

0066

INCOMING  
C0076039



Canyon Fuel Company, LLC  
Soldier/Dugout Canyon Mines  
P.O. Box 1029  
Wellington, Utah 84542

October 16, 2003

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

RE: Addition of Culverts and Sediment Control Structures, Dugout Canyon Mine, Canyon Fuel Company, LLC, C/007/039, Carbon County, Utah

Dear Ms. Grubaugh-Littig:

Attached please find four copies of revisions addressing the addition of three culverts and two sediment control structures to the Dugout Canyon Mine drainage plan. Text within Chapter 7 of the M&RP has been modified. The text modification was discussed with Gregg Galecki and Pete Hess. A copy of this submittal 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

OCT 16 2003

DIV OF OIL & GAS

# 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 Culverts and Sediment Control Structures to Dugout Canyon Mine Drainage Plan

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

Addition of construction drawings

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

- |  |   |
|--|---|
| <input 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 checked="" 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 type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No            | 17. Does the application require or include construction, modification, or removal of surface facilities?   |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No            | 18. Does the application require or include water monitoring, sediment or drainage control measures?  |
| <input checked="" type="checkbox"/> Yes <input 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 G. Spillman  
Print Name

David G. Spillman, Engineering Manager  
Sign Name, Position/Date

Subscribed and sworn to before me this 15 day of October, 2003

Dionne M. Oman  
Notary Public

My commission Expires: 12-15, 2006

Attest: State of Utah } ss:  
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-size: 1.2em; font-weight: bold;">OCT 16 2003</div> <div style="text-align: center; font-size: 0.8em;">DIV. OF OIL, GAS &amp; MINING</div>
---	--	--



DC-7A (see Addendum A to Appendix 7-9). Sediment generated from this ASCA will be controlled by installing silt fences or straw-bale dikes in the ditch immediately upstream from the inlet to culvert DC-7A. These sediment-control devices will be installed in accordance with Figure 5-4. Sediment which accumulates behind these devices will be periodically removed and either spread on the adjacent road or disposed of with waste-rock generated from the mine.

Sediment-control measures will be implemented during the relocation of the west fork of Dugout Creek. These measures will include installation of three straw-bale dikes and/or reinforced silt fences in appropriate locations within the creek channel below the relocation site to minimize potential contributions of sediment to Dugout Creek. The straw-bale dikes/silt fences will remain in-place until channel relocation and pad construction is completed.

**Sedimentation Ponds.** A single sedimentation pond has been designed for the Dugout Canyon Mine facilities. The sedimentation pond will be located in the southwest corner of the disturbed area. This pond will function individually.

The sedimentation pond will be located as near as possible to the disturbed areas as indicated on Plates 7-4 and 7-5. The pond will not be located within a perennial stream channel.

#### Design, Construction, and Maintenance

Sediment Storage Volume. The sedimentation pond has been designed to control sediment from disturbed and undisturbed areas. The disturbed area contributing runoff to the sedimentation pond contains 16.9 acres from watersheds DWS-1 through DWS-7 (portions of which will be undisturbed or contemporaneously reclaimed - see Appendix 7-9). The undisturbed area contributing runoff to the sedimentation pond contains 33.7 acres from watersheds WS-1, -3, -5, -6, -7, -8, -9a, and -11. Refer to Plates 7-7 and 7-8 for a delineation of watershed boundaries.

The sedimentation pond was designed to fully contain the sediment generated by disturbed and undisturbed areas. Based on calculations presented in Appendix 7-8, the sedimentation pond has been designed with a sediment storage capacity of 0.40 acre-foot. The elevation of the maximum sediment level will be 6954.4 feet. The 60% sediment clean-out volume of 0.24 acre-foot will have an elevation of 6951.7 feet.

by installing silt fences or straw-bale dikes in the ditch immediately upstream from the inlet to culvert DC-7A. These sediment-control devices will be installed in accordance with Figure 5-4. Sediment which accumulates behind these devices will be periodically removed and either spread on the adjacent road or disposed of with waste-rock generated from the mine.

Sediment-control measures will be implemented during the relocation of the west fork of Dugout Creek. These measures will include installation of three straw-bale dikes and/or reinforced silt fences in appropriate locations within the creek channel below the relocation site to minimize potential contributions of sediment to Dugout Creek. The straw-bale dikes/silt fences will remain in-place until channel relocation and pad construction is completed.

**Sedimentation Ponds.** A single sedimentation pond has been designed for the Dugout Canyon Mine facilities. The sedimentation pond will be located in the southwest corner of the disturbed area. This pond will function individually.

The sedimentation pond will be located as near as possible to the disturbed areas as indicated on Plates 7-4 and 7-5. The pond will not be located within a perennial stream channel.

#### Design, Construction, and Maintenance

Sediment Storage Volume. The sedimentation pond has been designed to control sediment from disturbed and undisturbed areas. The disturbed area contributing runoff to the sedimentation pond contains 16.9 acres from watersheds DWS-1 through DWS-7 (portions of which will be undisturbed or contemporaneously reclaimed - see Appendix 7-9). The undisturbed area contributing runoff to the sedimentation pond contains 33.7 acres from watersheds WS-1, -3, -5, -6, -7, -8, -9a, and -11. Refer to Plates 7-7 and 7-8 for a delineation of watershed boundaries.

The sedimentation pond was designed to fully contain the sediment generated by disturbed and undisturbed areas. Based on calculations presented in Appendix 7-8, the sedimentation pond has been designed with a sediment storage capacity of 0.40 acre-foot. The elevation of the maximum sediment level will be 6954.4 feet. The 60% sediment clean-out volume of 0.24 acre-foot will have an elevation of 6951.7 feet.