



Interwest Mining Company  
Huntington Office  
P. O. Box 310  
15 North Main Street  
Huntington, UT 84528

February 11, 2016

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

Submitted Electronically

**Subj: SUBMITTAL #1 - Amendment to Adjust the Cottonwood/Wilberg Mine Permit Area Boundary, PacifiCorp, Cottonwood/Wilberg Mine, C/015/0019, Emery County, Utah.**

PacifiCorp, by and through its wholly-owned subsidiary, Interwest Mining Company, as mine manager, hereby submits SUBMITTAL #1 of three amendments to amend the permit areas of the Cottonwood/Wilberg (SUBMITTAL #1) and Deer Creek (SUBMITTAL #2) mines. The first two amendments include revising Appendix C and Appendix G in the Legal and Financial Volume, as well as maps of the respective MRPs for both Cottonwood/Wilberg and Deer Creek mines. The third amendment (SUBMITTAL #3) includes revising the text section in the Legal and Financial Volume.

PacifiCorp proposes amending the permit boundary by adjusting the western boundary of the Cottonwood/Wilberg Mine in the fee area of T17S, R6E of Section 25 from the center line of the Cottonwood Canyon Creek to the center line of the Emery County Road #506. This adjustment is necessary because of the purchase of the Trail Mountain Mine by Fossil Rock Resources, LLC. The Cottonwood Canyon Creek traverses the Trail Mountain Mine disturbed area (Fossil Rock Resources, LLC fee area). The western boundary of the Cottonwood/Wilberg Mine therefore, overlaps the Trail Mountain Mine disturbed area. By adjusting the boundary to the center line of Emery County Road #506, both the Cottonwood/Wilberg Mine and the Trail Mountain Mine can be identified and managed as separate and independently owned mine properties.

In a concerted effort by the parties to clean up this overlap, it is PacifiCorp's understanding that Fossil Rock Resources, LLC agrees to this change and will submit a similar amendment to adjust the Trail Mountain Mine permit boundary east from the center line of the Cottonwood Canyon Creek to the center line of the Emery County Road #506.

Appendix C of the Legal and Financial Volume gives the Underground Right of Entry information. Changes to this Appendix include an updated description and ownership of the fee land in T17S, R6E, Section 25, as well as the effective dates of the lease readjustments. Appendix G is the location of permit descriptions. The call out of the fee land description is noted.

Two maps are also included with this submittal for the Division's review; Map 1-1 from Volume 3, and Map 3-16A from Volume 6. Map 1-1 shows the coal leases and entire permit boundary of the Cottonwood/Wilberg Mine. Changes to the remaining maps listed on the C2 form (with the exception of 3-16A) are identical to the changes made on Map 1-1.

Map 3-16A illustrates the Cottonwood Fan Portal area. This map is a larger scaled map focusing only on the fan portal area. The mine permit boundary is now shown aligned with the center line of the

county road. Once the Division has approved this boundary adjustment, all maps listed on the C2 form shall be submitted for incorporation into the MRP. A list of maps is also proposed for removal from the permit. These maps include facilities that have been demolished at Cottonwood/Wilberg and are no longer relevant.

The required C1/C2 forms are attached. Once the Division conditionally approves the three amendments, Interwest Mining Company will submit clean copies to the Legal and Financial Volume and the Maps of their respective MRP.

Please feel free to call myself at 435-687-4712 or Dennis Oakley at 435-687-4820 if you have any concerns regarding this action.

Sincerely,



Kenneth S. Fleck  
Geology and Environmental Affairs Manager

Enclosures

# APPLICATION FOR COAL PERMIT PROCESSING

Permit Change  New Permit  Renewal  Exploration  Bond Release  Transfer

Permittee: PacifiCorp

Mine: Cottonwood/Wilberg Mine

Permit Number: C/015/0019

Title: Amendment to Adjust the Cottonwood/Wilberg Mine Permit Area Boundary, Legal and Financial Volume, PacifiCorp, Cottonwood/Wilberg Mine, C/015/0019, Emery County, Utah.

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: 3.72  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:* \_\_\_\_\_

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- 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.

Kenneth Fleck  
Print Name

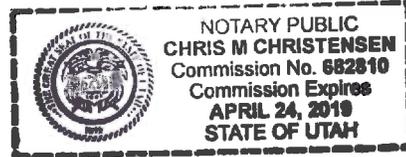
Kenneth S. Fleck  
Sign Name, Position, Date

Manager of Environmental Affairs FEB 10, 2016

Subscribed and sworn to before me this 10<sup>th</sup> day of February, 2016

Chris M Christensen  
Notary Public

My commission Expires: Utah April 24, 2019 } ss:  
Attest: State of Utah  
County of Emery



<b>For Office Use Only:</b>	<b>Assigned Tracking Number:</b>	<b>Received by Oil, Gas &amp; Mining</b>



<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)

PacifiCorp  
Interwest Mining Company  
Cottonwood/Wilberg Mine  
C/015/0019

**SUBMITTAL #1 - Amendment to Adjust the  
Cottonwood/Wilberg Mine Permit Area Boundary, PacifiCorp,  
Cottonwood/Wilberg Mine, C/015/0019, Emery County, Utah.**

Replace Appendix C – Entire Section

## Cottonwood - Underground Right-of-Entry Information with Cited Surface and Subsurface Ownership

**Federal Coal Lease U-040151**

Lease Readjustment Effective Date:	3/1/2002 to 3/1/2012	3/1/2012 to 3/1/2022
Lessee of Record:	Corporation of the Presiding Bishop of the Church of Jesus Christ of Latter-Day Saints	
SubLessee of Record:	PacifiCorp	
<b>Right of Entry Lease Acres:</b>	<b>1,020.00</b>	

	Location/Description	Right of Entry Acres	Relinquished Acres	Surface Owner	Subsurface Owner
<b>T17S, R7E, SLB&amp;M Emery County, UT</b>					
Sec 15:	E½SW¼	80.00	0.00	USFS	BLM
	E½W½SW¼	40.00		USFS	BLM
Sec 16:	S½S½SW¼	40.00	0.00	USFS	BLM
	SW¼SW¼SE¼	10.00		USFS	
Sec 17:	S½SE¼SE¼	20.00	0.00	Karl A. Seely Co., Inc.	BLM
Sec 20:	E½E½	160.00		PacifiCorp	BLM
Sec 21:	N½NW¼	80.00	0.00	PacifiCorp	BLM
	SE¼NW¼	40.00		PacifiCorp	
	N½SW¼NW¼	20.00	0.00	PacifiCorp	BLM
	W½W½W½NE¼	20.00	0.00	PacifiCorp	BLM
	SW¼SW¼	40.00	0.00	PacifiCorp	BLM
	S½SE¼	80.00	0.00	Karl A. Seely Co., Inc.	BLM
	W½W½NW¼SE¼	10.00	0.00	Karl A. Seely Co., Inc.	BLM
	E½SW¼	80.00	0.00	Lavar J & Phyllis G Jensen	BLM
	NW¼SW¼	40.00	0.00	Lavar J & Phyllis G Jensen	BLM
	S½SW¼NW¼	20.00	0.00	Lavar J & Phyllis G Jensen	BLM
Sec 22:	NE¼NW¼	40.00	0.00	USFS	BLM
	E½NW¼NW¼	20.00		USFS	
Sec 27:	N½NW¼	80.00	0.00	USFS	BLM
Sec 28:	E½NE¼NW¼	20.00	0.00	USFS	BLM
	N½NE¼	80.00	0.00	USFS	BLM
Areas Relinq. BLM Acceptance Effective 4/30/1997					
Sec 15:	W½W½SW¼	0.00	40.00	USFS	BLM
Sec 16:	N½S½	0.00	160.00	USFS	BLM
	SE¼SE¼	0.00	40.00	USFS	BLM
	E½SW¼SE¼	0.00	20.00	USFS	BLM
	NW¼SW¼SE¼	0.00	10.00	USFS	BLM
	N½S½SW¼	0.00	40.00	USFS	BLM
Sec 17:	NE¼SE¼	0.00	40.00	Karl A. Seely Inc.	BLM
	N½SE¼SE¼	0.00	20.00	Karl A. Seely Inc.	BLM
Sec 21:	E½NE¼	0.00	80.00	PacifiCorp	BLM
	E½W½NE¼	0.00	40.00	PacifiCorp	BLM
	NE¼SE¼	0.00	40.00	Karl A. Seely Inc.	BLM
	E½NW¼SE¼	0.00	20.00	Karl A. Seely Inc.	BLM
	E½W½W½NE¼	0.00	20.00	PacifiCorp	BLM
	E½W½NW¼SE¼	0.00	10.00	Karl A. Seely Inc.	BLM
Sec 22:	W½NW¼NW¼	0.00	20.00	USFS	BLM
Sec 28:	NW¼NW¼	0.00	40.00	USFS	BLM
	W½NE¼NW¼	0.00	20.00	USFS	BLM
Sec 29:	NE¼NE¼	0.00	40.00	USFS	BLM
Total Relinquished Acres (No legal right-of-entry)			700.00		
<b>Total Right of Entry</b>		<b>1,020.00</b>			

## Cottonwood - Underground Right-of-Entry Information with Cited Surface and Subsurface Ownership

### Federal Coal Lease U-1358

Lease Readjustment Effective Date:: 8/1/2007 to 8/1/2017  
 Lessee of Record: PacifiCorp  
**Right of Entry Lease Acres: 120.00**

Location/Description		Right of Entry Acres	Relinquished Acres	Surface Owner	Subsurface Owner
<b>T17S, R7E, SLB&amp;M Emery County, UT</b>					
Sec 22:	E½SW¼NW¼	20.00	0.00	USFS	BLM
	SE¼NW¼	40.00	0.00	USFS	BLM
	E½NW¼SW¼	20.00			
	SW¼SW¼	40.00			
Areas Relinq. BLM Acceptance Effective 4/24/1992					
Sec 22:	SE¼SE¼	0.00	40.00	USFS	BLM
	N½NE¼SE¼	0.00	20.00	USFS	BLM
	S½S½NE¼SE¼	0.00	10.00	USFS	BLM
Areas Relinq. BLM Acceptance Effective 6/12/1995					
Sec 22:	N½S½NE¼SE¼	0.00	10.00	USFS	BLM
Sec 27:	E½NE¼	0.00	80.00	USFS	BLM
Areas Relinq. BLM Acceptance Effective 4/30/1997					
Sec 22:	W½SW¼NW¼	0.00	20.00	USFS	BLM
	W½NW¼SW¼	0.00	20.00		
Total Relinquished Acres (No legal right-of-entry)			200.00		
<b>Total Right of Entry</b>		<b>120.00</b>			

### Federal Coal Lease SL-064900

Lease Readjustment Effective Date:: 2/3/2005 to 2/3/2015 2/3/2015 to 2/3/2025  
 Lessee of Record: PacifiCorp  
**Right of Entry Lease Acres: 160.00**

Location/Description		Right of Entry Acres	Relinquished Acres	Surface Owner	Subsurface Owner
<b>T17S, R7E, SLB&amp;M Emery County, UT</b>					
Sec 22:	E½SW¼	80.00	0.00	USFS	BLM
	W½SE¼	80.00	0.00	USFS	BLM
Total Relinquished Acres (No legal right-of-entry)			0.00		
<b>Total Right of Entry</b>		<b>160.00</b>			

## Cottonwood - Underground Right-of-Entry Information with Cited Surface and Subsurface Ownership

**Federal Coal Lease U-083066**

Lease Readjustment Effective Date::	3/1/2002 to 3/1/2012	3/1/2012 to 2022
Lessee of Record:	Corporation of the Presiding Bishop of the Church of Jesus Christ of Latter-Day Saints	
SubLessee of Record:	PacifiCorp	
<b>Right of Entry Lease Acres*:</b>	<b>2,422.77</b> * As defined in BLM Lease Document	

	Location/Description	Right of Entry Acres	Relinquished Acres	Surface Owner	Subsurface Owner
<b>T17S, R6E, SLB&amp;M Emery County, UT</b>					
Sec 13:	E½SW¼	80.00	0.00	USFS	BLM
	SE¼	160.00	0.00	USFS	BLM
Sec 24:	E½W½	160.00	0.00	USFS	BLM
	E½	320.00	0.00	USFS	BLM
Sec 25:	N½NE¼	80.00	0.00	USFS	BLM
<b>T17S, R7E, SLB&amp;M Emery County, UT</b>					
Sec 17:	S½SW¼SE¼	20.00	0.00	Karl A. Seely Inc.	BLM
	E½SW¼	80.00	0.00	Karl A. Seely Inc.	BLM
	W½SW¼	80.00	0.00	PacifiCorp	BLM
Sec 18:	SE¼	160.00	0.00	PacifiCorp	BLM
	Lots 3 and 5	47.10	0.00	USFS	BLM
Sec 19:	Lots 1 - 4	92.67	0.00	USFS	BLM
	E½	320.00	0.00	PacifiCorp	BLM
Sec 20:	W½	320.00	0.00	PacifiCorp	BLM
	W½E½	160.00	0.00	PacifiCorp	BLM
Sec 29:	NW¼NE¼	40.00	0.00	USFS	BLM
	N½NW¼	80.00	0.00	USFS	BLM
Sec 30:	Lots 1, 5, and 6	63.00	0.00	USFS	BLM
	N½NE¼	80.00	0.00	USFS	BLM
	SW¼NE¼	40.00	0.00	USFS	BLM
	NW¼SE¼	40.00	0.00	USFS	BLM
Areas Relinq. BLM Acceptance Effective 4/30/1997					
Sec 17:	NW¼SE¼	0.00	40.00	Karl A. Seely Inc.	BLM
	N½SW¼SE¼	0.00	20.00	Karl A. Seely Inc.	BLM
Total Relinquished Acres (No legal right-of-entry)			60.00		
<b>Lease Acreage per BLM Coal Plat Total Right of Entry</b>		<b>2,422.77</b>			
<b>Total Right of Entry* (Per Lease Document)</b>		<b>2,425.00</b>			

## Cottonwood - Underground Right-of-Entry Information with Cited Surface and Subsurface Ownership

**Federal Coal Lease U-47978**

Lease Readjustment Effective Date::

10/1/2001 to 10/1/2011

10/1/2011 to 10/1/2021

Lessee of Record:

PacifiCorp

**Right of Entry Lease Acres:**

**180.00**

Location/Description	Right of Entry Acres	Relinquished Acres	Surface Owner	Subsurface Owner	
<b>T17S, R7E, SLB&amp;M Emery County, UT</b>					
Sec 27:	S½NW¼	80.00	0.00	USFS	BLM
Sec 28:	S½NE¼	80.00	0.00	USFS	BLM
	E½SE¼NW¼	20.00	0.00	USFS	BLM
Areas Relinq. BLM Acceptance Effective 4/24/1992					
Sec 27:	N½SW¼	0.00	80.00	USFS	BLM
Sec 28:	NE¼SE¼	0.00	40.00	USFS	BLM
	E½NW¼SE¼	0.00	20.00	USFS	BLM
	N½SE¼SE¼	0.00	20.00	USFS	BLM
Sec 29:	SW¼NE¼	0.00	40.00	USFS	BLM
	W½SE¼NE¼	0.00	20.00	USFS	BLM
	S½NW¼	0.00	80.00	USFS	BLM
	SW¼	0.00	160.00	USFS	BLM
	W½SE¼	0.00	80.00	USFS	BLM
	W½E½SE¼	0.00	40.00	USFS	BLM
Sec 33:	S½S½NE¼	0.00	40.00	USFS	BLM
	SE¼SE¼NW¼	0.00	10.00	USFS	BLM
	E½NE¼SW¼	0.00	20.00	USFS	BLM
Areas Relinq. BLM Acceptance Effective 10/16/1992					
Sec 28:	SW¼NW¼	0.00	40.00	USFS	BLM
	W½SE¼NW¼	0.00	20.00	USFS	BLM
	SW¼	0.00	160.00	USFS	BLM
	W½NW¼SE¼	0.00	20.00	USFS	BLM
	SW¼SE¼	0.00	40.00	USFS	BLM
	S½SE¼SE¼	0.00	20.00	USFS	BLM
Sec 29:	E½SE¼NE¼	0.00	20.00	USFS	BLM
	E½E½SE¼	0.00	40.00	USFS	BLM
Sec 32:	N½	0.00	320.00	USFS	BLM
	N½S½	0.00	160.00	USFS	BLM
Sec 33:	N½NE¼	0.00	80.00	USFS	BLM
	N½S½NE¼	0.00	40.00	USFS	BLM
	N½NW¼	0.00	80.00	USFS	BLM
	N½SE¼NW¼	0.00	20.00	USFS	BLM
	SW¼NW¼	0.00	40.00	USFS	BLM
	SW¼SE¼NW¼	0.00	10.00	USFS	BLM
	NW¼SW¼	0.00	40.00	USFS	BLM
	W½NE¼SW¼	0.00	20.00	USFS	BLM

## Cottonwood - Underground Right-of-Entry Information with Cited Surface and Subsurface Ownership

### Federal Coal Lease U-47978 Continued

Location/Description		Right of Entry Acres	Relinquished Acres	Surface Owner	Subsurface Owner
Areas Relinq. BLM Acceptance Effective 4/24/1992					
Sec 30:	Lot 7	0.00	17.80	USFS	BLM
	SE $\frac{1}{4}$ NE $\frac{1}{4}$	0.00	40.00	USFS	BLM
	NE $\frac{1}{4}$ SE $\frac{1}{4}$	0.00	40.00	USFS	BLM
	S $\frac{1}{2}$ SE $\frac{1}{4}$	0.00	80.00	USFS	BLM
Sec 31:	Lot 1	0.00	22.09	USFS	BLM
	E $\frac{1}{2}$	0.00	320.00	USFS	BLM
Sec 32:	S $\frac{1}{2}$ S $\frac{1}{2}$	0.00	160.00	USFS	BLM
Sec 33:	S $\frac{1}{2}$ SW $\frac{1}{4}$	0.00	80.00	USFS	BLM
	W $\frac{1}{2}$ SE $\frac{1}{4}$	0.00	80.00	USFS	BLM
Sec 34:	NW $\frac{1}{4}$ NW $\frac{1}{4}$	0.00	40.00	USFS	BLM
	S $\frac{1}{2}$ NW $\frac{1}{4}$	0.00	80.00	BLM	BLM
<b>T18S, R7E, SLB&amp;M Emery County, UT</b>					
Areas Relinq. BLM Acceptance Effective 4/24/1992					
Sec 4:	Lots 2-4	0.00	130.67	BLM	BLM
Sec 5:	Lots 1-4	0.00	172.30	BLM	BLM
	S $\frac{1}{2}$ NW $\frac{1}{4}$	0.00	80.00	BLM	BLM
Total Relinquished Acres (No legal right-of-entry)			3,162.86		
<b>Total Right of Entry</b>		<b>180.00</b>			

### Federal Coal Lease UTU-044025

Lease Readjustment Effective Date::	8/1/2000 to 8/1/2010	8/1/2010 to 8/1/2020
Lessee of Record:	Corporation of the Presiding Bishop of the Church of Jesus Christ of Latter-Day Saints	
Sublessee of Record:	PacifiCorp	
<b>Right of Entry Lease Acres:</b>	<b>40.00</b>	

Location/Description		Right of Entry Acres	Relinquished Acres	Surface Owner	Subsurface Owner
<b>T17S, R7E, SLB&amp;M Emery County, UT</b>					
Sec 27:	NW $\frac{1}{4}$ NE $\frac{1}{4}$	40.00	0.00	USFS	BLM
Total Relinquished Acres (No legal right-of-entry)			0.00		
<b>Total Right of Entry</b>		<b>40.00</b>			

## Cottonwood - Underground Right-of-Entry Information with Cited Surface and Subsurface Ownership

**Private Fee Coal Lease**

Lease Issuance Acquisition Date:	11/18/1998 to 12/31/2005	4/15/2015
Private Owner/Lessor-of-Record:	Corporation of the Presiding Bishop of the Church of Jesus Christ of Latter-Day Saints	
Lessee-of-Record:	PacifiCorp	
Right of Entry Lease Acres:	<b>103.72</b>	

Location/Description	Right of Entry Acres	Relinquished Acres	Surface Owner	Subsurface Owner
<b>T17S, R6E, SLB&amp;M Emery County, UT</b>				
Sec 25: Beginning at the Southeast corner of the NE¼ of the SE¼ of Section 25; thence N 160 rods; thence W 116 rods, more or less, to the center line of Cottonwood Creek; thence in a Southerly direction along the center line of said Cottonwood Creek to a point 84 rods, more or less, W of the beginning; thence E 84 rods, more or less, to the point of beginning. Containing 100 acres, more or less of fee lands.	400.00		Corporation of the Presiding Bishop of the Church of Jesus Christ of Latter-Day Saints (LDS Church)	LDS Church
Beginning at the Southeast corner of the Northeast quarter of the Southeast quarter of Section 25, Township 17 South, Range 6 East, SLB&M, and running thence S 89°20'20" W, 1482.82 feet along 40 acre line to the centerline of Cottonwood Canyon Road; thence N 18°32'22" W, 211.65 feet along centerline of said road; thence N 18°00'23" W, 236.55 feet along centerline of said road; thence N 13°36'45" W, 219.23 feet along centerline of said road; thence N 10°17'37" W, 104.54 feet along centerline of said road; thence N 08°20'49" W, 350.40 feet along centerline of said road; thence N 10°33'11" W, 476.22 feet along centerline of said road; thence N 24°01'08" W, 163.55 feet along centerline of said road; thence N 20°01'04" W, 87.46 feet along centerline of said road; thence N 10°00'01" W, 150.85 feet along centerline of said road; thence N 02°27'38" W, 152.52 feet along centerline of said road; thence N 01°54'03" E, 211.25 feet along centerline of said road; thence N 00°12'51" W, 242.02 feet along centerline of said road; thence N 10°41'22" E, 106.12 feet along centerline of said road to the north line of the South half of the Northeast quarter of said Section 25; thence N 89°46'01" E, 1898.88 feet along 40 acre line to the Northeast corner of the Southeast quarter of the Northeast quarter of said Section 25; thence S 00°12'37" E 1309.21 feet to the East quarter corner of said Section 25; thence S 00°29'09" E 1328.42 feet to the point of beginning.	103.72		PacifiCorp	PacifiCorp
<b>T17S, R7E, SLB&amp;M Emery County, UT</b>				
Sec 15: SE¼ (Relinquished Effective 11/18/1998)	0.00	160.00		
Sec 22: NE¼ (Relinquished Effective 11/18/1998)	0.00	160.00		
<b>Total Relinquished Acres (No legal right-of-entry)</b>		<b>320.00</b>		

## Cottonwood - Underground Right-of-Entry Information with Cited Surface and Subsurface Ownership

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<b>Total Right of Entry</b>	<b>103.72</b>
<b>Total Federal Lease Acres</b>	<b>3,942.77</b>
<b>Total Private Fee Acres</b>	<b>103.72</b>
<b>Total State Lease Acres</b>	<b>0.00</b>
<b>Total</b>	<b>4,046.49</b>

PacifiCorp  
Interwest Mining Company  
Cottonwood/Wilberg Mine  
C/015/0019

**SUBMITTAL #1 - Amendment to Adjust the  
Cottonwood/Wilberg Mine Permit Area Boundary, PacifiCorp,  
Cottonwood/Wilberg Mine, C/015/0019, Emery County, Utah.**

Replace Appendix G – Entire Section

**Cottonwood/Wilberg Permit Boundary Description**

**T17S, R6E, SLB&M Emery County, UT**

Section	Description	Acreage
Sec 13:	E½SW¼	80.00
	SE¼	160.00
Sec 24:	E½W½	160.00
	E½	320.00
Sec 25:	N½NE¼	80.00
	Beginning at the Southeast corner of the NE¼ of the SE¼ of Section 25; thence N 160 rods; thence W 146 rods, more or less, to the center line of Cottonwood Creek; thence in a Southerly direction along the center line of said Cottonwood Creek to a point 84 rods, more or less; W of the beginning; thence E 84 rods, more or less, to the point of beginning. Containing 100 acres, more or less of fee lands.	400.00

Beginning at the Southeast corner of the Northeast quarter of the Southeast quarter of Section 25, Township 17 South, Range 6 East, SLB&M, and running thence S 89°20'20" W, 1482.82 feet along 40 acre line to the centerline of Cottonwood Canyon Road; thence N 18°32'22" W, 211.65 feet along centerline of said road; thence N 18°00'23" W, 236.55 feet along centerline of said road; thence N 13°36'45" W, 219.23 feet along centerline of said road; thence N 10°17'37" W, 104.54 feet along centerline of said road; thence N 08°20'49" W, 350.40 feet along centerline of said road; thence N 10°33'11" W, 476.22 feet along centerline of said road; thence N 24°01'08" W, 163.55 feet along centerline of said road; thence N 20°01'04" W, 87.46 feet along centerline of said road; thence N 10°00'01" W, 150.85 feet along centerline of said road; thence N 02°27'38" W, 152.52 feet along centerline of said road; thence N 01°54'03" E, 211.25 feet along centerline of said road; thence N 00°12'51" W, 242.02 feet along centerline of said road; thence N 10°41'22" E, 106.12 feet along centerline of said road to the north line of the South half of the Northeast quarter of said Section 25; thence N 89°46'01" E, 1898.88 feet along 40 acre line to the Northeast corner of the Southeast quarter of the Northeast quarter of said Section 25; thence S 00°12'37" E 1309.21 feet to the East quarter corner of said Section 25; thence S 00°29'09" E 1328.42 feet to the point of beginning.

103.72
903.72

**Total for Township**

**T17S, R7E, SLB&M Emery County, UT**

Section	Description	Acreage
Sec 15:	E½SW¼	80.00
	E½W½SW¼	40.00
Sec 16:	S½S½SW¼	40.00
	SW¼SW¼SE¼	10.00
Sec 17:	E½SW¼	80.00
	W½SW¼	80.00
	S½SW¼SE¼	20.00
	S½SE¼SE¼	20.00
Sec 18:	Lots 3 and 5	47.10
	SE¼	160.00
Sec 19: (ALL)	Lots 1 - 4	92.67
	E½	320.00
Sec 20: (ALL)	W½	320.00
	W½E½	160.00
	E½E½	160.00
Sec 21:	N½NW¼	80.00
	SE¼NW¼	40.00
	N½SW¼NW¼	20.00
	W½W½W½NE¼	20.00
	SW¼SW¼	40.00
	S½SE¼	80.00
	W½W½NW¼SE¼	10.00
	E½SW¼	80.00
	NW¼SW¼	40.00

**Cottonwood/Wilberg Permit Boundary Description**

	S½SW¼NW¼	20.00
Sec 22:	NE¼NW¼	40.00
	E½NW¼NW¼	20.00
	E½SW¼NW¼	20.00
	E½NW¼SW¼	20.00
	SE¼NW¼	40.00
	SW¼SW¼	40.00
	W½SE¼	80.00
	E½SW¼	80.00
Sec 27:	S½NW¼	80.00
	NW¼NE¼	40.00
	N1/2NW1/4	80.00
	SW1/4NE1/4 (USFSSUP)	40.00
Sec 28:	E½NE¼NW¼	20.00
	S½NE¼	80.00
	E½SE¼NW¼	20.00
	N½NE¼	80.00
Sec 29:	NW¼NE¼	40.00
	N½NW¼	80.00
Sec 30:	Lots 1, 5, and 6	63.00
	N½NE¼	80.00
	SW¼NE¼	40.00
	NW¼SE¼	40.00

Sec 34:

**Sewer Absorption Field:** Beginning S52°06'48"W, 1664.59 ft. from the Sec. corners of 34, 27, 26, and 35, thence, S15°23'50"E, 193.05 feet; thence, N69°13'28"W, 354.72 feet; thence, N14°04'20"W, 185.61 feet; thence, N29°53'51"E, 488.38 feet; thence, N00°47'31"E, 474.97 feet; thence, E, 30 feet; thence, S00°47'31"W, 421.50 feet; thence, S04°55'10"E, 598.80 feet, to the point of beginning. Said parcel contains 3.70 acres more or less.

3.70

Rock and Soil Storage Area -Beginning at a point S08°10'26"E, 758.72 feet from the east 1/4 corner of section 34, T. 17S., R.7E., SLB&M; thence, S46°00'31"W, 377.65 feet; thence, N45°52'24"W, 139.17 feet; thence, N32°54'05"W, 74.56 feet; thence, N23°41'14"E, 40.14 feet; thence, N50°27'20"E, 295.51 feet; thence, N69°41'04"E, 36.66 feet; thence, S44°45'52"E, 189.90 feet to the point of beginning. Said parcel contains 1.86 1.81 acres more or less.

1.81

Total for Township 3,188.28

**Total Permit Acres** 4,092.00

The Cottonwood/Wilberg Permit Area contains the areas as described above. The area within the described boundary is approximately ~~4,088.33~~ 4092.00 acres. The total disturbed area at the mine is 27.88 acres. The disturbance is distributed as follows:

**Disturbed Area Reconciliation Table**

Type Area	Area Name	Reclamation Completion Date	Original Disturbed Acreage	Phase I Bond Release Date	Phase II Bond Release Date	Phase III Bond Release Date	Remaining Disturbed Acreage
Mine Site	Cottonwood/Wilberg Main Mine	N/A	20.46				20.46
Mine Site	Leach Field	N/A	3.70				3.70
Storage Area	Rock and Soil Storage Area - AKA Cottonwood/Wilberg/Trail/DesBee Dove Old Waste Rock Site		15.62	Jul-99	Jul-09	Jul-09	1.86 1.81
Waste Rock Site	Cottonwood/Trail/DesBeeDove Waste Rock Site - New	N/A	17.44				0.00*
Remote Portal	Cottonwood Canyon Area - AKA Fan Portal Area	Nov-98	9.33	Mar-04	Sep-10	9/28/2010*	1.86
Remote Portal	Miller Canyon Portal Area	Jun-99	0.02	Jun-02	Oct-10	Oct-10	0.00
<b>Total</b>			<del>66.57</del> 49.13				<del>26.02</del> 27.83

Refer to Surface and Subsurface ownership maps in Volume 3.

\* The Cottonwood/Trail/DesBeeDove Waste Rock Site was transferred to the Trail Mountain Mine permit in January 2015. The disturbed area of this waste rock site is now associated with the Trail Mountain Mine disturbed area boundaries.

\*Phase III Bond Release on the area of the CFP and access road only. Area remaining is soil storage, TMA portal, and belt portal.

PacifiCorp  
Interwest Mining Company  
Cottonwood/Wilberg Mine  
C/015/0019

**SUBMITTAL #1 - Amendment to Adjust the  
Cottonwood/Wilberg Mine Permit Area Boundary, PacifiCorp,  
Cottonwood/Wilberg Mine, C/015/0019, Emery County, Utah.**

Replace Maps

Note: not all maps are included with this submittal. The two included maps are representative of the changes to all maps. Once conditional approval is given by the Division, all maps will be submitted as clean copies and stamped by a Professional Engineer.

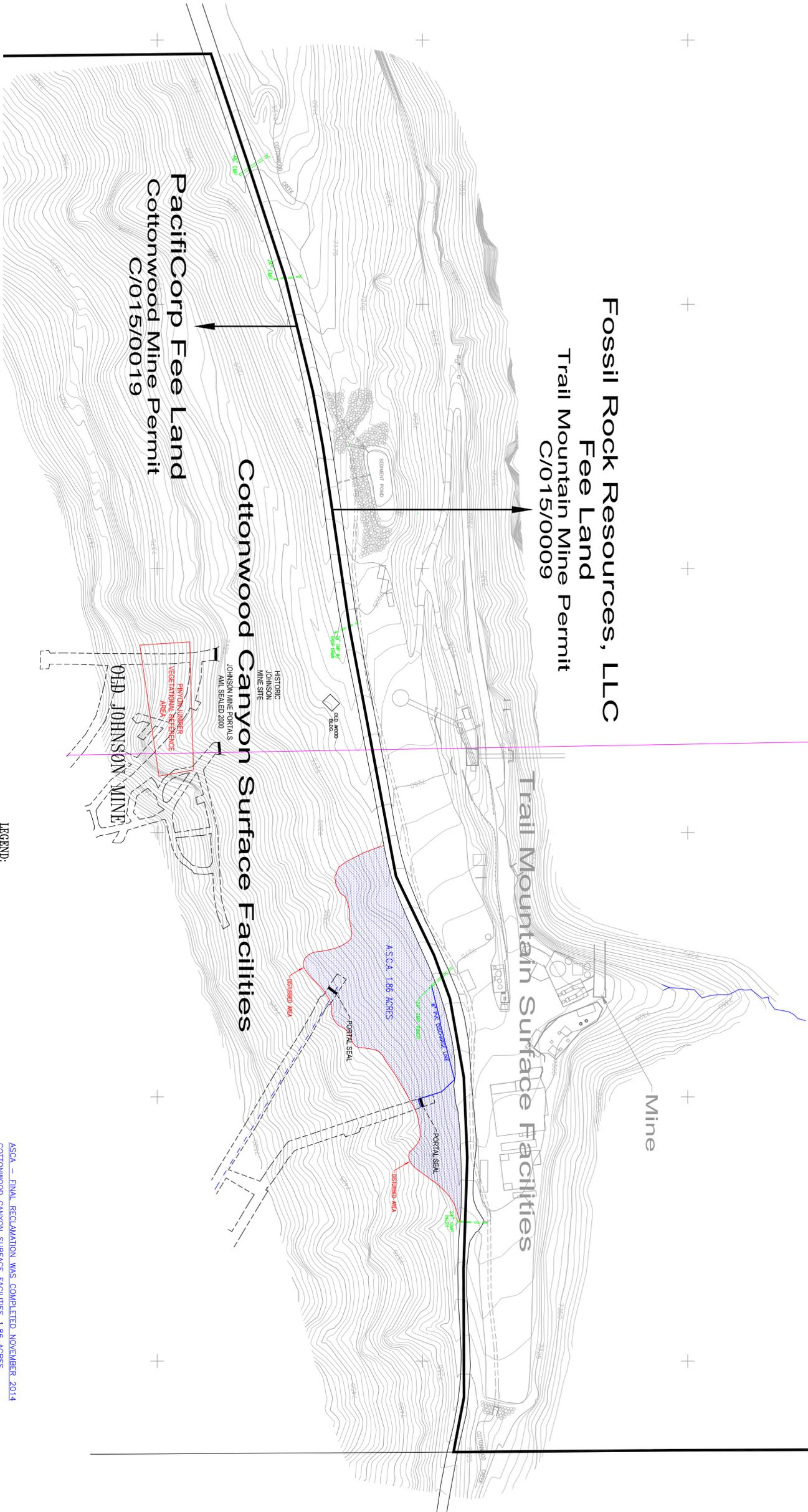
Fossil Rock Resources, LLC  
Fee Land  
Trail Mountain Mine Permit  
C/O15/0009

PacificCorp Fee Land  
Cottonwood Mine Permit  
C/O15/0019

Cottonwood Canyon Surface Facilities

Trail Mountain Surface Facilities

Mine



- LEGEND:
- SURFACE DRAINAGE
  - CULVERT
  - COTTONWOOD PERMIT BOUNDARY

ASCA - FINAL RECLAMATION WAS COMPLETED NOVEMBER 2014  
 COTTONWOOD CANYON SURFACE FACILITIES 1.86 ACRES  
 REFER TO DISCUSSION IN VOLUME 2 PART 3, TREATMENT  
 INCLUDES SURFACE ROUGHENING, SEDIMENT CONTROL  
 STRUCTURES, AND VEGETATION.



NORTH

3-16A

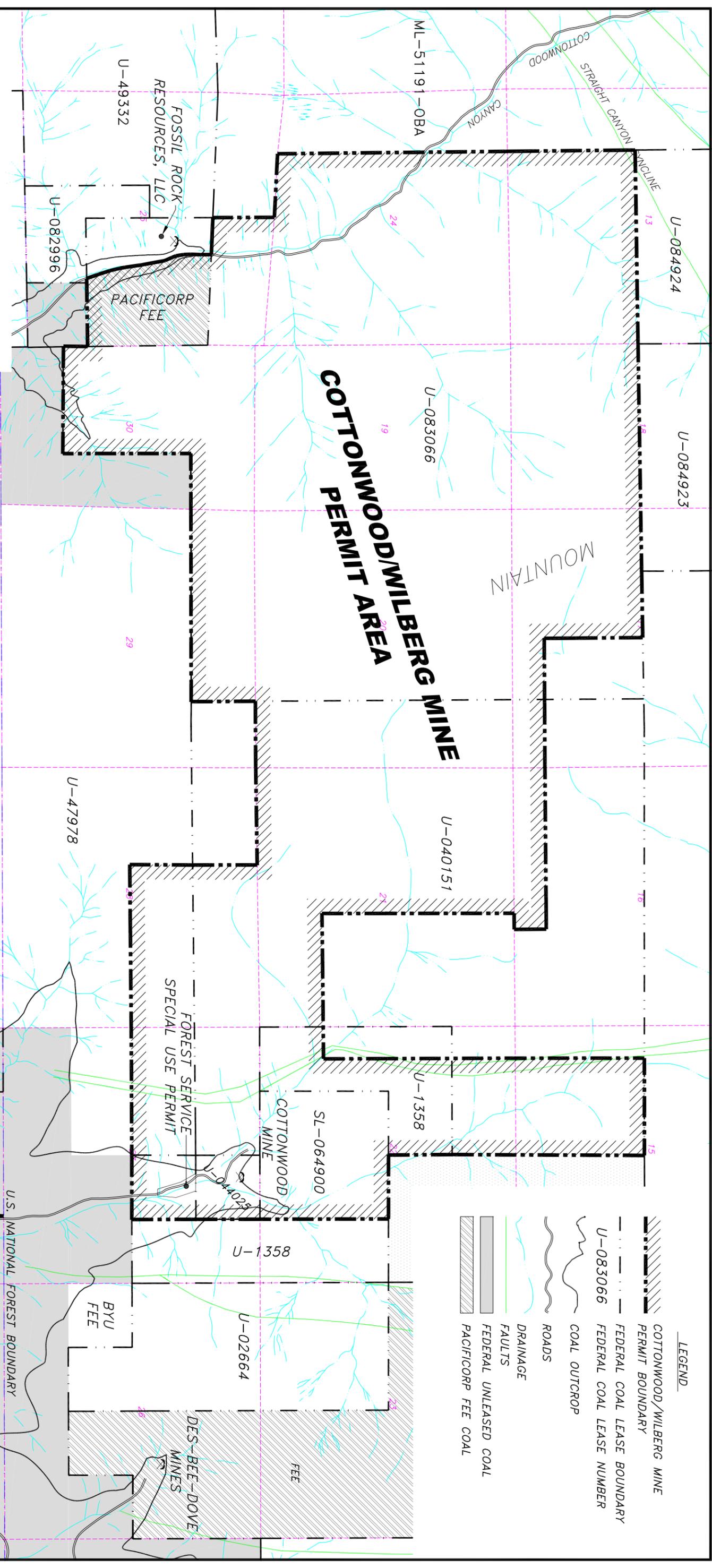
CAD FILE NAME/DISK# CMT0892  
**INTERWEST**  
 MINING COMPANY  
 A SUBSIDIARY OF PACIFICORP

COTTONWOOD MINE  
 COTTONWOOD FAN PORTAL  
 SURFACE FACILITIES MAP

10-29-10	REMOVED SEDIMENT BASINS	KIL	
4-2-97	ADDED PINON JUNPER REFERENCE AREA AND REVISED TO REFLECT EXISTING CONDITIONS	KIL	
4-24-95	ADDED JOHNSON MINE SITE	KIL	
DATE	DECEMBER 15, 2010	SHEET 1	OF 1
DRAWN BY	K. LARSEN	CM-10892-CP	
SCALE	1" = 100'		
DATE	DECEMBER 15, 2010	SHEET 1	OF 1

**LEGEND**

	COTTONWOOD/WILBERG MINE
	PERMIT BOUNDARY
	FEDERAL COAL LEASE BOUNDARY
	U-083066 FEDERAL COAL LEASE NUMBER
	COAL OUTCROP
	ROADS
	DRAINAGE
	FAULTS
	FEDERAL UNLEASED COAL
	PACIFICORP FEE COAL



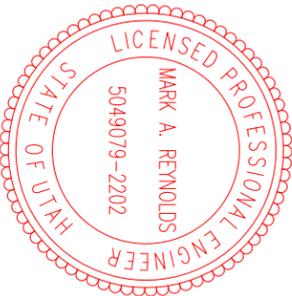
COTTONWOOD/WILBERG MINE  
 COAL LEASE AND OWNERSHIP MAP  
 COTTONWOOD/WILBERG MINE PERMIT AREA

DRAWN BY: K. LARSEN  
 CM-10519-WB

SCALE: 1" = 2000'  
 DATE: OCTOBER 7, 1983  
 SHEET 1 OF 1  
 REV. \_\_\_\_\_

CAD FILE NAME/DISK#: CM-10519-WB

DATE	REVISIONS	BY
1-7-15	REMOVED THE COTTONWOOD WASTE ROCK STORAGE SITE	KJL
4-6-12	REVISED TO REFLECT PHASE 3 BOND RELEASE OF THE COTTONWOOD WASTE ROCK SITE	KJL
10-28-10	REVISED COTTONWOOD PERMIT BOUNDARY TO REFLECT PHASE 3 RELINQUISHMENT	KJL
11-8-01	REVISED PERMIT BOUNDARY TO EXCLUDE RELINQUISHED AREA	KJL
4-9-01	REVISED PERMIT BOUNDARY & ADDED RELINQUISHED AREAS	KJL
9-21-00	CONVERTED DRAWING TO AUTOCAD AND REVISED FEDERAL LEASE U-024317 TO INCLUDE ADDITIONAL 50 ACRES	KJL
9-22-89	UPDATED OWNERSHIP TITLES	JRG
8-31-89	REVISED UP&L CO. PERMIT BOUNDARY LINE L/U-044025	KJL
8/11/89	ADDED PROPOSED WASTE ROCK SITE	JRG
2/22/89	REVISED TITLE BLOCK, LEGEND AND OTHER LABELS TO INCLUDE COTTONWOOD MINE	JRG
11/4/86	REVISED TO INCLUDE SEC. 31, 32 & 33 T.16S., R.7E., & SEC. 36 T.16S., R.6E. INTO MINE PERMIT AREA	LJH



T 17 S  
 R 18 S