

**From:** "Semborski, Chuck" <Charles.Semborski@PacifiCorp.com>  
**To:** "Pam Grubaugh-Littig" <pamgrubaughlittig@utah.gov>, "Wayne Hedberg" <waynehedberg@utah.gov>  
**Date:** 8/23/2005 3:23:26 PM  
**Subject:** Rilda Canyon Fan Portal Amendment

Pam & Wayne;

Attached is an electronic version of the North Rilda Canyon Portal Facilities amendment including:

Cover Letter:  
<<CoverLetterAug2005.pdf>>  
C1 and C2 Forms (notarized copies faxed @ 3:30 PM)  
<<C2\_August 23, 2005.doc>> <<C1\_August23 2005.doc>>  
Replacement Pages:  
R645-301-200 Soils Section - Pages 18 & 19  
<<SOILSAugust2005 Redline Pages 18-19.pdf>>

Originals sent by mail.

Thanks

Chuck Semborski  
Manager of Geology/Permitting  
Energy West Mining Company  
P.O. Box 310  
Huntington, Utah 84528  
Phone:  
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August 22, 2005

Utah Coal Program  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Subject: **Amendment to Deer Creek Mine Permit Volume 11, PacifiCorp, Deer Creek Mine, C/015/018, Emery County, Utah**

PacifiCorp, by and through its wholly-owned subsidiary, Energy West Mining Company ("Energy West") as mine operator, hereby submits an amendment to Volume 11 of the Deer Creek Mine permit. Volume 11 Rilda Canyon Portal Facilities was approved by the Division on July 27, 2005. Pursuant to our telephone conference call on August 22, 2005<sup>(1)</sup>, in which the governmental agencies involved in the Rilda Canyon permitting process discussed alternatives to alleviate ventilation concerns at the Deer Creek Mine, the Bureau of Land Management (BLM) recommended that Energy West submit an R<sub>2</sub>P<sub>2</sub> request to allow the continuation of the Rilda Canyon fan portal rock slope development to intercept the outcrop in Rilda Canyon. Approving the development of a portal from within the mine to the surface is consistent with the stipulations outlined in the Federal Lease U-06039 (Special Stipulation #14). In an email received by the BLM, the Manti LaSal Forest Supervisor agreed to allow Energy West to develop the fan portal breakout as long as no equipment is used on the surface and the public is protected from potential harm, no permanent structures will be constructed until Energy West receives approval from the Assistant Secretary of Land and Minerals at the Department of Interior. During the phone conference, OSM personnel indicated the proposed action is not considered mine plan modification. Thereby, Energy West requests amending Volume 11 to include the development of the fan portal from inside the mine. The requested action will only be for the area affected by the portal development, approximately 30x40 feet (0.028 acres). As outlined in the BLM R<sub>2</sub>P<sub>2</sub> request, Energy West will follow the outlined steps:

<sup>(1)</sup> Phone conference participants:

OSM - Pete Rutledge, Ron Singh  
DOGM - Pam Grubaugh-Littig, Wayne Hedberg, Susan White, Mark Mesch  
USFS - Barry Burkhardt  
BLM - Jim Kohler, Jeff McKenzie, Stan Perks  
InterWest - Carl Pollastro, Scott Child  
Energy West - Chuck Sembroski

Deer Creek Mine Amendment: Part 1  
August 22, 2005  
Page Two

- 1) All rock slope development will be from within the mine to the outcrop of the Star Point Sandstone.
- 2) Colluvial material encountered at the outcrop interface will be stored within the mine.
- 3) During the final breakout process, mine personnel will be stationed at the outcrop to warn/prevent unwarranted access and to monitor the area for any unsafe condition(s).
- 4) If any rocks are dislodged as a result of the portal development which impact public safety, Energy West will immediately rectify the situation.
- 5) Warning signs will be installed along Emery County Road #306 warn the public of the portal development process.
- 6) A temporary fence will be erected around the breakout area to prevent unwarranted access.
- 7) Silt fence will be erected downslope of the portal breakout to prevent additional contribution of suspended solids to the receiving stream.
- 8) Warning signs will be installed along the exterior of the fence, including: NO SMOKING, NO AUTHORIZED PERSONNEL BEYOND THIS POINT, DANGER.
- 9) No equipment will be used on the surface except for hand tools to remove material to prevent unsafe conditions.
- 10) All slopes, ribs or faces of the opening or unstable areas in the surrounding area will be scaled and secured before completion.
- 11) The exiting brow of the mine opening will be secured and the exit of the mine opening will be posted off with timber and fencing upon completion of the mine development.
- 12) No permanent structures will be constructed until Energy West receives approval from the Assistant Secretary of Land and Minerals at the Department of Interior.

As outlined in the approved plan (Volume 11), Energy West has documented all pertinent aspects related to development of the North Rilda Canyon Portal Facilities. The following outlines the proposed action:

Soils: The proposed action, development of the fan portal from within the mine, is consistent with the engineering plans outlined in the permit. Exception to the plan is soil stripping prior to development of the portals. As discussed earlier, development of the fan portal from within the mine will involve an area approximately 30 x 40 feet, or 0.028 acres. During development of the fan portal, all material extracted will be stored within the mine. The exact location of the Star Point Sandstone and colluvial interface is unknown, thereby estimating the subsoil quantity is not possible. Energy West will take all precautions necessary to minimize disruption to the surface topography. The amount of topsoil stored

within the mine, assuming a two foot salvage depth, would be approximately 89 yd<sup>3</sup>. Depending on the conditions of the rock interface, if Energy West is unable to segregate the soil, final reclamation of this area will not be compromised.

Energy West commits to removing the extracted soil material temporarily stored in the mine and placing it in the approved soil storage area as outlined in Soils Section upon approval from the Assistant Secretary of Land and Minerals at the Department of Interior.

- Biology:** As outlined above, Energy West will completely fence the area to prevent interference with wildlife resources.
- Land Use:** Development of the fan portal is consistent with the plans outlined in Volume 11.
- Engineering:** The proposed action, development of the fan portal from within the mine, is consistent with the engineering plans outlined in the permit. One decline slope will be constructed from the underground workings of the 1<sup>st</sup> Right Submains, (approximate start location of # 43 crosscut in # 3 entry) to access the surface at Rilda Canyon for the installation of a mine fan. The slope will be developed at approximately 15 percent down dip from the Hiawatha coal seam. The approximate starting elevation is 7,740 feet and the ending elevation is approximately 7,705 feet. The slope will be driven approximately ten (10) feet in height and twenty (20) feet in width. The approximate length of the slope will be 363 feet. All spoil material excavated during development of the slope will be stored within the mine.
- Hydrology:** Development of the fan portal will create a small depression at the surface approximately 30 x 40 feet. Energy West will install a temporary silt fence along the toe of the slope of the portal breakout to prevent additional contribution of suspended solids to the receiving stream. No other routing of surface or groundwater will occur until Energy West receives approval from the Assistant Secretary of Land and Minerals at the Department of Interior.
- Bonding:** PacifiCorp has secured a bond for the entire proposed facility, which includes development of the fan portal.

Seven (7) redline copies Soils Section pages 18-19 are included with this submittal along with the required C1/C2 forms. If you have any questions or concerns regarding this document, please contact myself at (435) 687-4720 or Dennis Oakley at (435) 687-4825.

Sincerely,

**Charles A. Semborski**

Charles A. Semborski  
Manager Geology/Permitting

Enclosure: C1/C2 Forms

Cc: Doug Johnson (EWMC, w/o encl.)  
File

J:\Environment\PERMITS\DeerCreekMine\Rilda Canyon Portal Project\DOGM Permit Package\CoverLetterAug2005.wpd

**DEER CREEK MINE  
C/015/018**

**VOLUME 11  
NORTH RILDA PORTAL FACILITIES**

**R645-301-200 SOILS**

**PAGE 18 & 19**

**SEVEN REDLINE  
COPIES INCLUDED**

## APPLICATION FOR COAL PERMIT PROCESSING

Permit Change  New Permit  Renewal  Exploration  Bond Release  Transfer

**Permittee:** PacifiCorp

**Mine:** Deer Creek Mine

**Permit Number:** C/015/018

**Title:** Amendment to Volume 11 Rilda Canyon Portal Facilities, PacifiCorp, Deer Creek Mine, C/015/018, Emery County, Utah

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

Revised text in response to BLM R2P2 Request

**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.

Charles A. Semborski \_\_\_\_\_

Print Name

\_\_\_\_\_  
 Geology/Permitting Supervisor

Sign Name, Position, Date

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

\_\_\_\_\_  
 Notary Public

My commission Expires: \_\_\_\_\_, 20 \_\_\_\_\_ }

Attest: State of \_\_\_\_\_ } ss:

County of \_\_\_\_\_

<b>For Office Use Only:</b>	<b>Assigned Tracking Number:</b>	<b>Received by Oil, Gas &amp; Mining</b>
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Form DOGM- C1 (Revised March 12, 2002)



<b>Any other specific or special instruction required for insertion of this proposal into the Mining and Reclamation Plan.</b>	<b>Received by Oil, Gas &amp; Mining</b>
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Form DOGM - C2 (Revised March 12, 2002)

**North Rilda**  
**Rilda Canyon Portal Facilities**

**Soils**

**PacifiCorp**

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**R645-301-232.500 Sub soil Segregation**

After removing and storing the topsoil, the underlying strata of soil will be removed, segregated, and stockpiled separately. There is an estimated 97,300 cubic yards of subsoil that will be utilized for reclamation (refer to Engineering chapter, R645-301-553: Backfilling and Grading for cut/fill construction estimates). Subsoil storage is located approximately 0.5 miles below the portal facilities in Rominger Canyon. Refer to Maps 200-1, 200-2, Engineering Section 500-3, 500-4 sheets 3 of 5 and 4 of 5, to review the soil storage locations. Approximately 3.0 acres will be disturbed for subsoil storage including access to the site. A portion (approximately 1.4 acres) of this location was previously disturbed by historic coal mining activities and reclaimed by AML during reclamation of the Rominger and Leroy mines in 1988. Portals were not backfilled during the AML project. Concrete block stoppings were installed to prevent access to the mines. As discussed above, brush and boulders will be cleared from the site before storing soil. Boulders larger than 1.0 foot in diameter will be segregated and stockpiled and utilized for reclamation. A colorful marker fabric will be installed over the entire site to identify the predisturbed surface.

**R645-301-232.600 Timing**

To alleviate ventilation concerns at the Deer Creek Mine, the Bureau of Land Management (BLM) during a telephone conference on August 23, 2005, recommended that Energy West submit an R<sub>2</sub>P<sub>2</sub> request to allow the continuation of the Rilda Canyon fan portal rock slope development to intercept the outcrop in Rilda Canyon. Approving the development of a portal from within the mine to the surface is consistent with the stipulations outlined in the Federal Lease U-06039 (Special Stipulation #14). In an email received by the BLM, the Manti LaSal Forest Supervisor agreed to allow Energy West to develop the fan portal breakout as long as no equipment is used on the surface and the public is protected from potential harm, no permanent structures will be constructed until Energy West receives approval from the Assistant Secretary of Land and Minerals at the Department of Interior. During the phone conference, OSM personnel indicated the proposed action is not considered mine plan modification.

The area affected by the portal development, approximately 30x40 feet (0.028 acres). As outlined in the BLM R<sub>2</sub>P<sub>2</sub> request, Energy West will follow the outlined steps:

- 1) All rock slope development will be from within the mine to the outcrop of the Star Point Sandstone.
- 2) Colluvial material encountered at the outcrop interface will be stored within the mine.

**North Rilda**  
**Rilda Canyon Portal Facilities**

**Soils**

**PacifiCorp**

- 3) During the final breakout process, mine personnel will be stationed at the outcrop to warn/prevent unwarranted access and to monitor the area for any unsafe condition(s).
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- 13.

Development of the fan portal from within the mine is consistent with the engineering plans outlined in the permit. Exception to the plan is soil stripping prior to development of the portals. As discussed earlier, development of the fan portal from within the mine will involve an area approximately 30 x 40 feet, or 0.028 acres. During development of the fan portal, all material extracted will be stored within the mine. The exact location of the Star Point Sandstone and colluvial interface is unknown, thereby estimating the subsoil quantity is not possible. Energy West will take all precautions necessary to minimize disruption to the surface topography. The amount of topsoil stored within the mine, assuming a two foot salvage depth, would be approximately 89 yd<sup>3</sup>. Depending on the conditions of the rock interface, if Energy West is unable to segregate the soil, final reclamation of this area will not be compromised. Energy West commits to removing the extracted soil material temporarily stored in the mine and placing it in the approved soil storage area as outlined in Soils Section upon approval from the Assistant Secretary of Land and Minerals at the Department of Interior.