0022

UtahAmerican Energy, Inc.

Lila Canyon Project
P. O. Box 986, Price, Utah 84501
Phone: (435) 888-4000
(435) 650-3157
Fax: (435) 888-4002

OK C/007/013 Incoming

May 22, 2008

Daron Haddock
Permit Supervisor
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Re: UtahAmerican Energy, Inc. Horse Canyon Mine 08-008 C/007/013. Annual Report

Dear Mr. Haddock,

Attached you will find two (2) copies of the 2007 Annual Report. One copy is to be delivered to Price and one for Salt Lake City Office.

Should you have any questions please call.

Sincerely,

R. Jay Marshall

R. Jay Marshall
Chief Engineer/Project Manager

File in:
C/007/013, 2008, Incoming
Refer to:
☒ Confidential
☐ Shelf
☐ Expandable
Date 05/22/08 For additional information

RECEIVED
MAY 27 2008
DIV. OF OIL, GAS & MINING

*To enter text, click in the box and type your response. If a box already contains an entry select the entry and type the replacement. You can use the **tab** key to move from one field to the next. To select a check box, click in the box or type an x.*

GENERAL INFORMATION

Permitte Name	UTAHAMERICAN ENERGY, INC.
Mine Name	Horse Canyon Mine
Operator Name (If other then permittee)	
Permit Expiration Date	May 6, 2011
Permit Number	C/007/013
Authorized Representative Title	R. Jay Marshall
Phone Number	453 888 4007
Fax Number	Fax (435) 888-4002
E-mail Address	jaymarshall@coalsource.com
Mailing Address	UtahAmerican Energy, Inc. P.O. Box 986 Price, Utah 84501
Designated Representative	R. Jay Marshall
Resident Agent	R. Jay Marshall
Resident Agent Mailing Address	UtahAmerican Energy, Inc. P.O. Box 986 Price, Utah 84501
Number of Binders Submitted	

IDENTIFICATION OF OTHER PERMITS

Identify other permits that are required in conjunction with mining and reclamation activities.

Permit Type	ID Number	Description	Expiration Date
MSHA Mine ID(s)	42-00100	Horse Canyon	None
	42-02241	Lila Canyon	None
MSHA Impoundment(s)	1211-UT-09-02241-01	Lila Canyon	None
NPDES/UPDES Permit(s)	UtG040013	EXPIRED	April 30, 2008
	UTG040024		April 30, 2013
PSD Permit(s) (Air)	DAQE-702-99		None
Other			

CERTIFIED REPORTS

List the certified inspection reports as required by the rules and under the approved plan that must be periodically submitted to the Division. Specify whether the information is included as Appendix A to this report or currently on file with the Division.

Certified Reports:	Required Yes	Required No	Included or DOGM file location Included	Vol, Chapter, Page	Comments
Excess Spoil Piles	☐	☒	☐		
Refuse Piles	☐	☒	☐		
Impoundments	☒	☐	☐		INCLUDED IN APPENDIX "A"
Other					
	☐	☐	☐		
	☐	☐	☐		

COMMITMENTS AND CONDITIONS

The Permittee is responsible for ensuring annual technical commitments in the MRP and conditions accepted with the permit are completed throughout the year. The Division has identified these commitments below and has provided space for you to report what you have done during the past year for each commitment. If the particular section is blank, no commitment has been identified and no response is required for this report. If a written response is required, it should be filed under Appendix B to this report.

Admin R645-301-100	
Soils R645-301-200	
Biology R645-301-300 **Raptor Inventory to the Confidential File**	
Landuse, Cultural Resources, Air Quality R645-301- 400	
Engineering R645-301-500	
Geology R645-301-600	
Hydrology R645-301-700	
Has this commitment been acted on this year? Yes ☐ No ☐ Not Required for this year. ☒	**Title: RAIN GAUGES** **Objective:** Establish on-site climatological database. **Frequency:** No less than monthly from May 1 through October 30, monthly when feasible during the remaining months. **Status:** To be implemented within 30 days of Board's approval of the Stipulation for Dismissal. **Reports:** Data will be downloaded quarterly and included in the Annual Report **Citation:** Conditions to the Permit, Attachment A, Special Conditions (December 21, 2007.

Has this commitment been acted on this year? Yes ☐ No ☐ Not Required for this year. ☒	**Title: CREST STAGE GAUGES AND SIPHON SAMPLERS** **Objective:** additional water-quality and -quantity data. **Frequency**: Quarterly monitoring for 2 years; Installation, maintenance, and inspection to follow USGS protocols and on a frequency established by the Division. **Status**: Devices to be installed by March 31, 2008. At the end of the first year, the data will be analyzed and additional monitoring locations may be required. **Reports**: Included in regular quarterly monitoring reports. The MRP (and CHIA) to be updated as needed. **Citation:** Conditions to the Permit, Attachment A, Special Conditions (December 21, 2007).
Has this commitment been acted on this year? Yes ☐ No ☐ Not Required for this year. ☒	**Title: SEEP AND SPRING SURVEY** **Objective:** Locate previously unidentified water resources. **Frequency**: Annual. **Status**: Survey to be commenced by March 31, 2008. Additional sites may be selected for quarterly monitoring of water quality and quantity. **Reports**: Included in regular quarterly monitoring reports. The MRP (and CHIA) to be updated as needed. **Citation:** Conditions to the Permit, Attachment A, Special Conditions (December 21, 2007).
Has this commitment been acted on this year? Yes ☐ No ☐ Not Required for this year. ☒	**Title: USE GPS TO SURVEY LOCATIONS OF ALL KNOWN AND NEWLY IDENTIFIED SEEPS AND SPRINGS** **Objective:** More precise identification and location of seeps and springs **Frequency**: Annual. **Status**: Survey to be commenced by March 31, 2008. **Reports**: The MRP (and CHIA) to be updated. **Citation:** Conditions to the Permit, Attachment A, Special Conditions (December 21, 2007).
Has this commitment been acted on this year? Yes ☐ No ☐ Not Required for this year. ☒	**Title: TWO MONITORING WELLS TO BE ESTABLISHED IN FUTURE BOREHOLES.** **Objective:** Monitor water levels and water quality within the permit and adjacent areas. **Frequency**: If wells are established. **Status**: To be done when and if additional holes are bored from the surface to the coal seam. **Reports**: Water-quality and -quantity data will be included in the quarterly hydrolgy reports. The MRP (and CHIA) to be updated as needed. **Citation:** Conditions to the Permit, Attachment A, Special Conditions (December 21, 2007).

Bonding & Insurance R645-301-800

Other Commitments

*Reminder: If equipment has been abandoned during 2007, an amendment must be submitted that includes a map showing its location, a description of what was abandoned, whether there were any hazardous or toxic materials and any revision to the PHC as necessary.

REPORTING OF OTHER TECHNICAL DATA

List other technical data and information as required under the approved plan, which must be periodically submitted to the Division. Specify whether the information is included as Appendix B to this report or currently on file with the Division.

LEGAL, FINANCIAL, COMPLIANCE AND RELATED INFORMATION

Change in administration or corporate structure can often bring about necessary changes to information found in the mining and reclamation plan. The Division is Requesting that each permittee review and update the legal, financial, compliance and related information in the plan as part of the annual report. Please provide the Department of Commerce, Annual Report of Officers, or other equivalent information as necessary to ensure that the information provided in the plan is current. Provide any other change as necessary regarding land ownership, lease acquisitions, legal results from appeals of violations, or other changes as necessary to update information required in the mining and reclamation plan. Include certified financial statements, audits or worksheets, which may be required to meet bonding requirements. Specify whether the information is currently on file with the Division or included as Appendix C to the report.

Legal / Financial Update	**Required** Yes	No	**Included or DOGM File location** Included	Vol, Chapter, Page	**Comments**
Department of Commerce, Annual Report Officers	☐	☒	☐	☐	
Other					
	☐	☐	☐	☐	
	☐	☐	☐	☐	
	☐	☐	☐	☐	

MINE MAPS

Copies of mine maps, current and up-to-date through at least December 31, 2007, are to be provided to the Division as Appendix D to this report in accordance with the requirements of R 645-301-525.240. These map copies shall be made in accordance with 30 CFR 75.1200 as required by MSHA. Upon request, the Division shall keep mine maps confidential. Please provide a CD.

Map Number(s)	**Map Title/ Description**	**Confidential** Yes	No
Annual subsidence map	NA	☐	☐
		☐	☐
		☐	☐
		☐	☐
		☐	☐
		☐	☐
		☐	☐
		☐	☐
		☐	☐

OTHER INFORMATION

Please provide any comments of further information to be included as part of the Annual Report. Any other attachments are to be provided as Appendix E to this report. If information is submitted as a group rather then by individual mine, please identify each of the mine's data in the list below.

Additional attachment to this report? **Yes** ☐ **No** ☒

APPENDIX A

Certified Reports

Excess Spoil Piles
Refuse Piles
Impoundments

As required under R645-301-514

CONTENTS

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT			Page 1 of
Permit Number	ACT/007/013	**Report Date**	June 15, 2007
Mine Name	Horse Canyon		
Company Name	UtahAmerican Energy, Inc.		
Impoundment Identification	**Impoundment Name**	Sediment Pond #2 (Upper)	
	Impoundment Number	Pond #2	
	UPDES Permit Number	UTG0 40013-002A	
	MSHA ID Number	42-00100	

IMPOUNDMENT INSPECTION

Inspection Date	June 5, 2007
Inspected By	R. Jay Marshall
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly/Annual

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

No appearance of instability, structural weakness, or any other hazardous condition was observed at the time of inspection. Pond has approximately 6" of water in the bottom. The pond has been modified to allow for donation to the College of Eastern Utah. The principle spillway has been removed preventing any discharge other than the emergency overflow. This was done at the request of DOGM and Division of Water Quality. Once the donation has been completed UEI will submit request to deactivate the NPDES point.

Required for an impoundment which functions as a SEDIMENTATION POND.

2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.

Sediment Elevations:

60%	6233.1'
100%	6233.5'
Existing	6232.7'

3. Principle and emergency spillway elevations.

Principle	6234.9'
Emergency	6237.8'

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 2 of

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

There is no evidence of recent discharge. No water samples were taken. Vegetation is abundant. No erosion problems evident on in-slopes or out-slopes at time of inspection.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

The geometry of the impoundment has not changed.

Qualification Statement	I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability. **Signature:** R. Jay Marshall **Date:** 6/15/17

CERTIFIED REPORT

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 3 of

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	XXXXX	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	XXXXX	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	XXXXX	

COMMENTS AND OTHER INFORMATION

NONE

Certification Statement:

REGISTERED PROFESSIONAL ENGINEER # 152606 R. JAY MARSHALL PE Cert. Stamp STATE OF UTAH

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: R. Jay Marshall Chief Engineer
(Full Name and Title)

Signature: R. Jay Marshall Date: 6/15/07

P.E. Number & State: 152606 Utah

APPENDIX B

Reporting of Technical Data

Including monitoring data, reports, maps, and other information
As required under the approved plan or as required by the Division

In accordance with the requirement of R645-310-130 and R645-301-140

CONTENTS

UTAHAMERICAN ENERGY, INC.

Lila Canyon Mine Facility

Threatened, Endangered, & Sensitive Species Inventory Report

Conducted
May 03, 2007

By:

ENVIRONMENTAL INDUSTRIAL SERVICES
Environmental & Engineering Consulting
31 North Main Street * Helper * Utah 84526
Office - 435-472-3814 * Fax - 435-472-8780

UtahAmerican Energy, Inc.
Lila Canyon Mine Facility

1.0 Introduction

UtahAmerican Energy, Inc. (UEI) has contracted EIS Environmental & Engineering Consulting (EIS) to conduct inventories for their 2007 Lila Canyon Mine Facility. The proposed area is located south of East Carbon, Utah. This area also consists of land administered by the State of Utah, private owners, and the Bureau of Land Management (BLM). A follow-up survey of the proposed mine facility site was inventoried. These proposed facilities are required to be surveyed for a variety of threatened, endangered, and sensitive (TES) plant and animal species. Several TES species have been identified by the BLM through past studies as occurring, or potentially occurring within the UEI project area. Using established protocols, qualified Field Biologists of EIS conducted inventories for several proposed Threatened and Endangered Species (Table 1) at all areas of concern within the project area. The inventory for this Project was conducted on May 03, 2007.

Table 1: Species List

Common Name	*Scientific Name*
Alcove Bog-orchid	*Platanthera zothecina*
Basalt milkvetch	*Astragalus subcinereus var basalticus*
Bookcliffs blazing star	*Mentzelia multicaulis var librina*
Burrowing owl	*Athene cunicularia*
Canyon Sweetvetch	*Hedysarum occedentale var. conone*
Cataract gilia	*Gilia latifolia var. imperialis*
Creutzfeldt cryptantha	*Cryptantha creutzfeldtii*
Despain footcactus	*Pediocactus despainii*
Entrada rushpink	*Lygodesmia entrada*
Flat tops wild buckwheat	*Eriogonum corymbosum var. Smithii*
Jones Indigo-bush	*Psorothamnus polydenius var jonesii*
Peabody milkvetch	*Astragalus pubentissimus var peabodianus*
Psoralea globemallow	*Sphaeralcea psoraloides*
Thompson's talinum	*Talinum thompsonii*
Trotter's oreoxis	*Oreoxis trotteri*
Utah spurge	*Euphorbia nephradenia*
Winkler footcactus	*Pediocactus winkleri*
Wright fishhook cactus	*Sclerocactus wrightiae*
Yellowbilled cuckoo	*Coccyzus americanus*

2.0 Methodology

Inventory work on the Project area was conducted on May 03, 2007. A walkover of the corridor was conducted, using binoculars to note bird activity. Habitat present was noted, as was the general topography, and weather conditions. For inventory purposes, a buffer area of approximately 100 feet was surveyed. Corridors were walked using a zigzagged route rather than walking straight lines on either side, to better cover the area in question.

If target species were located, field personnel would flag the location, collect voucher specimens, mark the location on a quad-map or GPS the location, and take a photograph of the species and habitat.

2.1 Habitat Requirements

Alcove bog-orchid (*Platanthera zothecina*). Areas determined to have a potential for alcove bog-orchid consist of seeps, hanging gardens and moist stream areas between 4,360 to 8,690 feet elevation from the desert shrub to the oak brush communities, flowering from late July through August.

Basalt milkvetch (*Astragalus subcinereus var basalticus).* Areas determined to have a potential for basalt milkvetch consist of pinyon-juniper and ponderosa communities between 4,520 to 7,970 feet elevation. These plants flower from May to July

Bookcliffs blazing star (*Mentzelia multicaulis var librina).* Areas suspected to contain potential habitat for the Bookcliffs blazing star consists of sagebrush, rabbitbrush and pinyon juniper communities at about 6,200 feet elevation, on Mancos Shale and Price River formations.

Burrowing owl (*Athene cunicularia).* Areas determined to have a potential for owl use either contained or were within the vicinity of known white-tailed prairie-dog (*Cynomys leucurus*) towns.

Canyon Sweetvetch (*Hedysarum occedentale var. conone*). Areas suspected to contain Canyon Sweetvetch consist of shaded areas in/near ephermeral and perennial streams in Sagebrush, Pinyon-Juniper, mountain brush, and wash communities. Elevation ranges from 5,000-8,000 feet with a flowering period between late June through mid-August.

Cataract gilia (*Gilia latifolia var. imperialis*). Areas determined to have potential for cataract gilia consist of shadscale and tother mixed desert shrub communities, especially in wash bottoms and at the base of ledges, 3,800 to 5,200 feet in elevation. These are known to bloom from June to October.

Creutzfeldt cryptantha (*Cryptantha creutzfeldtii).* Areas suspected to contain potential habitat for Creutzfeldt cryptantha consist of mancos-shale openings in scattered pinyon-juniper woodlands, in association with black sagebrush, shadscale, green ephedra and buckwheat. It grows on surfaces that vary from flat to 35 degree slope with no specific aspect, and ranges in elevation from 5, 250-6,495 feet. The flowering period for the species is late April to June 15th.

Despain footcactus (*Pediocactus despainii*). Areas suspected to contain potential habitat for Despain footcactus consist of open pinyon-juniper communities on limestone gravels at around 6,000 feet. These cacti flower from late April thru early May.

Entrada rushpink (*Lygodesmia entrada).* Areas determined to have a potential for entrada rushpink consist of mixed desert shrub and juniper communities between 4,400 to 4,800 feet elevation, flowering in June.

Flat tops wild buckwheat (*Eriogonum corymbosum var smithii).* Areas determined to have a potential for flat tops wild buckwheat consist of open desert shrub communities where bedrock outcrops break the otherwise rolling terrain along the edge of and into draws, up steep mesa slopes and along their rims. It grows mainly on the Entrada Sandstone and on stabilized sandy soils in 4,700 to 6,100 feet elevation, flowering from late August through mid-October.

Jones Indigo brush (*Psorothamnus polydenius var jonesii).* Areas determined to have a potential for Jones indigo brush consist of salt desert shrub communities on the Mancos Shale Formation (Blue Gate and Tununk members) and less commonly elsewhere at approximately 4,820 feet elevation, flowering from late-May through mid-July.

Peabody milkvetch (*Astragalus pubentissimus var peabodianus).* Areas determined to have a potential for Peabody milkvetch consist of entrenched channels on the south and west flanks of the Tavaputs Plateau in pinyon-juniper and mixed desert shrub communities at 4,300 to 5,800 feet elevation, flowering from May through early-July.

Psoralea globemallow (*Sphareralcea psoraloides*). Areas determined to have a potential for psoralea globemallow consist of zuckia-ephedra communities on saline and gypsiferous Entrada siltstone at 4,000 to 6,000 feet elevation, flowering from mid-May through June.

Thompson talinum (*Talinum Thompsonii).* Areas determined to have a potential for Thompson talinum consist of silicious conglomeratic gravels in pinyon-juniper and ponderosa pine communities at about 7,500 feet elevation, flowering from mid-July through August.

Trotter oreoxis (*Oeroxis trotteri).* Areas determined to have a potential for trotter oreoxis consist of warm desert shrub and mixed juniper communities at 4,750 to 5,000 feet elevation, flowering from late April through mid June.

Utah spurge (*Euphorbia nephradenia).* Areas determined to have a potential for Utah spurge consist of mat-saltbrush, blackbrush, ephedra, mixed sandy desert shrub and grassland communities, on dark clay hills, blow sand and stabilized dunes mainly from Tropic Shale and Entrada formations between 3,800 and 4,800 feet elevation, flowering from June through August.

Winkler footcactus (*Pediocactus winkleri).* Areas determined to have a potential for winkler footcactus consist of salt desert shrub communities between 4,790 to 5,210 feet elevation, flowering late-March through mid-May.

Wright fishhook cactus (*Sclerocactus wrightiae).* Areas suspected to contain potential habitat for the Wright fishhook cactus consists of openings in salt desert shrub to the juniper community at 4,790 to 6,120 feet elevation on the Mancos Shale Formation, flowering from April to May.

Yellow-billed cuckoo (*Coccyzus americanus*). Yellow-billed cuckoos are considered a riparian obligate and are usually found in large tracts of cottonwood/willow habitats with dense sub-canopies. Nesting habitat is classified as dense lowland riparian characterized by a dense sub-canopy of shrub layer within 333 feet of water.

3.0 Results

Alcove bog-orchid (*Platanthera zothecina*). Suitable habitat does not exist within the proposed project area. This species was not found during TECS inventories conducted in May 2007.

Basalt milkvetch (*Astragalus subcinereus var basalticus).* Suitable habitat does not exist within the proposed project area. This species was not found during TECS inventories conducted in May 2007.

Bookcliffs blazing star (*Mentzelia multicaulis var librina).* Suitable habitat does not exist within the proposed project area. This species was not found during TECS inventories conducted in May 2007.

Burrowing owl (*Athene cunicularia).* Suitable habitat does not exist within the proposed project area. This species was not found during TECS inventories conducted in May 2007.

Canyon Sweetvetch (*Hedysarum occedentale var. conone*). Suitable habitat does exist within the proposed project area. This species was not found during TECS inventories conducted in May 2007

Creutzfeldt cryptantha (*Cryptantha creutzfeldtii).* Suitable habitat does exist within the proposed project area. This species was not found during TECS inventories conducted in May 2007.

Despain footcactus (*Pediocactus despainii*). Suitable habitat does exist within the proposed project area. This species was not found during TECS inventories conducted in May 2007.

Entrada rushpink (*Lygodesmia entrada).* Suitable habitat does not exist within the proposed project area. This species was not found during TECS inventories conducted in May 2007.

Flat tops wild buckwheat (*Eriogonum corymbosum var smithii).* Suitable habitat does exist within the proposed project area. This species was not found during TECS inventories conducted in May 2007.

Jones Indigo brush (*Psorothamnus polydenius var jonesii).* Suitable habitat does not exist within the proposed project area. This species was not found during TECS inventories conducted in May 2007.

Peabody milkvetch (*Astragalus pubentissimus var peabodianus).* Suitable habitat does exist within the proposed project area. This species was not found during TECS inventories conducted in May 2007.

Psoralea globemallow (*Sphareralcea psoraloides*). Suitable habitat does not exist within the proposed project area. This species was not found during TECS inventories conducted in May 2007.

Thompson talinum (*Talinum thompsonii).* Suitable habitat does not exist within the proposed project area. This species was not found during TECS inventories conducted in May 2007.

Trotter oreoxis (*Oeroxis trotteri).* Suitable habitat does not exist within the proposed project area. This species was not found during TECS inventories conducted in May 2007.

Utah spurge (*Euphorbia nephradenia).* Suitable habitat does not exist within the proposed project area. This species was not found during TECS inventories conducted in May 2007.

Winkler footcactus (*Pediocactus winkleri).* Suitable habitat does exist within the proposed project area. This species was not found during TECS inventories conducted in May 2007.

Wright fishhook cactus (*Sclerocactus wrightiae).* Suitable habitat does exist within the proposed project area. This species was not found during TECS inventories conducted in May 2007.

Yellow-billed cuckoo (*Coccyzus americanus*). Suitable habitat does not exist within the proposed project area. This species was not found during TECS inventories conducted in May 2007.

The findings of all the TES inventories for the UEI Mine Project have been summarized in a spreadsheet format. They include the geographical area and the legal location of the site. Also included is the substrate, community type and whether or not the species was present at the site (Attachment 1). Copies of the field data sheets and maps are included in this report as well (Attachment 2 and Plate I).

ATTACHMENT I

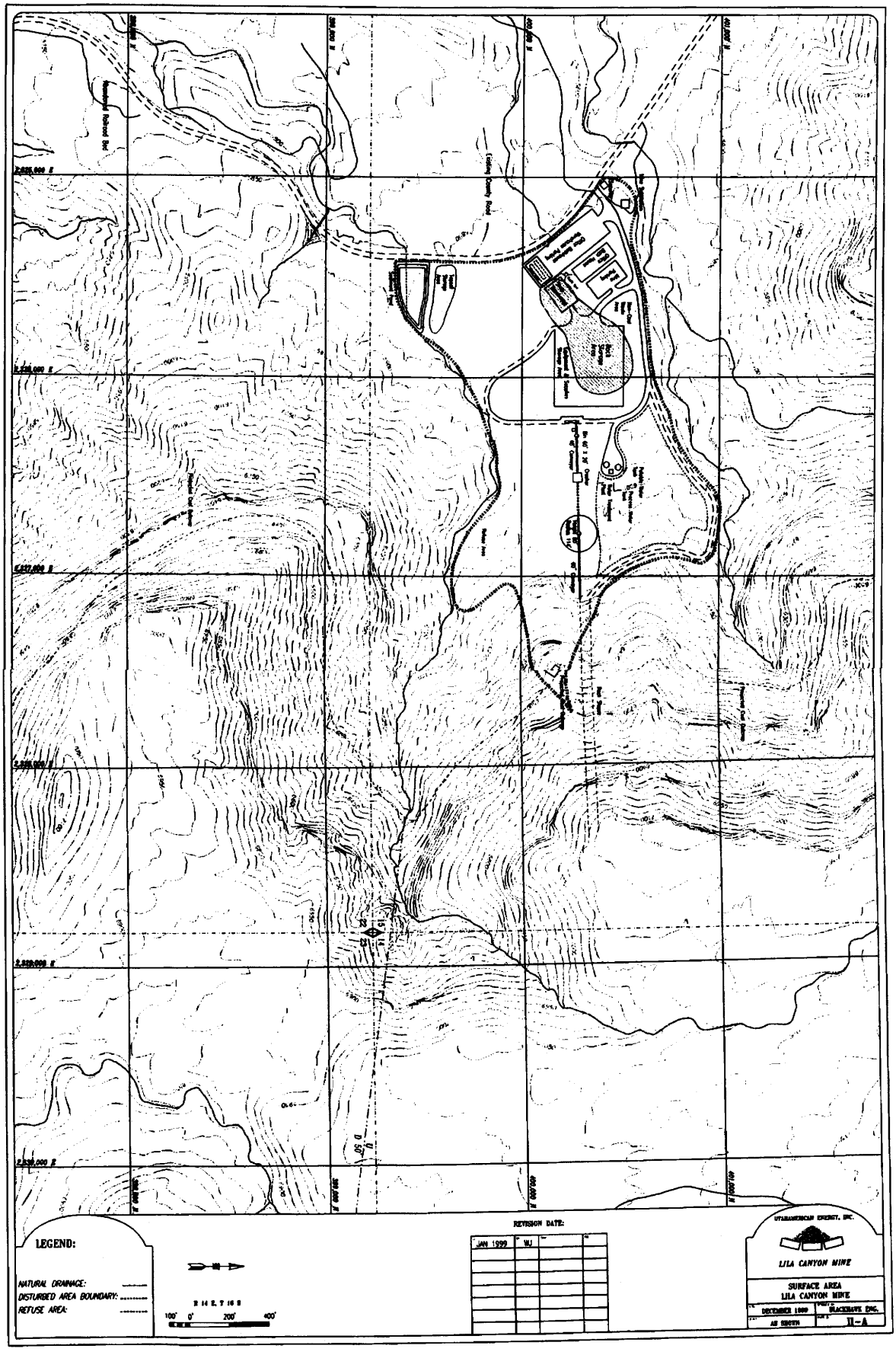
SUMMARY SPREADSHEET

UtahAmerican Energy, Inc.
2007 Lila Canyon Mine Facility Follow-up Survey
Threatened, Endangered, Candidate, and Sensitive Species Inventory

Date	Geographical Area	Inventoried	Township (S.)	Range (E.)	Section	Soil type	Habitat/Community	*Platanthera zothecina*	*Astragalus subcinereus var basalticus*	*Mentzelia multicaulis var librina*	*Athene cunicularia*	*Hedysarum occidentale var. cononne*	*Gilia latifolia var. Imperialis*	*Cryptantha creutzfeldtii*	*Pediocactus despainii*	*Lygodesmia entrada*	*Eriogonum corymbosum var. Smithii*	*Psorothamnus polydenius var jonesii*	*Astragalus pubentissimus var peabodianus*	*Sphaeralcea psoraloides*	*Talinum thompsonii*	*Oreoxis trotteri*	*Euphorbia nephradenia*	*Pediocactus winkleri*	*Sclerocactus wrightiae*	*Coccyzus americanus*	COMMENTS
5/3/07	Emery	Lila Canyon Surface Facilities	16	14	15	sandy loam, moderate rocky to cobbly	PJ, shadscale, sage, winterfat, 4wing, narrow leaf ash, penstemon, skunkbrush, pr.pear, cheatgrass, mouseear	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	
								P	P	P	P	F	P	F	F	P	F	P	F	P	P	P	P	F	F	P	P	
				KEY		HABITAT P- POOR F- FAIR G- GOOD	INDICATION: NI - NONE INDICATED IND. - SPECIES INDICATED																					

PLATE I

Plate 1 - TESC Survey Lila Canyon Surface Facilities 2007



APPENDIX C

Legal Financial, Compliance and Related Information

Annual Report of Officers
As submitted to the Utah Department of Commerce

Other change in ownership and control information
As required under R645-301-110

CONTENTS

NA

APPENDIX D

Mine Maps

As required under R645-302-525-270

CONTENTS

NA

APPENDIX E

Other Information

In accordance with the requirements of R645-301 and R645-302

CONTENTS

NA