lewis flax, desert globemallow, palmer penstemon, and bluebunch wheatgrass were all identified on the pile. A couple of volunteer alfalfa plants were also noted on the pile. The fourwing, penstemon and flax were all producing a bumper seed crop. No cryptogams were found.

The south side of the stockpile was broadcast seeded following grading in December 2010, with less success. Weedy vegetation does provide cover on the south side of the stockpile. The pile is stable with no evidence of rills or gullies.

Truck loadout construction will require topsoil removal from the undisturbed islands shown on the Topsoil Removal Map. (Just north of the topsoil stockpile, subsoil will also be cut and placed to create a pad.) This construction is described in the MRP and is expected to take place next year. At that time the south side of the topsoil pile will receive the additional topsoil and have final grading, surface roughening and be hydromulched and seeded according to plan. The MRP includes a commitment to have a soils specialist oversee the soil salvage and to maintain records of the volumes of soil salvaged and salvage depths (MRP sections R645-301-232.500 and R645-301-232.100).

4.b Hydrologic Balance: Sediment Ponds and Impoundments

Both ponds are holding water due to recent storms.



Horse Cyn topsoil stockpile (southwest face).



Rilda Cyn topsoil stockpile (south face).



Lila Cyn topsoil stockpile (north face).



Lila Cyn looking north from topsoil stockpile at location of truck loadout road and undisturbed islands.



Two feet of subsoil was placed and seeded on the outslope of the warehouse pad.



Looking east from topsoil stockpile at the islands of undisturbed soil within the permit boundary.



Looking west from the conveyor portal at the islands of undisturbed within the permit boundary.

