



# 2001 Annual Report

## Horse Canyon Mine

**Submitted By:**  
**UtahAmerican Energy, Inc.**  
P.O. Box 986  
Price, Utah 84501

**007/013**

File in:

- Confidential
- Shelf
- Expandable

Refer to Record No. 0019 Date 03/07/2002  
In C10070013, 2002 Incoming  
For additional information

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
Operator Name (If other then permittee)	
Permit Expiration Date	05/06/2006
Permit Number	007/013
Authorized Representative Title	R. Jay Marshall
Phone Number	(435) 637 - 5032 ext 724
Fax Number	(435) 613 - 0805
E-mail Address	Jmarshall@coalsource.com
Mailing Address	P.O. Box 986 Price, Utah 84501
Resident Agent	Jay Marshall
Resident Agent Mailing Address	P.O. Box 986 Price, Utah 84501
Number of Binders Submitted	Two, one to SLC and one to PFO

**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	MSHA ID number	NA
MSHA Impoundment(s)	NA	NA	NA
NPDES/UPDES Permit(s)	UTG-040000	General Permit	4/30/2003
	UTG-040013	Specifice Permit for Horse Canyon	4/30/2003
PSD Permit(s) (Air)	NA	NA	NA
<b>Other</b>			

RECEIVED  
 MAR 14 2002  
 DIV OF OIL GAS & MINING

**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		Included or on file with DOGM		Comments
	Yes	No	Included	On File	
Excess Spoil Piles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Refuse Piles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Quarterly impoundment and annual inspection included in Appendix A
<b>Other</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**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.

Technical Data:	Required		Included or on file with DOGM		Comments
	Yes	No	Included	On file	
Climatological	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Subsidence Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Vegetation Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Raptor Survey	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Soils Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
First quarter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Reported on electronic data base.
Second quarter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Reported on electronic data base.
Third quarter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Reported on electronic data base.
Fourth quarter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Reported on electronic data base.
Geological / Geophysical	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Engineering	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Other Data</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**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. Provide the department of Commerce, annual Report of Officers, or other equivalent information as necessary





**APPENDIX A**

**Certified Reports**

Excess Spoil Piles  
Refuse Piles  
Impoundments

As required under R645-301-514

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of										
Permit Number	ACT/007/013	Report Date	2 April 2001									
Mine Name	Horse Canyon											
Company Name	UtahAmerican Energy, Inc.											
Impoundment Identification	Impoundment Name	Sediment Pond #1 (Lower)										
	Impoundment Number	Pond #1										
	UPDES Permit Number	UTGO 40013-001A										
	MSHA ID Number	42-00100										
<b>IMPOUNDMENT INSPECTION</b>												
Inspection Date	23 March 2001											
Inspected By	J. T. Paluso											
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly											
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>No appearance of instability, structural weakness, or any other hazardous condition was observed at the time of inspection.</p>												
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Sediment Elevations:</p> <table style="margin-left: 100px;"> <tr> <td>60%</td> <td>6173.7'</td> <td></td> </tr> <tr> <td>100%</td> <td>6174.4'</td> <td>Unchanged</td> </tr> <tr> <td>Existing</td> <td>6173.7'</td> <td></td> </tr> </table>			60%	6173.7'		100%	6174.4'	Unchanged	Existing	6173.7'	
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Existing	6173.7'											
	<p>3. Principle and emergency spillway elevations.</p> <table style="margin-left: 100px;"> <tr> <td>Principle</td> <td>6178.6'</td> </tr> <tr> <td>Emergency</td> <td>6180.8'</td> </tr> </table>			Principle	6178.6'	Emergency	6180.8'					
Principle	6178.6'											
Emergency	6180.8'											

**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.

Pond is dry and 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. Phase I bond release has been achieved and Phase II applied for.

**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. Pond was dry with no recent indication of any water being impounded. Reclamation is essentially complete. Once Phase II bond release is achieved, no further inspections will be required.

**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: J.T. Paluro Date: April 2 2002

<b>Permit Number</b>	ACT/007/013	<b>Report Date</b>	2 April 2001
<b>Mine Name</b>	Horse Canyon		
<b>Company Name</b>	UtahAmerican Energy, Inc.		
<b>Impoundment Identification</b>	<b>Impoundment Name</b>	Sediment Pond #2 (Upper)	
	<b>Impoundment Number</b>	Pond #2	
	<b>UPDES Permit Number</b>	UTG0 40013-002A	
	<b>MSHA ID Number</b>	42-00100	

**IMPOUNDMENT INSPECTION**

<b>Inspection Date</b>	23 March 2001		
<b>Inspected By</b>	T. P. Paluso		
<b>Reason for Inspection</b> (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly		

**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.

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 1 of							
Permit Number	ACT/007/013	Report Date	July 16, 2001						
Mine Name	Horse Canyon								
Company Name	UtahAmerican Energy, Inc.								
Impoundment Identification	Impoundment Name	Sediment Pond #1 (Lower)							
	Impoundment Number	Pond #1							
	UPDES Permit Number	UTGO 40013-001A							
	MSHA ID Number	42-00100							
<b>IMPOUNDMENT INSPECTION</b>									
Inspection Date	28 June 2001								
Inspected By	R. Jay Marshall								
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly								
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>No appearance of instability, structural weakness, or any other hazardous condition was observed at the time of inspection.</p>									
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Pond is dry and 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. Phase I bond release has been achieved and Phase II applied for.

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The geometry of the impoundment has not changed. Pond was dry with no recent indication of any water being impounded. Reclamation is essentially complete. Once Phase II bond release is achieved, no further inspections will be required.

**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: \_\_\_\_\_

*16 July 2001*

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 4 of							
Permit Number	ACT/007/013	Report Date	16 July 2001						
Mine Name	Horse Canyon								
Company Name	UtahAmerican Energy, Inc.								
Impoundment Identification	Impoundment Name	Sediment Pond #2 (Upper)							
	Impoundment Number	Pond #2							
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Inspection Date	28 June 2001								
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Signature: \_\_\_\_\_

*R. Jay Marshall*

Date: \_\_\_\_\_

*16 July 2001*

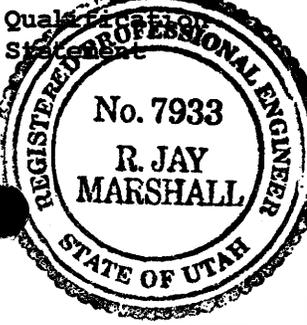
IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of										
Permit Number	ACT/007/013	Report Date	August 8, 2001									
Mine Name	Horse Canyon											
Company Name	UtahAmerican Energy, Inc.											
Impoundment Identification	Impoundment Name	Sediment Pond #1 (Lower)										
	Impoundment Number	Pond #1										
	UPDES Permit Number	UTGO 40013-001A										
	MSHA ID Number	42-00100										
IMPOUNDMENT INSPECTION												
Inspection Date	August 7, 2001											
Inspected By	R. Jay Marshall											
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly											
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>No appearance of instability, structural weakness, or any other hazardous condition was observed at the time of inspection.</p>												
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Signature:

*R. Jay Marshall*

Date:

*8 Aug 01*

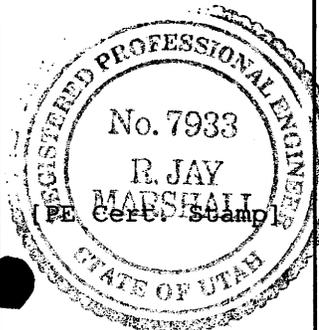
**CERTIFIED REPORT**

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

**COMMENTS AND OTHER INFORMATION**

NONE

**Certification Statement:**



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: Robert Jay Marshall Project Engineer  
 (Full Name and Title)

Signature: R. Jay Marshall Date: 8 Aug 01

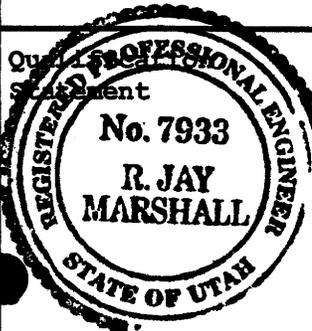
P.E. Number & State: 152606-2202

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Signature: R. Jay Marshall Date: 8/10/01

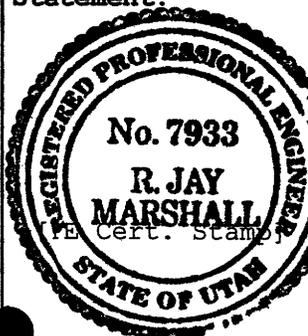
**CERTIFIED REPORT**

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:**



P.E. Cert. Stamp

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By: Robert Jay Marshall Project Engineer  
(Full Name and Title)

Signature: R. Jay Marshall Date: 8/20/01

P.E. Number & State: 152606 - 2202

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of										
Permit Number	ACT/007/013	Report Date	10 October 2001									
Mine Name	Horse Canyon											
Company Name	UtahAmerican Energy, Inc.											
Impoundment Identification	Impoundment Name	Sediment Pond #1 (Lower)										
	Impoundment Number	Pond #1										
	UPDES Permit Number	UTGO 40013-001A										
	MSHA ID Number	42-00100										
IMPOUNDMENT INSPECTION												
Inspection Date	09 October 2001											
Inspected By	R. Jay Marshall											
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly											
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Principle	6178.6'											
Emergency	6180.8'											

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.

Pond is dry and 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. Phase I bond release has been achieved and Phase II applied for.

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. Pond was dry with no recent indication of any water being impounded. Reclamation is essentially complete. Once Phase II bond release is achieved, no further inspections will be required.

**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: 10/11/01

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 4 of							
Permit Number	ACT/007/013	Report Date	10 October 2001						
Mine Name	Horse Canyon								
Company Name	UtahAmerican Energy, Inc.								
Impoundment Identification	Impoundment Name	Sediment Pond #2 (Upper)							
	Impoundment Number	Pond #2							
	UPDES Permit Number	UTGO 40013-002A							
	MSHA ID Number	42-00100							
<b>IMPOUNDMENT INSPECTION</b>									
Inspection Date	09 October 2001								
Inspected By	R. Jay Marshall								
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly								
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>No appearance of instability, structural weakness, or any other hazardous condition was observed at the time of inspection.</p>									
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Sediment Elevations:</p> <table style="margin-left: 100px;"> <tr> <td>60%</td> <td>6233.1'</td> </tr> <tr> <td>100%</td> <td>6233.5'</td> </tr> <tr> <td>Existing</td> <td>6232.7'</td> </tr> </table>			60%	6233.1'	100%	6233.5'	Existing	6232.7'
	60%	6233.1'							
100%	6233.5'								
Existing	6232.7'								
	<p>3. Principle and emergency spillway elevations.</p> <table style="margin-left: 100px;"> <tr> <td>Principle</td> <td>6234.9'</td> </tr> <tr> <td>Emergency</td> <td>6237.8'</td> </tr> </table>			Principle	6234.9'	Emergency	6237.8'		
Principle	6234.9'								
Emergency	6237.8'								

**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.

Pond is dry and 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. Phase I bond release has been achieved and Phase II applied for.

**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. Pond was dry. Reclamation is essentially complete. Once Phase II bond release is achieved, no further inspections will be required.

**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: 10/11/01

**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

**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

**APPENDIX D**

**Mine Maps**

As required under R645-302-525-270

**APPENDIX E**

**Other Information**

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