

0078

Canyon Fuel Company, LLC  
Dugout Canyon Mine  
P.O. Box 1029  
Wellington, Utah 84542



INCOMING  
C0070039

July 20, 2005

Ms. Pamela Grubaugh-Littig  
Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, UT 84114-5801

RE: Revisions to Degassification Amendment – Addition of Laboratory Data for Topsoil at Degas Well G-7. Dugout Canyon Mine, Canyon Fuel Company, LLC, C/007/039, Carbon County, Utah

Dear Ms. Grubaugh-Littig:

Attached please find four copies of the revisions to the Degassification Amendment associated with the addition of lab data to Attachment 2-1.

A copy of this amendment has been delivered to the Price Field Office.

Thank you for your assistance and if you have any questions please call me at (435) 636-2869.

Sincerely yours,

Vicky S. Miller

cc: Dave Spillman  
Pete Hess

RECEIVED

JUL 21 2005

DIVISION OF OIL, GAS AND MINING

## APPLICATION FOR COAL PERMIT PROCESSING

Permit Change  New Permit  Renewal  Exploration  Bond Release  Transfer

**Permittee:** Canyon Fuel Company, LLC

**Mine:** Dugout Canyon Mine

**Permit Number:** C/007/039

**Title:** Revisions to the Degassification Amendment to Add Laboratory Data for Degas Well G-7

**Description,** Include reason for application and timing required to implement:

**Instructions:** If you answer yes to any of the first eight (gray) questions, this application may require Public Notice publication.

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 1. Change in the size of the Permit Area? Acres: _____ Disturbed Area: _____ <input type="checkbox"/> increase <input type="checkbox"/> decrease. |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            | 2. Is the application submitted as a result of a Division Order? DO# _____  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            | 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area?                                     |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            | 4. Does the application include operations in hydrologic basins other than as currently approved?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            | 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            | 6. Does the application require or include public notice publication?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            | 7. Does the application require or include ownership, control, right-of-entry, or compliance information?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            | 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            | 9. Is the application submitted as a result of a Violation? NOV # _____   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            | 10. Is the application submitted as a result of other laws or regulations or policies?<br><i>Explain:</i> _____                                   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            | 11. Does the application affect the surface landowner or change the post mining land use?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            | 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2)                                |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No            | 13. Does the application require or include collection and reporting of any baseline information?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            | 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            | 15. Does the application require or include soil removal, storage or placement?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            | 16. Does the application require or include vegetation monitoring, removal or revegetation activities?  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            | 17. Does the application require or include construction, modification, or removal of surface facilities?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            | 18. Does the application require or include water monitoring, sediment or drainage control measures?  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            | 19. Does the application require or include certified designs, maps or calculation?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            | 20. Does the application require or include subsidence control or monitoring?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            | 21. Have reclamation costs for bonding been provided?   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            | 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream?  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            | 23. Does the application affect permits issued by other agencies or permits issued to other entities?   |

**Please attach four (4) review copies of the application. If the mine is on or adjacent to Forest Service land please submit five (5) copies, thank you.** (These numbers include a copy for the Price Field Office)

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

David Spillman  
Print Name

David Spillman, Engineering Manager  
Sign Name, Position, Date  
7/29/05

Subscribed and sworn to before me this 20 day of July, 2005

Vicky Sue Miller  
Notary Public

My commission Expires: 1-5, 2008 } ss:  
Attest: State of UTAH }  
County of CARBON



<b>For Office Use Only:</b>    	<b>Assigned Tracking Number:</b>  	<b>Received by Oil, Gas &amp; Mining</b>  <div style="text-align: center; font-weight: bold; font-size: 1.2em;">RECEIVED</div> <div style="text-align: center; font-weight: bold; font-size: 1.2em;">JUL 21 2005</div> <div style="text-align: center; font-weight: bold; font-size: 1.2em;">DUGOUT CANYON MINE</div>
---	--	---



Canyon Fuel Company, LLC  
Dugout Canyon Mine

Methane Degassification Amendment  
July 20, ~~March~~ 2005

**ATTACHMENT 2-1**  
**SOIL INVENTORY AND ASSESSMENT**

**add to the back of existing information**

Report ID: 010503123

1673 Terra Avenue  
Sheridan, WY 82801

**Soil Analysis Report**

**Canyon Fuel Co**

Dugout Mine

P.O. Box 1029

Wellington, UT 84542

ENT'D JUL 19 2005

Page 1 of 3

Client Project ID: Dugout Canyon Mine

Date Received: 06/14/05

Set #0105S03123

Report Date: 07/13/05

Lab Id	Sample Id	pH	Saturation	EC	Calcium	Magnesium	Sodium	SAR
		s.u.	%	@ 25°C dS/m	meq/L	meq/L	meq/L	
0105S03123	G7 Topsoil	7.5	58.7	0.34	2.29	0.46	0.22	0.19

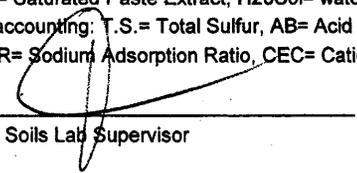
These results only apply to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H2OSol= water soluble, AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate

Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neut. Pot.= Neutralization Potential

Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed By:

  
Joey Sheeley, Soils Lab Supervisor

Report ID: 010503123

1673 Terra Avenue  
Sheridan, WY 82801

**Soil Analysis Report**

**Canyon Fuel Co**

Dugout Mine

P.O. Box 1029

Wellington, UT 84542

Page 2 of 3

Client Project ID: Dugout Canyon Mine

Date Received: 06/14/05

Set #0105S03123

Report Date: 07/13/05

Lab Id	Sample Id	Field Capacity	Wilt Point	Sand %	Silt %	Clay %	Texture
0105S03123	G7 Topsoil	33.0	21.3	21.3	38.7	40.0	CLAY

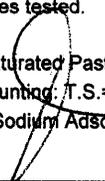
These results only apply to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H2Osol= water soluble, AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate

Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neut. Pot.= Neutralization Potential

Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed By:

  
Joey Sheeley, Soils Lab Supervisor

Report ID: 010503123

1673 Terra Avenue  
Sheridan, WY 82801

Soil Analysis Report

Canyon Fuel Co

Dugout Mine

P.O. Box 1029

Wellington, UT 84542

Page 3 of 3

Client Project ID: Dugout Canyon Mine

Date Received: 06/14/05

Set #0105S03123

Report Date: 07/13/05

Lab Id	Sample Id	TOC %	Total Sulfur %	T.S. AB t/1000t	Neutral. Pot. t/1000t	T.S. ABP t/1000t	Boron ppm	Nitrogen Nitrate ppm	TKN %	Selenium ppm	Available Sodium meq/100g	Exchangeable Sodium meq/100g
0105S03123	G7 Topsoil	1.7	0.01	0.31	84.8	84.5	0.20	<0.02	0.18	<0.02	0.17	0.16

These results only apply to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H2Osol= water soluble, AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate

Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neut. Pot.= Neutralization Potential

Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed By:

\_\_\_\_\_  
Joey Sheeley, Soils Lab Supervisor