

PERMIT TRACKING FORM

- Permit Amendment
 Exploration Permit
 NOV Abatement
 Division Order
 Permit Transfer
 Incidental Boundary Change
 Permit Midterm
 Permit Renewal
 New Permit
 Significant Revision
 Bond Release

Permit Number	ACT/015/019	Title of Proposal:	Page 4-1 Revision
Permit Change Number	98B	Description:	
Permittee	PacifiCorp		
Mine Name	Cottonwood/ Wilberg	# of Copies Required:	7
		# of Copies Received:	7

<input type="checkbox"/> Permit Change Application Sent to SLC:	Transmittal Letter to Permittee:	
<input type="checkbox"/> Notice of Affidavit of Publication. (If change is a Significant Revision, New Permit, or Permit Transfer.)	Dates Published:	Date Received at DOGM:

REVIEW TRACKING

ROUND 1				ROUND 2			
DATE RECEIVED: 8/11/98				DATE RECEIVED:			
	Reviewer:	Date Due:	Date Done:		Reviewer:	Date Due:	Date Done:
<input type="checkbox"/> Project Lead				<input type="checkbox"/> Project Lead			
<input type="checkbox"/> Administrative				<input type="checkbox"/> Administrative			
<input type="checkbox"/> Land Use/ AQ				<input type="checkbox"/> Land Use/ AQ			
<input type="checkbox"/> Biology				<input type="checkbox"/> Biology			
<input type="checkbox"/> Engineering				<input type="checkbox"/> Engineering			
<input type="checkbox"/> Geology				<input type="checkbox"/> Geology			
<input type="checkbox"/> Soils				<input type="checkbox"/> Soils			
<input type="checkbox"/> Hydrology				<input type="checkbox"/> Hydrology			

ROUND 1	TA Review Due:	Date Compiled:	Permittee Response Due:	Date Received:
ROUND 2	TA Review Due:	Date Compiled:	Permittee Response Due:	Date Received:

Coordinated Reviews:	Round 1		Round 2		Comments Received: Y/N	Additional Tracking	Date:
	Sent	Due	Sent	Due			
<input type="checkbox"/> OSM						Public Hearing	
<input type="checkbox"/> BLM						Letter from Compliance Super.	
<input type="checkbox"/> US Forest Service						AVS Completed	
<input type="checkbox"/> Wildlife Resources						Approval Effective Date	8/25
<input type="checkbox"/> Water Rights						Approved Copy to File	
<input type="checkbox"/> DEQ						Approved Copy to Permittee	8/25
<input type="checkbox"/> SITLA						Approved Copy to PFO/ SLO	8/25
						Approved Copy to Agencies	8/25
						CHIA Modified	
						Update Master TA	

COMMENTS:

RECLAMATION PLAN

Structure Removal

Once mining has ceased, estimated 2022, the surface facilities will be dismantled and removed from the permit area.

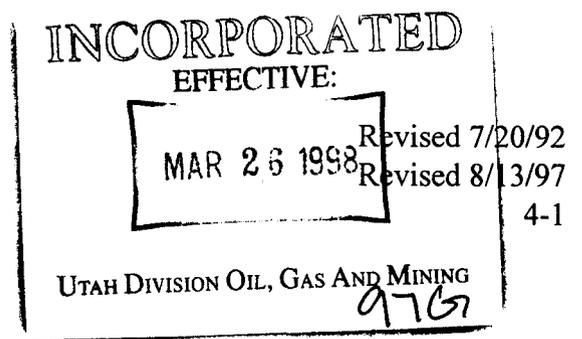
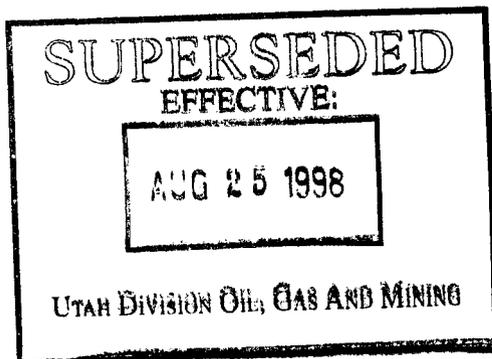
Starting at the mine portals, all belt lines, crushing and screening systems, electrical systems, truck laded surface building and fan installations will be torn down and hauled from the permit area.

The concrete silo will be torn down, broken up and buried against the east highway cut in the lower parking lot. All other concrete foundations that would be above final grade will be removed and buried with the silo material.

Portal Sealing

Final stages of mining (second mining), as pillars are extracted near the portal entrances inside, office and warehouse facilities will be dismantled and portal sealing will begin. Wilberg's portal entries are all updip of the extracted seam and require no drains or special hydrological containment seals. except the Cottonwood fan portal drainage (see Protection of the Hydrological Balance section). Seals are proposed as shown on Figure 1.

Because of their remote and inaccessible location from the surface, the following portals and breakouts will have to be completed from inside the mine: Channel Canyon , 7th West "Miller Canyon", Cottonwood mine belt portal. The Channel Canyon escape ladder will remain to allow mine personnel access to portals for monitoring purposes but will be removed during final reclamation. Also during final reclamation, portals were sealed approximately 25 feet inby the outcrop and the additional seals for final reclamation was completed August 1, 1997. The Cottonwood Mine belt portal will be sealed sometime in the future. Final reclamation involved installing





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

Michael O. Leavitt
Governor
Lowell P. Braxton
Division Director

August 25, 1998

Chuck Semborski, Environmental Supervisor
Energy West
P.O. Box 310
Huntington, Utah 84528

Re: Amendment to Page 4-1 of the Cottonwood MRP, PacifiCorp, Cottonwood/Wilberg Mine, ACT/015/019-98B, Folder #3, Emery County, Utah

Dear Mr. Semborski:

The Division has completed the review of your August 3, 1998 submittal which clarifies the text for the Cottonwood Fan Portal and Channel Canyon amendments. A stamped approved incorporated copy is provided for inclusion in your MRP.

If you have any questions please call.

Sincerely,

Joseph C. Helfrich
Permit Supervisor

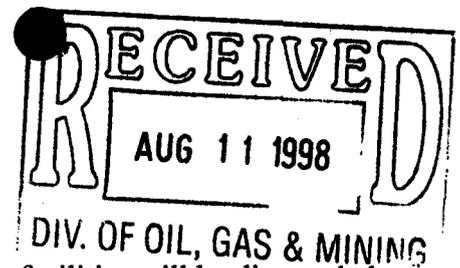
tam

Enclosure: approved amendment

cc: Ranvir Singh, OSM
Richard Manus, BLM
Janette Kaiser, USFS, 2 copies
Mark Page, Water Rights, w/o
Dave Ariotti, DEQ, w/o
Bill Bates, DWR, w/o
Price Field Office

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Redline / Strikeout COPY



RECLAMATION PLAN

Structure Removal

Once mining has ceased, estimated 2022, the surface facilities will be dismantled and removed from the permit area.

Starting at the mine portals, all belt lines, crushing and screening systems, electrical systems, truck laded surface building and fan installations will be torn down and hauled from the permit area.

The concrete silo will be torn down, broken up and buried against the east highway cut in the lower parking lot. All other concrete foundations that would be above final grade will be removed and buried with the silo material.

Portal Sealing

Final stages of mining (second mining), as pillars are extracted near the portal entrances inside, office and warehouse facilities will be dismantled and portal sealing will begin. Wilberg's portal entries are all updip of the extracted seam and require no drains or special hydrological containment seals. ~~except the Cottonwood fan portal drainage~~ (see Protection of the Hydrological Balance section). Seals are proposed as shown on Figure 1.

Because of their remote and inaccessible location from the surface, the following portals and breakouts will have to be completed from inside the mine: Channel Canyon, 7th West "Miller Canyon", ~~Cottonwood mine belt portal~~. ~~Cottonwood Canyon diesel and tube conveyor portals. The Channel Canyon escape later will remain to allow mine personnel access to portals for monitoring purposes but will be removed during final reclamation. Also during final reclamation, portals were sealed approximately 25 feet in by the outcrop and the additional seals for final reclamation was completed August 1, 1997. portals were reclaimed in August of 1997 and Phase III Bond Release for the area was approved by the Division on March 26, 1998. The Miller Canyon portals were sealed from inside the mine in 1987 and will be reclaimed sometime in the near future. The Cottonwood Mine belt portal Canyon diesel and tube conveyor portals are presently utilized and will also be sealed sometime in the future. Final reclamation involved installing~~

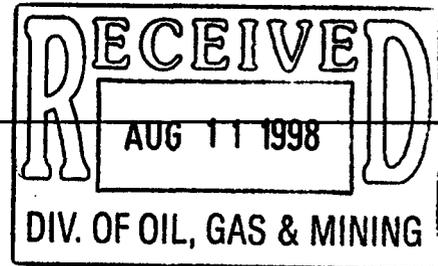
Revised 7/16/98

~~additional seals will be installed to conform with the near vertical slope at the outcrop.~~

~~Revised 7/20/92~~

~~Revised 8/13/97~~

~~4-1-1~~



August 3, 1998

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

Attn: Pam Grubaugh-Littig, Permit Supervisor

Re: Amendment to Page 4-1 of the Cottonwood MRP, PacifiCorp, ACT/015/019, 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 clear up confusing text regarding the Channel Canyon amendment (approved March 26, 1998) and Cottonwood Fan Portal amendment (approved May 18, 1998).

In June of 1997, the Cottonwood Fan Portal amendment was submitted to the Division. This amendment sought to remove any references pertaining to the Cottonwood Fan Portal construction and replace the text "Cottonwood fan portal" with "proposed Cottonwood fan portal" which is located throughout the MRP. In August of 1997, the Channel Canyon amendment was submitted to the Division to remove and/or change text regarding reclamation of the Channel Canyon portals.

Both submittals included pages 4-1 and 4-1.1 of the Cottonwood MRP in order to remove or replace text that pertained to each amendment. Unfortunately, the two amendments were completed at different time intervals and the last submittal did not include the previous amendment.

Attached is 7 copies of the redlined page 4-1 of the Cottonwood MRP which incorporates changes pertaining to both of the past amendments. Page 4-1.1 will be removed from the MRP. Also attached is the C1/C2 forms and 7 *clean* copies of the same page. If this amendment is approved, please stamp the clean copies and promptly return them.

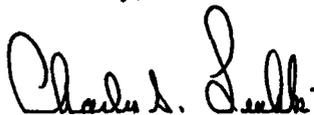
Huntington Office:
(435) 687-9821
Fax (435) 687-2695
Purchasing Fax (435) 687-9092

Deer Creek Mine:
(435) 687-2317
Fax (435) 687-2285

Trail Mountain Mine:
(435) 748-2140
Fax (435) 748-5125

If you have any concerns pertaining to this amendment, please feel free to contact Dennis Oakley at (435)687-4825.

Sincerely,



Chuck Semborski
Permitting Supervisor

cc: Carl Pollastro
Blake Webster
Bill Malencik

APPLICATION FOR PERMIT PROCESSING

Permit Change <input checked="" type="checkbox"/>	New Permit <input type="checkbox"/>	Renewal <input type="checkbox"/>	Transfer <input type="checkbox"/>	Exploration <input type="checkbox"/>	Bond Release <input type="checkbox"/>	Permit Number: ACT/015/019
Title of Proposal: Amendment to Page 4-1 of the Cottonwood MRP						Mine: COTTONWOOD/ WILBERG
						Permittee: PACIFICORP

Description, include reason for application and timing required to implement: text changes

Instructions: If you answer yes to any of the first 8 questions (gray), submit the application to the Salt Lake Office. Otherwise, you may submit it to your reclamation specialist.

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	1. Change in the size of the Permit Area? _____ acres Disturbed Area? _____ acres <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 application include operations outside a previously identified Cumulative Hydrologic Impact Area?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	4. Does application include operations in hydrologic basins other than as currently approved?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	5. Does 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? Explain: _____
<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 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 calculations?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	20. Does the application require or include subsidence control or monitoring?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	21. Have reclamation costs for bonding been provided for?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	22. Does 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?

Attach 7 complete copies of the application.

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. (R645-301-123)

Charles A. Semborski Signed - Name - Position - Date
Charles A. Semborski - Geology/Permitting Supervisor 8/3/98

Subscribed and sworn to before me this 3rd day of August, 19 98.

Lori Ann Anderson
Notary Public
My Commission Expires: December 22, 2001
STATE OF Utah
COUNTY OF Emery

NOTARY PUBLIC
Lori Ann Anderson
15 North Main
Huntington, Utah 84528
My Commission Expires
December 22, 2001
STATE OF UTAH

Received by Oil, Gas & Mining

RECEIVED

AUG 11 1998

DIV. OF OIL, GAS & MINING
ASSIGNED TRACKING NUMBER