

0066



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

October 28, 2004

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

*J. L. Miller*  
C/007/039

**RE:** Addition of Information to Attachments 2-1 of the Methane Degassification  
Amendment, Canyon Fuel Company, LLC, Dugout Mine, C/007/039

Dear Ms. Grubaugh-Littig:

Enclosed please find four copies of information pertaining to topsoil pile analysis at the methane degassification wells sites at the Dugout Canyon Mine.

An additional copy of the submittal has been delivered to the Price Field Office.

Please contact Vicky Miller at (435) 636-2869, if there are any questions concerning this submittal.

Sincerely yours,

A handwritten signature in cursive script, appearing to read 'Vicky S. Miller'.

Vicky S. Miller

Cc:

Dave Spillman (enclosures)  
Pete Hess (enclosures)

RECEIVED

OCT 28 2004

DIV. OF OIL, GAS & 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:** Addition of Information to Attachments 2-1 of the Methane Degassification Amendment

**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.

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

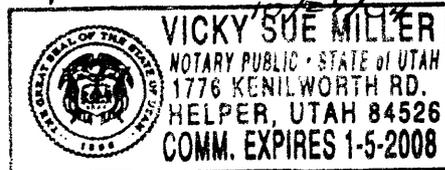
David Spillman, Engineering Manager  
Sign Name, Position, Date

Subscribed and sworn to before me this 27 day of October, 2004

Vicky Sue Miller  
Notary Public

My commission Expires: \_\_\_\_\_, 2006

Attest: State of UTAH } ss:  
County of CARBON



<p><b>For Office Use Only:</b></p>	<p>Assigned Tracking Number:</p>	<p>Received by Oil Gas &amp; Mining <b>RECEIVED</b> <b>OCT 28 2004</b> DIV. OF OIL, GAS &amp; MINING</p>
------------------------------------	----------------------------------	--



Canyon Fuel Company, LLC  
Dugout Canyon Mine

Methane Degassification Amendment

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

**Add to the back of existing information**

Report ID: 010414007

1673 Terra Avenue  
Sheridan, WY 82801

**Soil Analysis Report**  
**Canyon Fuel Co**  
Dugout Mine  
P.O. Box 1029  
Wellington, UT 84542

OCT 25 2004

Page 1 of 2

Client Project ID: Topsoil  
Date Received: 08/18/04

Set #0104S14007  
Report Date: 10/19/04

Lab Id	Sample Id	pH s.u.	EC	Calcium meq/L	Magnesium meq/L	Sodium meq/L	SAR	Sand %	Silt %	Clay %	Texture
			@ 25°C dS/m								
04S14007	G5 #1	7.7	0.43	3.08	0.73	0.89	0.65	24.0	45.0	31.0	CLAY LOAM
04S14008	G5 #2	7.6	0.39	2.62	0.71	0.84	0.65	22.0	44.0	34.0	CLAY LOAM
04S14009	G6 #1	7.3	0.76	3.34	1.44	2.12	1.37	30.0	42.0	28.0	CLAY LOAM
04S14010	G6 #2	7.5	0.44	2.73	0.88	1.07	0.80	32.0	38.0	30.0	CLAY LOAM

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: 010414190

1673 Terra Avenue  
Sheridan, WY 82801

**Soil Analysis Report**

**Canyon Fuel Co**

Dugout Mine

P.O. Box 1029

Wellington, UT 84542

Page 2 of 2

Client Project ID: Topsoil

Date Received: 09/07/04

Set #0104S14190

Report Date: 10/19/04

Lab Id	Sample Id	TOC %	Field Capacity %	Wilting Point %	Phosphorus ppm	Nitrogen Nitrate ppm
04S14190	Degas Well G-4	5.9	34.0	20.0	41.2	2.08

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

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

Reviewed By:

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