PERMIT CHANGE TRACKING FORM

- ☐ **Significant Permit Revision**
- ☐ **Permit Amendment**
- ☐ **Incidental Boundary Change**

DATE RECEIVED 12/23/96	**By:** (Initial)	PERMIT NUMBER	**ACT/015/009**
Title of Proposal: Incidental Boundary Change		PERMIT CHANGE #	96J
Description:		PERMITTEE	**PACIFICORP**
		MINE NAME	**TRAIL MOUNTAIN MINE**

	DATE DUE	DATE DONE	RESULT	
☐ **15 DAY INITIAL RESPONSE TO PERMIT CHANGE APPLICATION**			☐ ACCEPTED	☐ REJECTED
☐ Notice of Review Status of proposed permit change sent to the Permittee.			**COMMENTS**	
☐ Responses Received.				
☐ Notice of Affidavit of Publication. (If change is a Significant Revision.)				

REVIEW TRACKING	INITIAL REVIEW		MODIFIED REVIEW		FINAL REVIEW AND FINDINGS	
DOGM REVIEWER	**DUE**	**DONE**	**DUE**	**DONE**	**DUE**	**DONE**
☐ Lead ____						
☐ TA (See Attached) ____						
☐ Reviewers ____						
☐ Administrative (AVS) ____						
☐ Biology ____						
☐ Engineering ____						
☐ Geology ____						
☐ Soils ____						
☐ Hydrology ____						

COORDINATED REVIEWS	SENT	DUE	RECEIVED	SENT	DUE	DONE
☐ OSMRE						
☐ US Forest Service						
☐ Bureau of Land Management						
☐ US Fish and Wildlife Service						
☐ US National Parks Service						
☐ UT Environmental Quality						
☐ UT Water Rights						
☐ UT Wildlife Resources						
☐ UT State History (SHPO)						
☐ State Trust Lands						

☐ Public Notice / Comment / Hearing Complete. (If the permit change is a Significant Revision)		☑ Permit Change Approval Form signed and approved effective as of this date. ☐ **Permit Change Denied.**	
☐ Copies of permit change marked and ready for MRP.		☐ Notice of ☑ Approval ☐ Denial to Permittee.	1/10/97
☐ Special Conditions/Stipulations written for approval.		☐ Copy of Approved Permit Change to File.	
☐ TA and CHIA modified as required.		☐ Copy of Approved Permit Change to Permittee.	
☐ Permit Change Approval Form ready for approval.		☐ Copies to Other Agencies and Price Field Office.	

Extended to 3/31 to Submit revised ip.

ENERGY WEST Mining Co.
PO Box 310
Huntington, Utah

March 26, 1997

Utah Coal Regulatory Program
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 14581
Salt Lake City, Utah 84114-5801

Attention: Ms. Pam Grubaugh-Littig

Copy Karon

RE: AMENDMENT TO PERMIT AND MAPS, INCIDENTAL BOUNDARY CHANGE PACIFICORP, TRAIL MOUNTAIN MINE, ACT/015/009, 96J, FOLDER #2 EMERY COUNTY, UTAH.

PacifiCorp, by and through its wholly-owned subsidiary, Energy West Mining Company ("Energy West") as mine operator, herewith submit an amendment to the permit, including those Map Plates as listed below:

1. **Plate 3-2, Volume 1, Chapter 3, Relinquishment of sec. 36, and add permit boundary change (133.2) acres.**
2. **Plate 3-3, Volume 1, Chapter 3, Relinquishment of sec. 36, and add permit boundary change (133.2) acres.**
3. **Plate 3-4, Volume 3, Same as above. (Relinquishment and add of boundary)**
4. **Plate 4-1, Volume 3, Same as above.**
5. **Plate 4-2, Volume 3, Same as above.**
6. **Plate 5-1, Volume 3, Same as above.**
7. **Plate 6-2, Volume 3, Same as above.**
8. **Plate 6-3, Volume 3, Same as above.**
9. **Plate 6-4, Volume 3, Same as above.**
10. **Plate 6-5, Volume 3, Same as above.**
11. **Plate 7-1, Volume 3, Same as above.**
12. **Plate 7-2, Volume 3, Same as above.**
13. **Plate 7-3, Volume 3, Same as above.**
14. **Plate 7-4, Volume 3, Same as above.**
15. **Plate 7-6, Volume 3, Same as above.**
16. **Plate 7-9, Volume 3, Same as above.**

The following permit pages in Volume 1, Chapter 1, Introduction and Summary of Permit Application will require updates or revisions, a copy of these pages is attached for your review. These pages are as listed:

Huntington Office:
(801) 687-9821
Fax (801) 687-2695
Purchasing Fax (801) 687-9092

Deer Creek Mine:
(801) 381-2317
Fax (801) 381-2285

Cottonwood Mine:
(801) 748-2319
Fax (801) 748-2380

1. **Page 1-4**
2. **Page 1-5**

The following permit pages in volume 1, Chapter 2, legal and financial section will require updates or revisions and a copy is attached for this first review, they are as listed below:

1. **Page 2-2**
2. **Page 2-12**
3. **Page 2-16**
4. **Page 2-17**
5. **Page 2-18**
6. **Page 2-24**
7. **Page 2-25**

The following permit pages in Volume 1, Chapter 3, Operational and Reclamation Plan Section will require updates or revisions, a copy is attached for this review, they are as listed below:

1. **Page 3-21, Table 3-1,**
2. **Page 3-21.1,**
3. **Plates following page 3-21.1, Plate 3-2, and Plate 3-3.**
4. **Page 3-32**

The following permit pages in Volume 1, Chapter 4, Land Status, Land Use Section will require updates or revisions to the following pages and a copy is attached for this review as listed below:

1. **Page 4-1**
2. **Page 4-3**
3. **Page 4-4**

The following permit pages in Volume 1, Chapter 6, Geology Section will require updates or revisions to the following pages as listed below:

1. **Page 6-7**

Not withstanding the possibility that an oversight of text areas requiring changes was made, this should provide all updated information necessary for the amendment as required by law and regulations.

Note: During a conversation between Chuck and Pamela, an agreement was derived wherein just one copy of the amendment draft would be submitted and when this was reviewed and accepted, the followup would include seven copies of all items as listed.

If there are any problems or concerns regarding this amendment please call Chuck Semborski at 687-4720 or Richard Northrup at 687-4822.

Thank You for your help and assistance in completing this amendment.

Sincerely,

Charles A. Semborski
Geology and Environmental Supervisor

cc: Blake Webster
Carl Pollastro
Barbara Adams (File)

Form DOGM - C1 (Last Revised March 25, 1997) File Folder # 3

APPLICATION FOR PERMIT PROCESSING

Permit Change ☒	New Permit ☐	Renewal ☐	Transfer ☐	Exploration ☐	Bond Release ☐	Permit Number: ACT/015/009

Title of Proposal: AMENDMENT: PERMIT TEXT AND DRAWING REVISIONS

Mine: TRAIL MOUNTAIN

Permittee: PACIFICORP

Description, include reason for application and timing required to implement: Due to an incidental boundary change, A relinquishment of state Land, Text and drawing changes are required to the permit.

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.*

☐ Yes	☒ No	1. Change in the size of the Permit Area? _____ acres Disturbed Area? _____ acres ☐ increase ☐ decrease.
☐ Yes	☒ No	2. Is the application submitted as a result of a Division Order? DO #
☐ Yes	☒ No	3. Does application include operations outside a previously identified Cumulative Hydrologic Impact Area?
☐ Yes	☒ No	4. Does application include operations in hydrologic basins other than as currently approved?
☐ Yes	☒ No	5. Does 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 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 calculations?
☐ Yes	☒ No	20. Does the application require or include subsidence control or monitoring?
☐ Yes	☒ No	21. Have reclamation costs for bonding been provided for?
☐ Yes	☒ No	22. Does 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?

☒ **Attach 1 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. Smith 3/25/97 Geology/Permitting Supervisor
Signed - Name - Position - Date

Received by Oil, Gas & Mining

bscribed and sworn to before me this 25 day of Mar, 19 97

Barbara J. Adams
Notary Public

My Commission Expires: 10-13, 19
Attest: STATE OF
COUNTY OF Emery

NOTARY PUBLIC
BARBARA J. ADAMS
15 North Main
Huntington, Utah 84528
My Commission Expires
October 13, 2000
STATE OF UTAH

ASSIGNED TRACKING NUMBER

Application for Permit Processing
Detailed Schedule of Changes to the MRP

Title of Application: AMENDMENT: PERMIT TEXT AND DRAWINGS REVISED

Permit Number: ACT/015/009

Mine: TRAIL MOUNTAIN

Permittee: PACIFICORP

Provide a detailed listing of all changes to the mining and reclamation plan which will be required as a result of this proposed permit application. Individually list all maps and drawings which are to be added, replaced, or removed from the plan. Include changes of the table of contents, section of the plan, pages, or other information as needed to specifically locate, identify and revise the existing mining and reclamation plan. **Include page, section and drawing numbers as part of the description.**

			DESCRIPTION OF MAP, TEXT, OR MATERIALS TO BE CHANGED
☐ ADD	☒ REPLACE	☐ REMOVE	Plate 3-2, Volume 1, 8½"x11" drawing, chapter 3
☐ ADD	☒ REPLACE	☐ REMOVE	Plate 3-3, Volume 1, Chapter 3, 8½"x11" drawing
☐ ADD	☒ REPLACE	☐ REMOVE	Plate 3-4, Volume 3, Drwg. TMS 1680 C
☐ ADD	☒ REPLACE	☐ REMOVE	Plate 4-1, Volume 3, Drwg TMS 1454 C
☐ ADD	☒ REPLACE	☐ REMOVE	Plate 4-2, Volume 3, Drwg. TMS 1458 C
☐ ADD	☒ REPLACE	☐ REMOVE	Plate 5-1, Volume 3, Drwg. TMS 1395C
☐ ADD	☒ REPLACE	☐ REMOVE	Plate 6-2, Volume 3, Drwg. TMS 1510 D
☐ ADD	☒ REPLACE	☐ REMOVE	Plate 6-3, Volume 3, Drwg. TMS 1681 D
☐ ADD	☒ REPLACE	☐ REMOVE	Plate 6-4, Volume 3, Drwg. TMS 1682 D
☐ ADD	☒ REPLACE	☐ REMOVE	Plate 6-5, Volume 3, Drwg. TMS 1683 D
☐ ADD	☒ REPLACE	☐ REMOVE	Plate 7-1, Volume 3, Drwg TMS 1684 C
☐ ADD	☒ REPLACE	☐ REMOVE	Plate 7-2, Volume 3, Drwg TMS 1450 D
☐ ADD	☒ REPLACE	☐ REMOVE	Plate 7-3, Volume 3, Drwg.
☐ ADD	☒ REPLACE	☐ REMOVE	Plate 7-4, Volume 3, Drwg. TMS 1456C
☐ ADD	☒ REPLACE	☐ REMOVE	Plate 7-6, Volume 3, Drwg. TMS 1686C
☐ ADD	☒ REPLACE	☐ REMOVE	Plate 7-9, Volume 3, Drwg. TMS 1459 C
☐ ADD	☒ REPLACE	☐ REMOVE	Page 1-4, Volume 1, chapter 1
☐ ADD	☒ REPLACE	☐ REMOVE	Page 1-5, Volume 1, chapter 1
☐ ADD	☒ REPLACE	☐ REMOVE	Pages 2-2, 2-12, 2-16, 2-17, 2-18, 2-24, 2-25 Volume 1, Chapter 2
☐ ADD	☒ REPLACE	☐ REMOVE	Pages 3-21, 3-21.1, 3-32, Volume 1, chapter 3
☐ ADD	☒ REPLACE	☐ REMOVE	Pages 4-1, 4-3, 4-4, Volume 1, chapter 4
☐ ADD	☒ REPLACE	☐ REMOVE	Page 6-7 Volume 1, chapter 6
☐ ADD	☐ REPLACE	☐ REMOVE	

Any other specific or special instructions required for insertion of this proposal into the Mining and Reclamation Plan?

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1.2 SOCIOECONOMICS

The Trail Mountain Mine is located in Sections 25, 26, 27, 34, 35 and 36 in T.17S, R 6 E., Sections 1, 2, and 3 in T. 18S, R 6 E. and Section 6 in T. 18S , R 7 E., SLB&M, in Emery County, twelve miles west of Orangeville, Utah.

The Trail Mountain Mine, at the present time, operates with longwalls and continuous miners in the Hiawatha Coal Seam. The Hiawatha seam is the only minable seam in the Trail Mountain Mine area. Trail Mountain Mine works approximately 220 days per year, three shifts per day, eight hours per shift with two production shifts and one maintenance shift. Annual production from Trail Mountain Mine is approximately 3,500,000 to 5,000,000 tons.

Annual production is dictated by the demand requirements of the Hunter Power Plant.

With current reserves, PacifiCorp projects that the longwalls, continuous miners, employees and production will be in place for the duration of this permit term.

There will be a maximum of approximately 300 employees working at the Trail Mountain Mine site.

PACIFICORP
TRAIL MOUNTAIN MINE

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1.3 Scope of Operation

The Trail Mountain Mine is an underground coal operation located in Sections 25, 26, 27, 34, 35 and 36, Township 17 South, Range 6 East and Sections 1, 2, and 3, Township 18 South, Range 6 East and Section 6, Township 18 South, Range 7 East, Salt Lake Base and Meridian, Emery County, Utah. The mine is located on approximately 4045.78 acres of Federal and State leases and fee coal lands. Annual production of the mine is approximately 3,500,000 to 5,000,000 tons per year.

Underground mining is occurring in the Hiawatha seam of the Blackhawk Formation. Surface facilities, including the offices, bathhouse, shop, storage facilities and tipple are located at the intersection of the coal seam and the canyon floor. Surface facilities occupy approximately 10.02 acres.

1.4 Summary of Environmental Impacts

Similar to many other coal operations along the east front of the Wasatch Plateau, the Trail Mountain Mine is located in a steep walled canyon. Vegetation, soils, geology, hydrology, and wildlife of the mine plan area are typical of the general area.

As mining has been conducted in the area for over 50 years with rather minimal impact to the environmental resources, it is expected that continued operation of the Trail Mountain Mine will also have minimal impact. Impacts are expected to be minimal due to implementation of mining practices which incorporate sound and practical environmental considerations in the mine planning process.

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b. Coal

(i) State of Utah
Division of State Lands and Forest
Three Triad Center, Suite 400
355 West North Temple
Salt Lake City, Utah 84180

(ii) United States of America
Dept. of Interior
Bureau of Land Management
Moab District
P.O. Box AB
Price, Utah 84501

(iii) PacifiCorp
201 South Main, Suite 2100
Salt Lake City, Utah 84140-0021

2.2.3 Holders of Leasehold Interests in Surface Area and of Coal Rights. The holder of record of leasehold interests in areas to be affected by surface operations of facilities and the holders of record of any leasehold interest in the coal to be mined is shown below:

a) Leasehold interest in surface:

None.

b) Leasehold interest in coal:

PacifiCorp	
State Coal Lease No.	ML-22603
Federal Coal Lease No.	U-49332
	U-082996
	UTU-64375

2.2.4 Purchaser of Record Under a Real Estate Contract for Surface Area or Coal. Any purchaser of record under a real estate contract of area to be affected by surface operations and facilities and any purchaser of record under a real estate contract of the coal to be mined:

None.

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P.O. Box Ab
Price, Utah 84501

ii) Corporation of the Presiding
Bishop of the Church of Jesus Christ
of Latter-Day Saints
50 East North Temple
Salt Lake City, Utah 84111

iii) PacifiCorp
201 South Main, Suite 2100
Salt Lake City, Utah 84140

2.2.10 Mine Name and MSHA Identification. The name of the proposed mine and the Mine Safety and Health Administration identification number for the mine and all sections:

a) Mine Name

Trail Mountain Mine (formerly Trail Mountain No. 9 Mine)

b) MSHA Identification Number

42-01211

2.2.11 Applicant's Interest in Areas Contiguous to Proposed Permit Area. A statement of all lands, interests in lands, options or pending bids on interests held or made by the applicant for lands which are contiguous to the area to be covered by the permit:

Applicant currently holds two Federal Coal leases (U-083066 and U-47978) portions of which are contiguous to the Trail Mountain Mine permit area.

The Applicant has also filed an application for leasing under the Lease-on-Application procedures for the Cottonwood Canyon/North Trail Mountain area which is contiguous to the current Trail Mountain Mine Permit Area.

2.3 Compliance Information.

2.3.1 Status of Mining Permits or Bonds. A statement of whether the applicant, any subsidiary, affiliate or person controlled by or under common control has had any federal or state mining permits suspended or revoked in the last five years or has forfeited a mining bond or security deposit:

The Applicant has never had a federal or state mining permit suspended or revoked nor forfeited a mining bond or similar

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2.4 Right of Entry and Operation Information. A description of the documents upon which the applicant bases its legal right to enter and begin underground coal activities in the permit area and whether the rights are the subject of pending litigation. For underground activities where operations involve the surface mining of coal, evidence of the right to surface mine must be provided:

a) Documents Established Rights

(i) United States Coal Lease No. U-082996 dated effective July 1, 1962, covering the following land:

T. 17 S., R. 6 E., S.L.B. & M.
Section 25: E1/2E1/2SW1/4, SW1/4SE1/4:

(ii) United States Coal Lease No. U-49332 dated effective March 1, 1983, covering the following land:

T. 17 S., R. 6 E., S L.B. & M.

Section 25:	S1/2NW1/4, W1/2SW1/4, W1/2E1/2SW1/4.
Section 26:	SE1/4NE1/4, E1/2SW1/4NE1/4, E1/2SE1/4, E1/2W1/2SE1/4,
Section 35:	Lots 1 and 2, SE1/4NE1/4, E1/2SW1/4NE1/4, E1/2SE1/4, E1/2W1/2SE1/4:

(iii) State of Utah Coal Lease No. ML-22603 dated effective February 8, 1965, covering the following land:

T. 17S, R 6 E., S.L.B. & M.
Section 36: All:

(iv) Private Land obtained under Warranty Deed dated September 30, 1992 from Mountain Coal Company to PacifiCorp, covering the following lands:

T. 17 S., R. 6 E., S.L.B. & M.
Section 25: Beginning at the SW corner of the NW1/4SE1/4, then north 160 rods, then east 44 rods to the centerline of Cottonwood Creek, then south along the

centerline to a point 76 rods east of the point of beginning then west 76 rods to the point of beginning.

(v) United States Coal Lease No. UTU-64375 dated effective June 30, 1990, covering the following lands:

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T. 17 S., R. 6 E., S.L.B. & M.

Section 26:	S1/2SW1/4, W1/2SW1/4SE1/4;
Section 27:	S1/2S1/2;
Section 34:	All;
Section 35:	Lots 3 and 4, W1/2SW1/4NE1/4, S1/2NW1/4,SW1/4,W1/2W1/2SE1/4.

T. 18 S., R. 6 E., S.L.B. & M.

Section 1:	Lots 1 thru 8, S1/2N1/2, E1/2NE1/4SW1/4, E1/2NW1/4NE1/4SW1/4, N1/2NW1/4NE1/4SE1/4, N1/2NW1/4SE1/4;
Section 2:	Lots 1 thru 8, S1/2N1/2, N1/2NE1/4SW1/4,N1/2SW1/4NE1/4SW1/4, SE1/4NE1/4SW1/4, N21/4NE1/4SE1/4, N1/2SW1/4NE1/4SE1/4, N1/2NW1/4SE1/4, N1/2S1/2NW1/4SE1/4
Section 3:	Lots 1, 2 and 8, NE1/4SE1/4NE1/4

T. 18 S., R. 7 E., S.L.B. & M.

Section 6:	Lots 4 thru 7, W1/2SE1/4NW1/4, S1/2E1/2SW1/4

containing 2,630.81 acres more or less.

b) Pending Litigation

None.

c) Surface Mining Rights

None.

2.5 Relationship to areas Designated Unsuitable for Mining. The

relationship of the permit area to possible areas designated as being unsuitable for mining, whether an exemption is claimed under the regulations, and whether surface operations will be conducted within 300 feet of occupied dwellings:

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a) Areas Designated Unsuitable for Mining

The proposed permit area is not within an area designated unsuitable for the surface effects of underground coal mine activities under R645. Neither is the proposed permit area under study for designation in an administrative proceeding initiated under those parts. Mining would not affect renewable resource lands and would not result in substantial losses of food, fiber, or water supply. The permit area contains no prime farmland or merchandisable timber. Mining would not affect natural hazard lands and thereby endanger life and property. In addition, the permit area includes no cemeteries, no national trails, no wild and scenic rivers, no wilderness or wilderness study areas, and no sufficient harvestable forest cover.

b) Exemption

The applicant does not claim exemption.

c) Dwellings

There are no occupied dwellings within 5 miles of the proposed permit area.

2.6 Permit Term Information. The number of surface acres to be affected and the horizontal and vertical extent of the workings:

a) Surface Acres Affected

The number of surface acres to be disturbed by the operation is 10.02 acres. In addition, the entire 4045.78 acres of the permit area has some potential to be affected by underground mining.

b) Horizontal Extent of Underground Workings

All 4045.78 acres of the permit area will be affected by underground development.

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days from the date of last publication of this notice.

The area to be mined is contained on the U.S.G.S. 7.5 minute "Mahogany Point" quadrangle map. A map depicting the general area of the Trail Mountain Mine is published herewith.

Approximately 4,045 acres are contained in the permit area described as follows:

Township 17 South, Range 6 East, SLB&M

Section 25: E1/2E1/2SW1/4, SW1/4SE1/4, S1/2NW1/4, W1/2SW1/4,W1/2E1/2SW1/4

Beginning at the SW corner of the NW1/4SE1/4, then north 160 rods, then east 44 rods to the centerline of Cottonwood Creek, then south along the centerline to a point 76 rods east of the point of beginning then west 76 rods to the point of beginning.

Section 26: SE1/4NE1/4, E1/2SW1/4NE1/4, E1/2SE1/4, E1/2W1/2SE1/4, S1/2SW1/4, W1/2SW1/4SE1/4

Section 27: S1/2S1/2

Section 34: All

Section 35: Lots 1, 2, 3 and 4, SE1/4NE1/4, E1/2SW1/4NE1/4, E1/2SE1/4,E1/2W1/2SE1/4, W1/2SW1/4NE1/4, S1/2NW1/4, SW1/4, W1/2W1/2SE1/4

Section 36: All

Township 18 South, Range 6 East, SLB&M

Section 1: Lots 1 thru 8, S1/2N1/2, E1/2NE1/4SW1/4, E1/2NW1/4NE1/4SW1/4, N1/2NW1/4NE1/4SE1/4, N1/2NW1/4SE1/4

Section 2: Lots 1 thru 8, S1/2N1/2, N1/2NE1/4SW1/4, N1/2SW1/4NE1/4SW1/4, SE1/4NE1/4SW1/4, NE1/4NE1/4SE1/4, N1/2SW1/4NE1/4SE1/4, N1/2NW1/4SE1/4, N1/2S1/2NW1/4SE1/4

PacifiCorp
Trail Mountain Mine

Section 3: Lots 1, 2 and 8, NE1/4SE1/4NE1/4

Township 18 South, Range 7 East, SLB&M

Section 6: Lots 4 thru 7, W1/2SE1/4NW1/4, S1/2E1/2SW1/4

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TABLE 3-1

RECOVERABLE RESERVES

LEASE AREA	IN-PLACE TONS	RECOVERABLE TONS
FEDERAL LEASE U-49332	4,361,837	973,002
FEDERAL LEASE U-082996	276,954	93,618
FEDERAL LEASE U-64375	45,404,832	25,082,101
STATE LEASE ML-22603	1,035,160	0

TOTAL RECOVERABLE TONS ASSIGNED TO TRAIL MOUNTAIN 26,058,721

FOURTH AND FIFTH EAST DEVELOPMENT ONLY 25,126

FIFTH EAST LONGWALL PANEL ONLY 286,574

INCORPORATED
EFFECTIVE:
DEC 11 1996
UTAH DIVISION OIL, GAS AND MINING
PRICE FIELD OFFICE

SUPERSEDED
EFFECTIVE:
AUG 0 2 1997
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ESTIMATE OF COAL RESERVES
TRAIL MOUNTAIN MINE
(12/22/95)
Revised 10/1/96

BLM TRACT DELINEATION SUMMARY

RESERVE DESCRIPTION		**LEASE U-64375**
. IN-PLACE RESERVES; BLM TRACT DELINEATION (1990)	----------	49,000,000t
. MINEABLE RESERVES; BLM TRACT DELINEATION (1990)	----------	34,800,000t
. RECOVERABLE RESERVES; BLM TRACT DELINEATION (1990)	----------	12,200,000t

ENERGY WEST RESERVE ESTIMATE SUMMARY

RESERVE DESCRIPTION		**LEASE U-64375**
. IN-PLACE RESERVES; ENERGY WEST EST. - PRIOR TO 1990	----------	45,404,832t
. MINEABLE RESERVES; ENERGY WEST EST. - PRIOR TO 1990	----------	39,794,850t
. ESTIMATED "ARCO/ MTN. COAL" RECOVERY (1990-1992)	----------	495,813t
. ESTIMATED "ENERGY WEST" RECOVERY (NOV./94 - NOV./95)	----------	1,079,199t
. PROJECTED "ENERGY WEST" RECOVERY (DEC./95 - 2002)	----------	**23,507,089t**
. TOTAL EST. RECOVERY FEDERAL LEASE U-64375	----------	**25,082,101t**

OTHER FEDERAL LEASES RESERVE DESCRIPTION	**U-49332**	**U-082996**	**ML-22603**	**TOTALS**
. IN-PLACE RESERVES (EST. 1995)	4,361,837t	276,954t	1,035,160t	
. MINEABLE RESERVES (EST. 1995)	4,310,698t	276,954t	0t	
. EST. REC.RESERVES (EST. 1995)	973,002t	93,618t	0t	
. TOTAL EST. RECOVERY FEDERAL LEASES U-49332, U-082996, ML-22603	----------		1,066,620t	

INCORPORATED
EFFECTIVE:
DEC 11 1996
UTAH DIVISION OIL, GAS AND MINING
PRICE FIELD OFFICE

SUPERSEDED
EFFECTIVE:
AUG 0 2 1997
UTAH DIVISION OIL, GAS AND MINING

3.3.7.2 ACREAGE AND DELINEATION

As described in Chapter II, the mine plan area consists of approximately 4045.78 acres of fee, federal and state land. State land totals 640 acres and federal land consists of two leases totaling 3352.28 acres. The remainder of the mine plan area is fee land held by PacifiCorp .

3.4 ENVIRONMENTAL PROTECTION

This section addresses the environmental concerns and impact of the mining operation. The aspects of land-use, cultural resources, hydrology, soils, vegetation, fish and wildlife, air quality, subsidence, and waste disposal are addressed. Each aspect is addressed in terms of projected impacts and control measures. For those aspects that warrant it (hydrology, vegetation, fish and wildlife, air quality, and subsidence) a discussion of monitoring procedures are also included.

3.4.1 PRESERVATION OF LAND USE

The post-mining land-use of the Trail Mountain Mine, owned by PacifiCorp, are anticipated to remain the same as the pre-mining land-uses of grazing, wildlife habitat and recreation. A full discussion of these uses area found in Chapter IV.

Following completion of the mining operations, the mine site will be reclaimed and revegetated. The area will be graded, scarified, and seeded before the next growing season. The seed mixtures to be used are discussed in Chapter 9 and Section 3.5 of this Chapter.

The site will receive treatments of fertilizer and additional seedings until it is determined stable for the bond release period.

During low run off, the stream diversion culvert will be removed and the stream channel will be restored. No reclamation work is contemplated on the access road to the site. This road

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4.1 SCOPE

This chapter of the mining and reclamation plan describes the status of lands in and adjacent to the mine plan area. Present and post-mining land-uses will also be discussed with emphasis on how mining can be integrated in the multiple land-use of the area.

4.2 METHODOLOGY

Information used in preparing this chapter of the mining and reclamation plan has been gathered from published sources and from discussions with the relevant land-management agencies.

4.3 LAND STATUS

4.3.1 Mine Plan Area Surface Land Status. Land status within the Trail Mountain mine plan area is separated into three areas: private, state and federal. (See Figure 4-1.)

4.3.1.1 Ownership. PacifiCorp owns 53.35 acres of private land surrounded by federal land of the Manti-LaSal National Forest. Ownership of land was obtained by Beaver Creek Coal Company in October, 1987, through purchase of the mine from the Arch Minerals Company of St. Louis, MO. A legal description of the extent of the property is given below:

> Beginning point SW corner of NW1/4 SE1/4, Sec. 25, T17S, R6E, SLB&M, thence North 160 rods, thence East 44 rods to center Cottonwood Creek, Southward along creek to a point 76 rods East of the beginning, thence West 76 Rods to the point of beginning.

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4.3.1.2 Surface Managing Authorities. The remainder of the surface lands of the mine plan area are managed by the State of Utah, Division of State Lands and United States of America, US Forest

Section 36, Township 17 South, Range 6 East, part of the mine plan area, is managed by the Utah Division of State Lands, Township 17 South, Range 6 East, Section 25, East 1/2 of the East 1/2 of the Southwest 1/4 and Southwest 1/4 of the Southwest 1/4 is managed by the Manti-LaSal National Forest, US Forest Service.

4.3.1.3 Special Use Permits and Leases. The US Forest Service Manti-LaSal National Forest has issued a special use permit to the Trail Mountain Mine for a right-of-way to the mine property. As discussed previously, the Trail Mountain Mine is surrounded by Forest Service land, therefore the special use permit was required. A copy of the permit can be found in Appendix 4-1.

4.3.2 Mineral Ownership

4.3.2.1 Coal Ownership and Mines. The Trail Mountain Mine is located in an area of intermixed state, federal and fee coal. Figure 4-1 shows the ownership of the area surrounding the mine plan area. Those areas not outlined are unleased federal coal. The only operating mine in the area is the Trail Mountain Mine.

4.3.2.2 Coal Leases. PacifiCorp has been granted federal coal lease #U-082996 for 80 acres and #U-49332 for 641.47 acres in two adjacent blocks. These leases are located in:

Township 17 South, Range 6 East, SLB&M Section 25, (80 acres), and T17S. R6E, Sec. 25, 26 and 35 (641.47 acres). A copy of the lease is found in Appendix 4-2.

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4.3.2.3 Mineral Ownership. Ownership of 53.35 acres of surface and mineral rights is held by PacifiCorp. A description of the extent of the mineral ownership is given below:

"Beginning point SW corner of NW1/4, SE1/4, Section 25, T17S, R6E, SLB&M, Thence North 160 rods, thence East 44 rods, to center of Cottonwood Creek, southward along creek to a point 76 rods east of the beginning, thence West 76 rods to the point of beginning."

4.3.2.4 Mineral Leases. PacifiCorp holds a state mineral lease ML-22603 for 640 acres for all of Section 36, T17S, R6E. A copy of the lease agreement is found in Appendix 4-2.

4.3.2.5 Oil and Gas Wells. No oil and gas wells have been or are presently being drilled on or adjacent to the mine plan area.

4.3.2.6 Oil and Gas Leases. Oil and gas lease are held on the mine plan area. A state lease ML-31104 is held by Placid Oil Company, filed in September, 1974. Leases held on federal land are shown in Table 4-1.

4.4 Land Use

4.4.1 Regional Land Use. Traditionally land use in the Wasatch Plateau has been mining, grazing, recreation, wildlife habitat and timber harvesting. Generally land management of the plateau has been controlled by the Manti-LaSal National Forest due to the large portion of the plateau within the forest boundaries.

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6.6.4 Coal Reserves

6.6.4.1 Reserve Calculations. Mine measurements, outcrop measurements and thicknesses penetrated in drill holes were used to construct a mineable coal isopach map of the Hiawatha seam. (See Plate 6-5 Isopach Map - Hiawatha Seam).

No reserves were calculated within 100 feet of property lines. Minimum coal thickness used is 5 feet for in-place and 6 feet for recoverable reserves. Various recovery factors were used reflecting mining conditions and mine development areas. Coal density of 80 lbs/ft^3 was used. Reserve estimates are shown on Table 6-1.

TABLE 6-1 RESERVES

TRAIL MOUNTAIN RESERVES		
LEASE AREA	IN-PLACE TONS	RECOVERABLE TONS
FEDERAL LEASE U-49332	4,666,670	973,002
FEDERAL LEASE U-082996	276,954	93,618
FEDERAL LEASE U-64375	44,874,379	20,167,382
STATE LEASE ML-22603	1,035,160	0
TOTAL	**50,853,163**	**21,234,002**

FIGURE 3-2

CULINARY WATER SYSTEM

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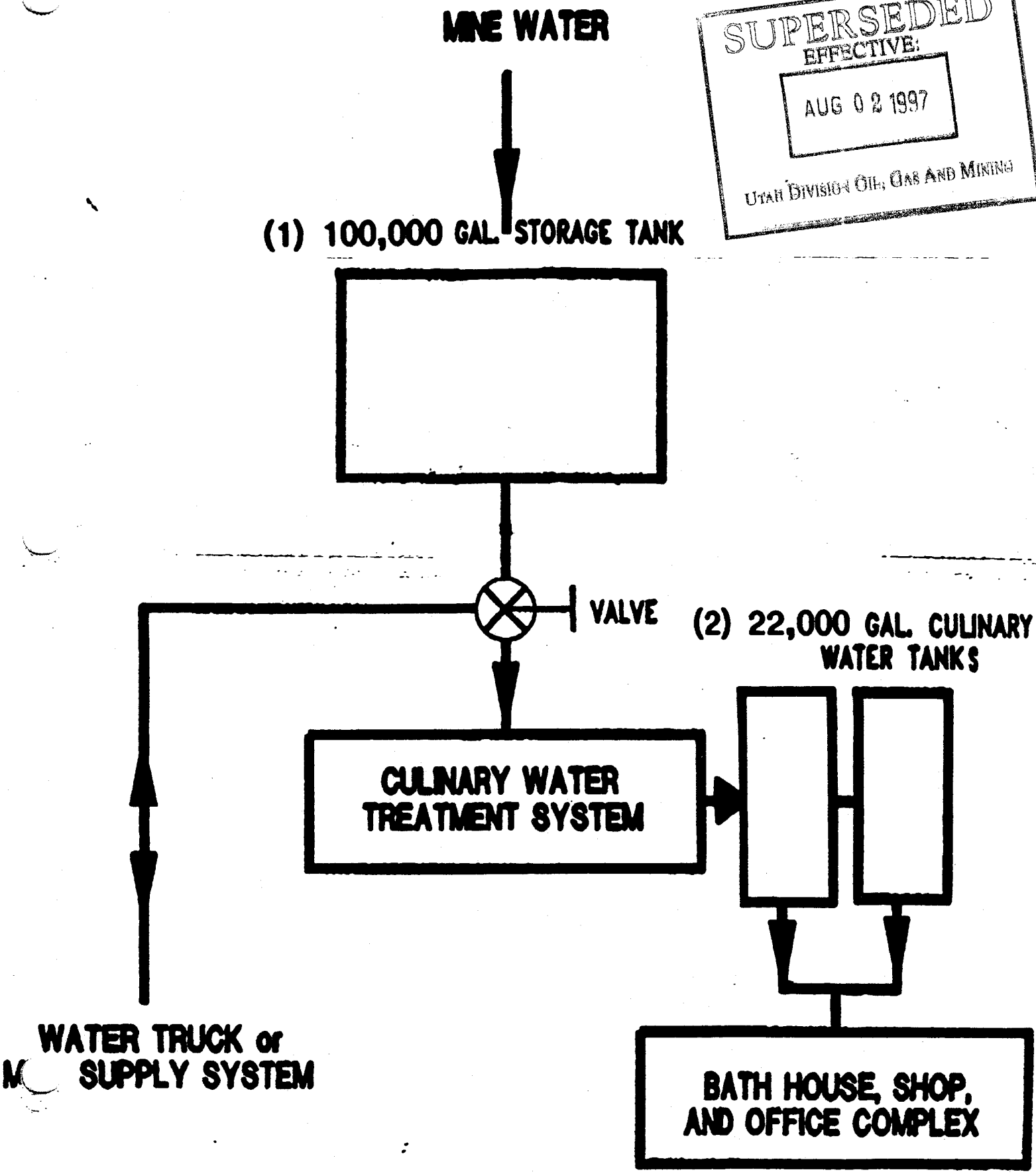
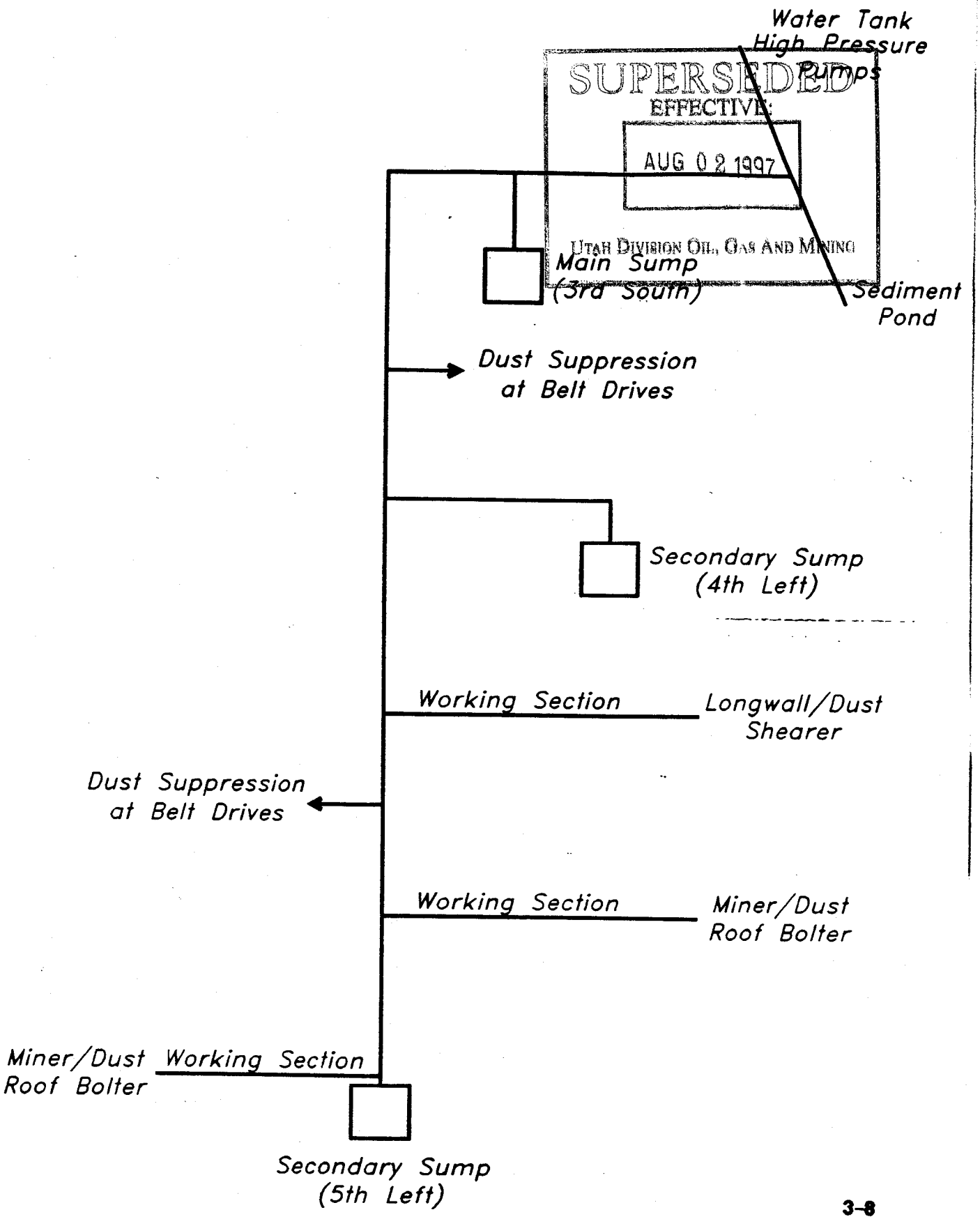
AUG 0 2 1997
UTAH DIVISION OIL, GAS AND MINING



TRAIL MOUNTAIN MINE
TYPICAL UNDERGROUND WATER SYSTEM



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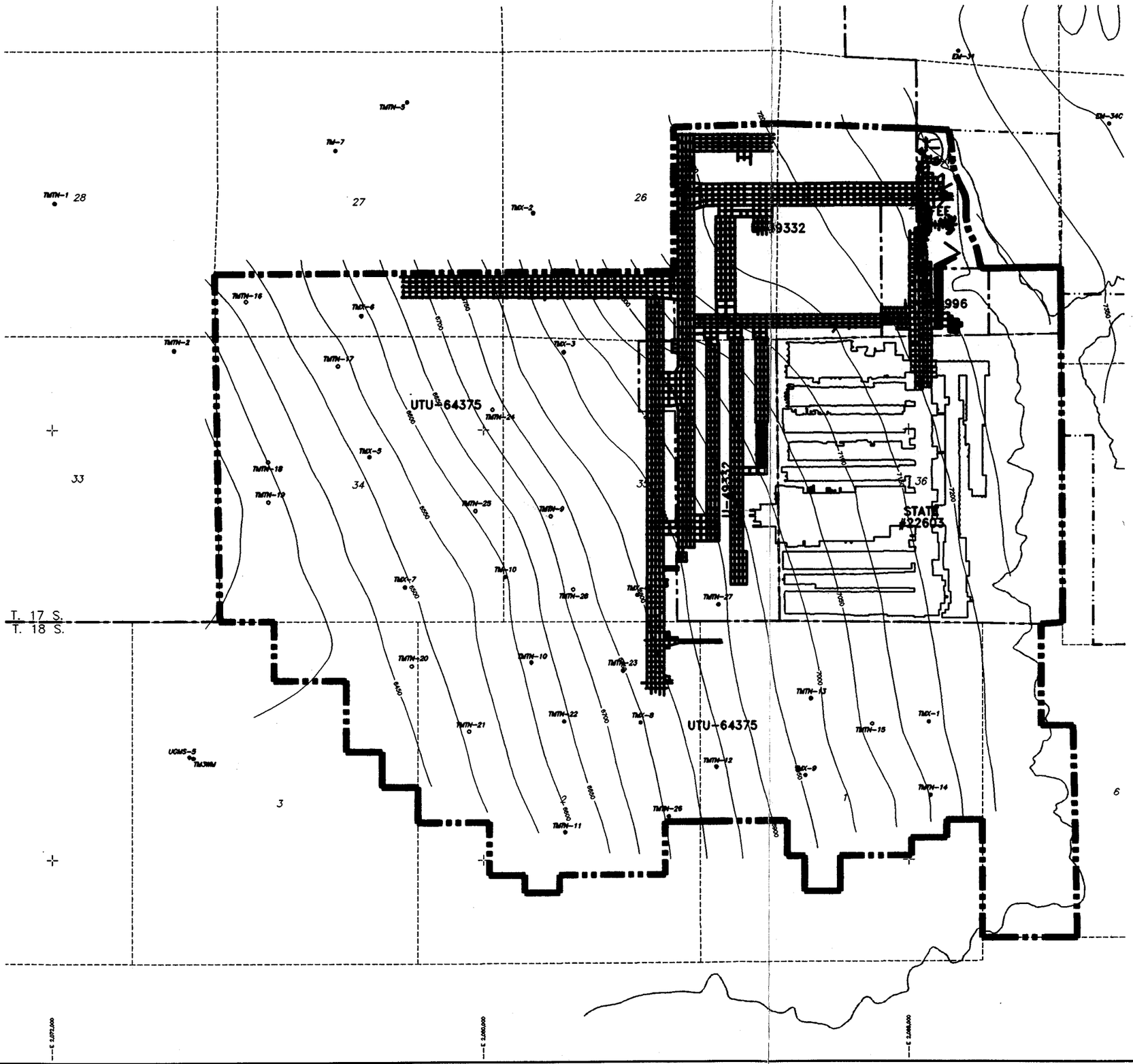
UTAH DIVISION OIL, GAS AND MINING

FIGURE 3-3



I, JOHN CHRISTENSEN BEING A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF UTAH, DO HEREBY CERTIFY THAT THE INFORMATION CONTAINED ON THIS DRAWING IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

JOHN CHRISTENSEN NO. 165651 DATE 5/26/95

LICENSED PROFESSIONAL ENGINEER
JOHN CHRISTENSEN
No. 165651
STATE OF UTAH

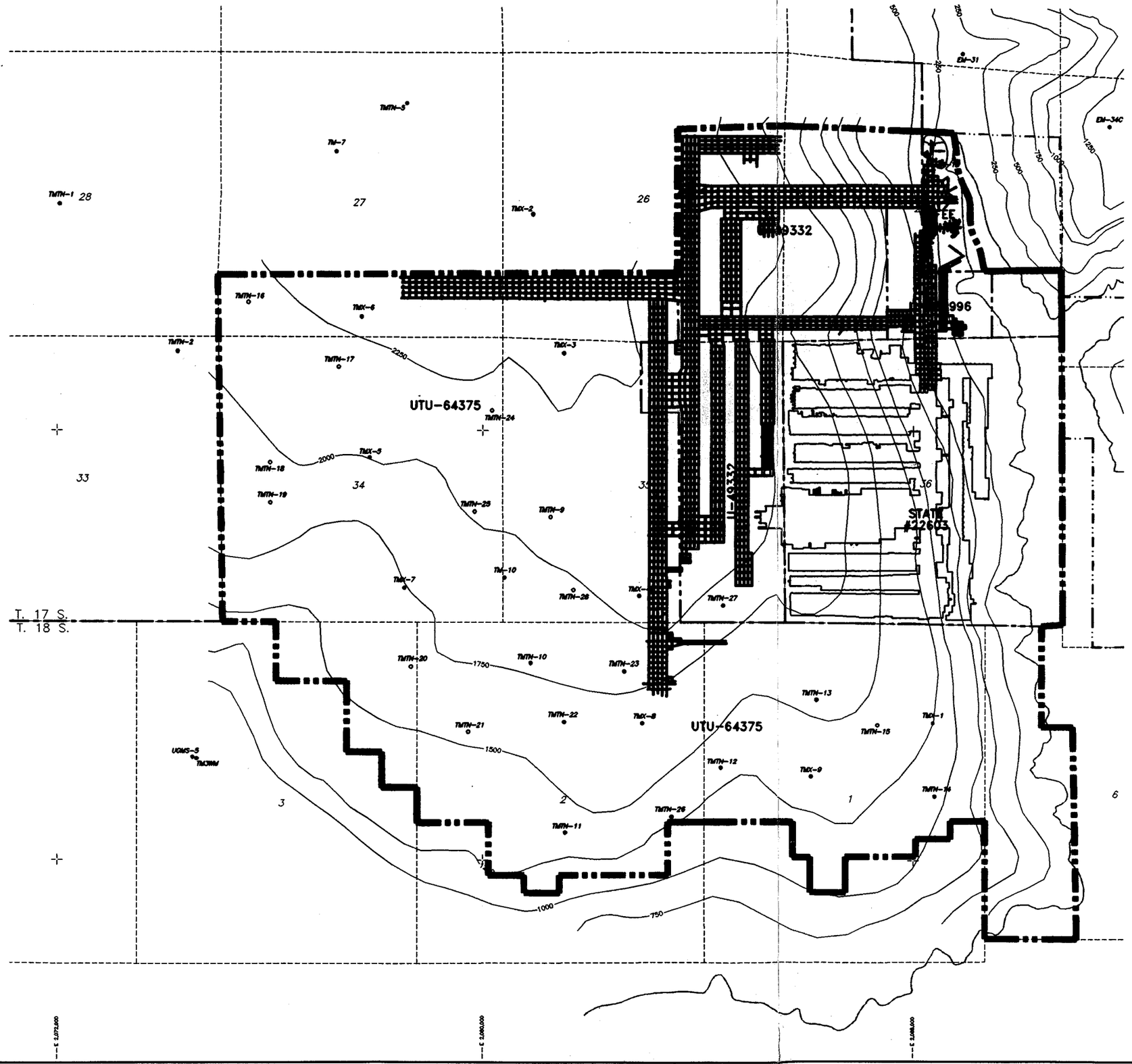
SUPERSEDED
EFFECTIVE:
AUG 0 2 1997
UTAH DIVISION OIL, GAS AND MINING

CAD FILE NAME/DISK#: BASE123

ENERGY WEST
MINING COMPANY
HUNTINGTON, UTAH 84528

TRAIL MOUNTAIN MINE
HIAWATHA SEAM
STRUCTURAL CONTOUR MAP

DRAWN BY: K. LARSEN	PLATE 6-3	
SCALE: 1"=2000'	DRAWING #:	
DATE: MAY 26, 1995	SHEET 1 OF 1	REV. ___



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JOHN CHRISTENSEN NO. 165651 DATE 5/26/95

LICENSED PROFESSIONAL ENGINEER
JOHN CHRISTENSEN
No. 165651
STATE OF UTAH

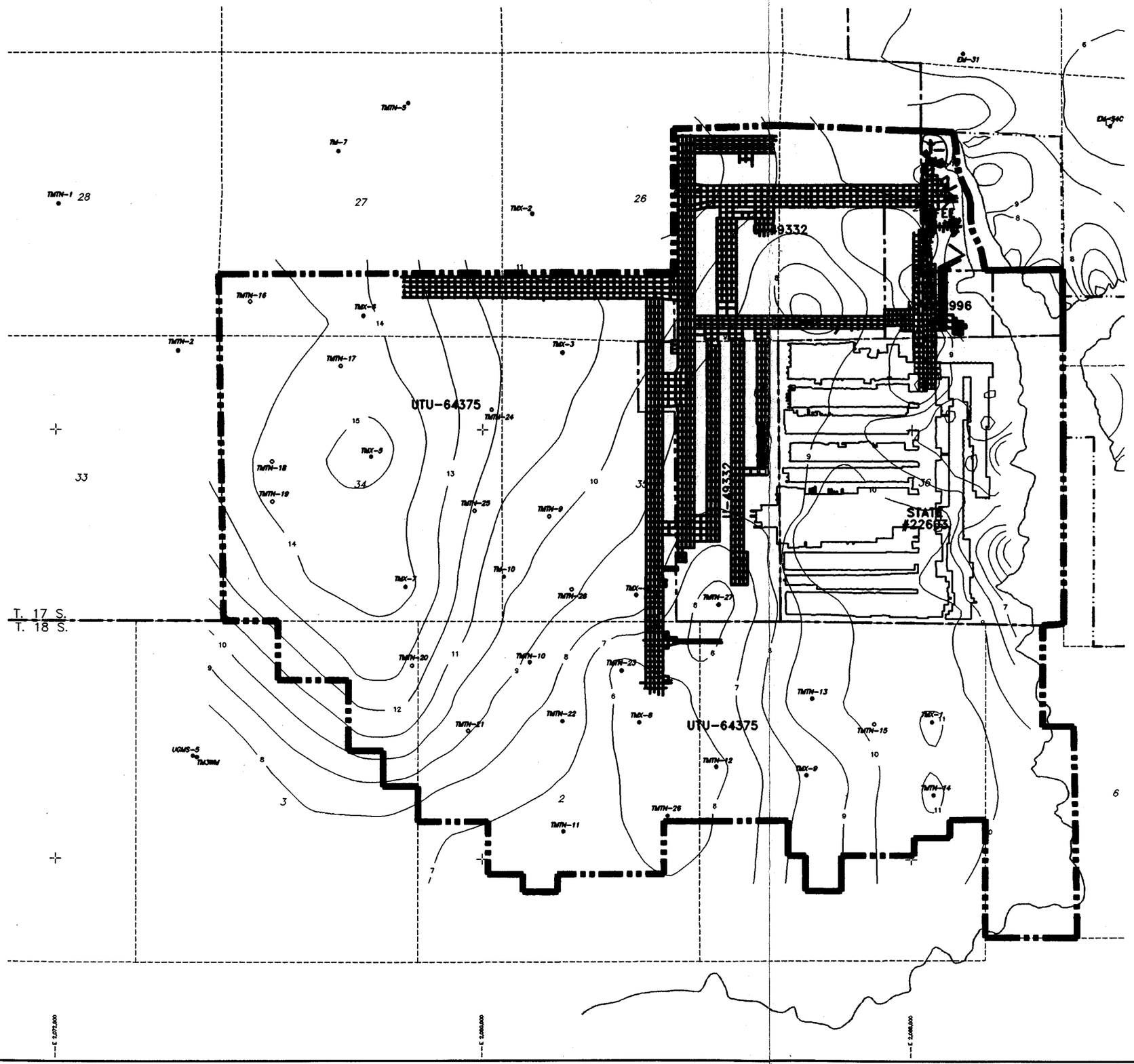
SUPERSEDED
EFFECTIVE:
AUG 02 1997
UTAH DIVISION OIL, GAS AND MINING

CAD FILE NAME/DISK#: BASE123

ENERGY WEST
MINING COMPANY
HUNTINGTON, UTAH 84528

TRAIL MOUNTAIN MINE
HIAWATHA SEAM
OVERBURDEN ISOPACH MAP

DRAWN BY: K. LARSEN	PLATE 6-4	
SCALE: 1"=2000'	DRAWING #:	
DATE: MAY 26, 1995	SHEET 1 OF 1	REV.



I, JOHN CHRISTENSEN BEING A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF UTAH, DO HEREBY CERTIFY THAT THE INFORMATION CONTAINED ON THIS DRAWING IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

JOHN CHRISTENSEN NO. 165651 DATE 5/26/95

LICENSED PROFESSIONAL ENGINEER
JOHN CHRISTENSEN
No. 165651
STATE OF UTAH

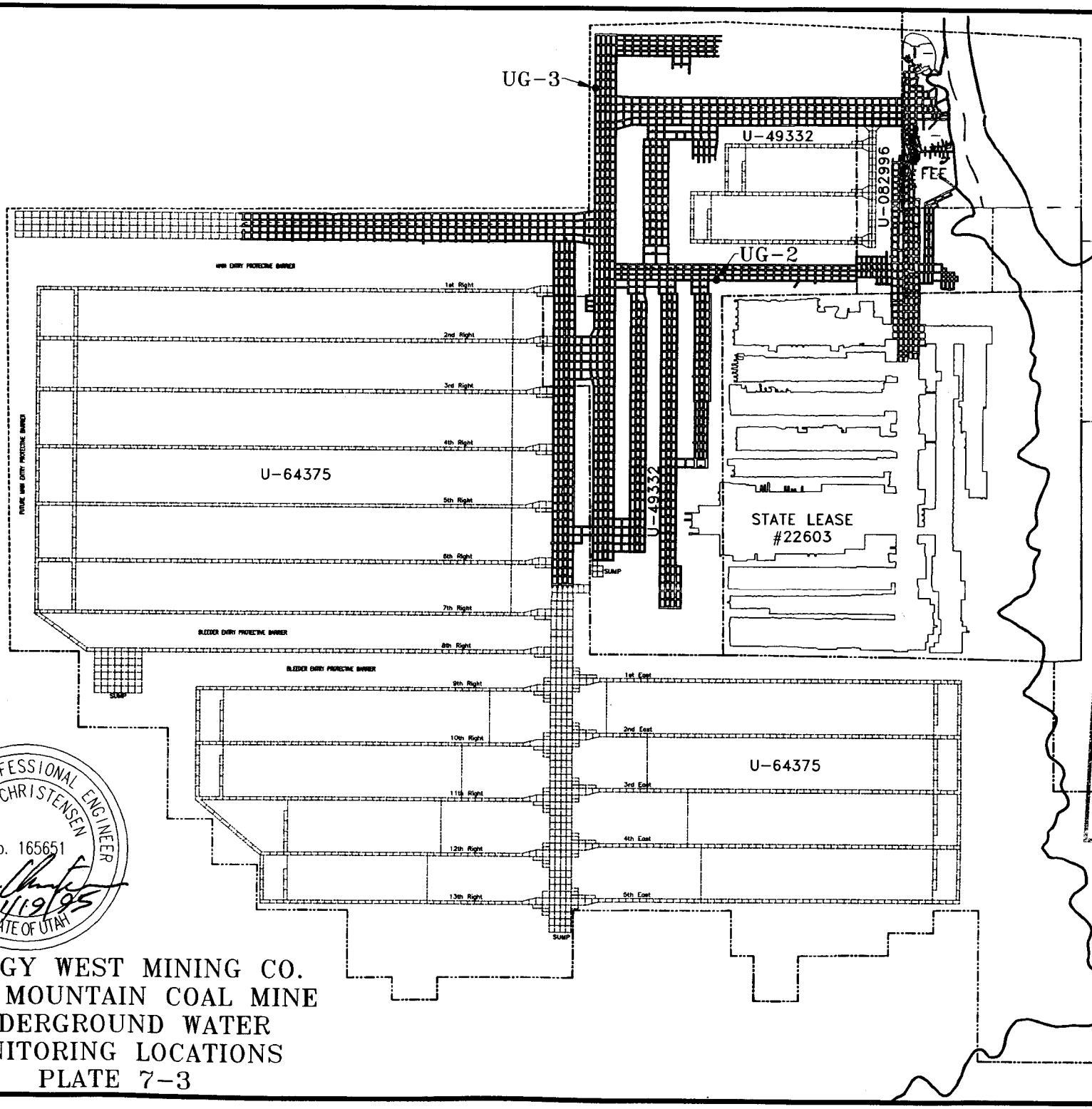
SUPERSEDED
EFFECTIVE:
AUG 02 1997
UTAH DIVISION OIL, GAS AND MINING

CAD FILE NAME/DISK#: BASE123

ENERGY WEST
MINING COMPANY
HUNTINGTON, UTAH 84528

TRAIL MOUNTAIN MINE
HIAWATHA SEAM
ISOPACH MAP

DRAWN BY:	K. LARSEN	PLATE 6-5	
SCALE:	1"=2000'	DRAWING #:	
DATE:	MAY 26, 1995	SHEET 1 OF 1	REV.



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EFFECTIVE:
AUG 02 1997

UTAH DIVISION OIL, GAS AND MINING

LICENSED PROFESSIONAL ENGINEER
JOHN CHRISTENSEN
No. 165651
1/19/95
STATE OF UTAH

ENERGY WEST MINING CO.
TRAIL MOUNTAIN COAL MINE
UNDERGROUND WATER
MONITORING LOCATIONS
PLATE 7-3

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

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

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

September 5, 1997

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

Re: Finalization of the Incidental Boundary Change, PacifiCorp, Trail Mountain Mine, ACT/015/009-96J, Folder #3, Emery County, Utah

Dear Mr. Semborski:

Thank you for your submittal of the additional seven copies of the referenced amendment. A stamped approved copy is enclosed for insertion into your Mining and Reclamation Plan. If you have any questions, please call.

Sincerely,

Joseph C. Helfrich
Permit Supervisor

tat
Enclosure
cc: Ranvir Singh, OSM
Richard Manus, BLM
Janette S. Kaiser, US Forest Service
Mark Page, Water Rights, w/o
Dave Ariotti, DEQ, w/o
Bill Bates, DWR, w/o
Bill Malencik, DOGM, w/o
Price Field Office
O:\015009.TMT\FINAL\APPRVAL.96J

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

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

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

February 21, 1997

Chuck A. Semborski
Environmental Supervisor
Energy West Mining Co.
P.O. Box 310
Huntington, UT 84528

Re: Extension Granted, Incidental Boundary Change, PacifiCorp, Trail Mountain Mine, ACT/015/009-96J, Folder #3, Emery County, Utah

Dear Mr. Semborski:

Pursuant to your written request (dated February 10, 1997) for additional time to submit the required information relative to the approved incidental boundary change (including maps which are being converted to AutoCad), an extension is granted until March 31, 1997.

If you have any questions, please call me.

Sincerely,

Pamela Grubaugh-Littig
Permit Supervisor

cc: Daron Haddock
Bill Malencik,PFO

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

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

January 17, 1997
(Amended Approval Letter)

Chuck Semborski
Environmental Supervisor
Energy West/PacifiCorp
P.O. Box 310
Huntington, UT 84528

Re: Approval of Incidental Boundary Change (Effective January 13, 1997), Trail Mountain Mine, PacifiCorp, ACT/015/009-96J, Folder #3, Emery County, Utah

Dear Mr. Semborski:

The incidental boundary change submitted December 20, 1996 is approved for development only as per the BLM letter dated January 10,1997. Longwall mining is conditioned upon the implementation of the lease modification and approved R2P2. Per the original letter, please sign both permits that include this incidental boundary change and return one to the Division.

Additionally, please submit seven copies of this permit change in a form that can be incorporated into the mining and reclamation plan by February 10,1997. If you have any questions, please call Daron Haddock or Pamela Grubaugh-Littig.

Yours very truly,

James W. Carter
Director

cc: Mary Ann Wright
Pamela Grubaugh-Littig
Daron Haddock
Joe Helfrich
Bill Malencik, PFO

OPTIONAL FORM 99 (7-90)

FAX TRANSMITTAL # of pages ►

To PAM GRUBAUGH-LITTIG	From R. SINGH
Dept./Agency DOGM	Phone # 303-844-1489
Fax # 801-359-3940	Fax # 303-844-1538

NSN 7540 01-317-7368 5099-101 GENERAL SERVICES ADMINISTRATION

January 8, 1997

UT-0017

Ms. Pamela Grubaugh-Littig
Division of Oil, Gas and Mining
1594 West ~~Not~~ North Temple, Suite 1210
Salt Lake City, UT 84114-5801

Dear Ms. Grubaugh-Littig:

This relates to ~~Pacific Corporation's~~ PacifiCorp's application dated December 20, 1996, for Permit Change-Incidental Boundary Change, Trail Mountain Mine, Emery County, UT, and to your request of December 30, 1996, for a determination whether or not the permit revision that you intend to approve, would constitute a mining plan modification for Federal coal lease UTU-64375.

We have reviewed the application and noted that on December 11, 1996, ~~Pacific Corp.~~ PacifiCorp requested the Utah State Office of the Bureau of Land Management for a modification of Federal coal lease UTU-64375. The applicant has proposed to extend the lease boundary to add 133.2 acres to the current lease. It is our understanding that the BLM intends to approve the lease modification and modify the resource recovery and protection plan.

The proposal would enable the applicant to mine additional 490,000 tons of coal from approximately 38.17 acres out of 133.2 acres of the lease modification area. The applicant contends that if this coal is not mined at this time, it will be bypassed and that there is no other viable or potential operation that could logically mine the area.

The applicant ~~has submitted~~ in the application states that the current subsurface area disturbed by mining at the Trail Mountain Mine is approximately 2,000 acres. The additional subsurface area (38.17 acres) proposed to be mined is less than 2% of current area disturbed by mining (2,000 acres).

We have evaluated the proposal contained in the application pursuant to the requirements of 30 CFR 746.18. We have determined that a permit revision by DOGM for the proposal would not constitute a mining plan modification because the proposed change in the location or amount of coal to be mined is a result of an incidental boundary change as authorized in 30 CFR 746.18(d)(3)(ii).

If you have any question regarding this determination, please contact me at(303)844-1489.

Sincerely yours,

Ranvir Singh, P.E.
Program Support Division

LEGAL NOTICE
Decision Notice
for
Modification of Federal Coal Lease U-64375
USDA Forest Service, Intermountain Region (R-4)
Manti-La Sal National Forest
Ferron/Price Ranger District
Emery County, Utah

On December 17, 1996 Janette S. Kaiser, Forest Supervisor of the Manti-La Sal National Forest, decided to consent to modification of Federal Coal Lease U-64375 by the Bureau of Land Management and to make a corresponding non-significant amendment to the Manti-La Sal National Forest Land and Resource Management Plan, 1986 (Forest Plan). The lease is held by PacifiCorp and is currently included in the permit area for the Trail Mountain Mine. The lease modification will add 133.2 acres of National Forest System lands to the current lease along the southwest corner. The purpose is to recover an additional 490,000 tons of recoverable coal reserves that would otherwise not be mined.

The lease modification contains the following lands:

T. 18 S., R. 6 E., SLM, Emery County, Utah
Section 3: Lot 3, E 1/2 of Lot 6, Lot 7,
NE 1/4 SW 1/4 NE 1/4, NW 1/4 SE 1/4 NE 1, S 1/2 SE 1/4 NE 1/4

This decision was based on the Environmental Assessment conducted to evaluate the original lease tract for leasing (Environmental Assessment for Beaver Creek Coal Company Coal Lease Application UTU-64375, 1990) and supplemental environmental analyses. No new issues were identified during the public scoping process.

Copies of the Decision Notice and Finding of No Significant Impact and the associated Environmental Assessments are available upon request from Manti La Sal National Forest, 599 West Price River Drive, Price, Utah 84501. Any questions or requests can be directed to Carter Reed, Forest Geologist at the above address or by telephone (801) 637-2817.

This decision may be implemented on or after February 8, 1997.

Appeal Rights and Process

This decision is subject to appeal under 36 CFR Part 215. Permit holders who may be affected by this decision have the choice to appeal under 36 CFR 215 or 36 CFR 251. Decisions regarding the Forest Plan may be appealed under 36 CFR 215 or 36 CFR 217.

This decision is subject to administrative review by the Regional Forester pursuant to the above regulations. Any written appeal must be postmarked or received by the Appeal Deciding Officer, Dale N. Bosworth, Regional Forester - Intermountain Region, 324 25th. Street, Ogden, UT 84401 on or before January 31, 1997. Appeals must meet the content requirements described in the Code of Federal Regulations, including a statement of reasons for the appeal. We request that you concurrently send a copy of the Notice of Appeal to: Janette S. Kaiser, Forest Supervisor, Manti-La Sal National Forest, 599 West Price River Drive, Price, Utah, 84501.

Published in the Sun Advocate December 17, 1996.

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

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

January 17, 1997
(Amended Approval Letter)

Chuck Semborski
Environmental Supervisor
Energy West/PacifiCorp
P.O. Box 310
Huntington, UT 84528

Re: Approval of Incidental Boundary Change (Effective January 13, 1997), Trail Mountain Mine, PacifiCorp, ACT/015/009-96J, Folder #3, Emery County, Utah

Dear Mr. Semborski:

The incidental boundary change submitted December 20, 1996 is approved for development only as per the BLM letter dated January 10,1997. Longwall mining is conditioned upon the implementation of the lease modification and approved R2P2. Per the original letter, please sign both permits that include this incidental boundary change and return one to the Division.

Additionally, please submit seven copies of this permit change in a form that can be incorporated into the mining and reclamation plan by February 10,1997. If you have any questions; please call Daron Haddock or Pamela Grubaugh-Littig.

Yours very truly,

James W. Carter
Director

cc: Mary Ann Wright
Pamela Grubaugh-Littig
Daron Haddock
Joe Helfrich
Bill Malencik, PFO

FEDERAL

PERMIT
ACT/015/009

January 13, 1997

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801
(801) 538-5340

This permit, ACT/015/009, is issued for the State of Utah by the Utah Division of Oil, Gas and Mining (Division) to:

PacifiCorp
P.O. Box 1005
Huntington, Utah 84528
(801) 653-2312

for the Trail Mountain Mine. PacifiCorp is the lessee of federal coal leases U-49332, U-082996, and UTU-64375, State Mineral Lease ML-22603 , and the owner/lessee of certain fee-owned parcels. A Surety Bond is filed with the Division in the amount of $1,000,000, payable to the State of Utah, Division of Oil, Gas and Mining, and the Office of Surface Mining, Reclamation and Enforcement (OSM). The Division must receive a copy of this permit signed and dated by the permittee.

Sec. 1 **STATUTES AND REGULATIONS** - This permit is issued pursuant to the Utah Coal Mining and Reclamation Act of 1979, Utah Code Annotated (UCA) 40-10-1 et seq, hereafter referred to as the Act.

Sec. 2 **PERMIT AREA** - The permittee is authorized to conduct underground coal mining activities on the following described lands within the permit area at the Trail Mountain Mine, situated in the State of Utah, Emery County, and located:

Township 17 South, Range 6 East, SLM

Section 25: S1/2 NW1/4, W1/2 SW1/4, W1/2 E1/2 SW1/4, SW1/4 SE1/4, E1/2 E1/2 SW1/4; Begin at the point of SW corner of NW1/4 SE1/4, thence North 160 Rods, thence East 44 Rods to center of Cottonwood Creek, Southward along creek to a point 76 Rods east of the beginning, thence West 76 Rods to the Point of Beginning.

Section 26: SE1/4 NE1/4, E1/2 SW1/4 NE1/4, E1/2 SE1/4, E1/2 W1/2 SE1/4, S1/2 SW1/4, W1/2 SW1/4 SE1/4;
Section 27: S1/2 S1/2;
Section 34: All;
Section 35: Lots 1, 2, 3 and 4, S1/2NE1/4, SE1/4, SW1/4, S1/2 NW1/4; and
Section 36: All.

Township 18 South, Range 6 East, SLM

Section 1: Lots 1-8, S1/2 N1/2, E1/2 NE1/4 SW1/4, E1/2 NW1/4 NE1/4 SW1/4, N1/2 NW1/4 NE1/4 SE1/4, N1/2 NW1/4 SE1/4;
Section 2: Lots 1-8, S1/2 N1/2, N1/2 NE1/4 SW1/4, N1/2 SW1/4 NE1/4 SW1/4, SE1/4 NE1/4 SW1/4, NW1/4 NE1/4 SE1/4, N1/2 SW1/4 NE1/4 SE1/4, N1/2 NW1/4 SE1/4, N1/2 S1/2 NW1/4 SE1/4; and
Section 3: Lots 1, 2, 3, 6 (E1/2), 7, and 8, and Portions NE1/4SE1/4NE1/4, NE1/4SW1/4NE1/4, S1/2SE1/4NE1/4.

Township 18 South, Range 7 East, SLM

Section 6: Lots 4-7, W1/2 SE1/4 NW1/4, S1/2 E1/2 SW1/4.

This legal description is for the permit area of the Trail Mountain Mine which is approximately 4,178.2 acres. The permittee is authorized to conduct underground coal mining activities and related surface activities on the foregoing described property subject to the conditions of all applicable conditions, laws and regulations.

Sec. 3 **COMPLIANCE** - The permittee will comply with the terms and conditions of the permit, all applicable performance standards and requirements of the State Program.

Sec. 4 **PERMIT TERM** - This permit expires on February 21, 2000.

Sec. 5 **ASSIGNMENT OF PERMIT RIGHTS** - The permit rights may not be transferred, assigned or sold without the prior written approval of the Division Director. Transfer, assignment or sale of permit rights must be

done in accordance with applicable regulations, including but not limited to 30 CFR 740.13{e} and R645-303-300.

Sec. 6 **RIGHT OF ENTRY** - The permittee shall allow the authorized representative of the Division, including but not limited to inspectors, and representatives of the Office of Surface Mining Reclamation and Enforcement (OSM), without advance notice or a search warrant, upon presentation of appropriate credentials, and without delay to:

(a) have the rights of entry provided for in 30 CFR 840.12, R645-400-220, 30 CFR 842.13 and R645-400-110;

(b) be accompanied by private persons for the purpose of conducting an inspection in accordance with R645-400-100 and R645-400-200 when the inspection is in response to an alleged violation reported to the Division by the private person.

Sec. 7 **SCOPE OF OPERATIONS** - The permittee shall conduct underground coal mining activities only on those lands specifically designated as within the permit area on the maps submitted in the approved plan and approved for the term of the permit and which are subject to the performance bond.

Sec. 8 **ENVIRONMENTAL IMPACTS** - The permittee shall take all possible steps to minimize any adverse impact to the environment or public health and safety resulting from noncompliance with any term or condition of the permit, including, but not limited to:

(a) Any accelerated or additional monitoring necessary to determine the nature and extent of noncompliance and the results of the noncompliance;

(b) immediate implementation of measures necessary to comply; and

(c) warning, as soon as possible after learning of such noncompliance, any person whose health and safety is in imminent danger due to the noncompliance.

Sec. 9 **DISPOSAL OF POLLUTANTS** - The permittee shall dispose of solids, sludge, filter backwash or pollutants in the course of treatment or control of waters or emissions to the air in the manner required by the approved

Utah State Program and the Federal Lands Program which prevents violation of any applicable state or federal law.

Sec. 10 CONDUCT OF OPERATIONS - The permittee shall conduct its operations:

(a) in accordance with the terms of the permit to prevent significant, imminent environmental harm to the health and safety of the public; and

(b) utilizing methods specified as conditions of the permit by the Division in approving alternative methods of compliance with the performance standards of the Act, the approved Utah State Program and the Federal Lands Program.

Sec. 11 EXISTING STRUCTURES - As applicable, the permittee will comply with R645-301 and R645-302 for compliance, modification, or abandonment of existing structures.

Sec. 12 RECLAMATION FEE PAYMENTS - The operator shall pay all reclamation fees required by 30 CFR Part 870 for coal produced under the permit, for sale, transfer or use.

Sec. 13 AUTHORIZED AGENT - The permittee shall provide the names, addresses and telephone numbers of persons responsible for operations under the permit to whom notices and orders are to be delivered.

Sec. 14 COMPLIANCE WITH OTHER LAWS - The permittee shall comply with the provisions of the Water Pollution Control Act (33 USC 1151 et seq,) and the Clean Air Act (42 USC 7401 et seq), UCA 26-11-1 et seq, and UCA 26-13-1 et seq.

Sec. 15 PERMIT RENEWAL - Upon expiration, this permit may be renewed for areas within the boundaries of the existing permit in accordance with the Act, the approved Utah State Program and the Federal Lands Program.

Sec. 16 CULTURAL RESOURCES - If during the course of mining operations, previously unidentified cultural resources are discovered, the permittee shall ensure that the site(s) is not disturbed and shall notify the Division. The Division, after coordination with OSM, shall inform the permittee of

necessary actions required. The permittee shall implement the mitigation measures required by Division within the time frame specified by Division.

Sec. 17 APPEALS - The permittee shall have the right to appeal as provided for under R645-300-200.

Sec. 18 SPECIAL CONDITIONS - There are special conditions associated with this permit, as described in Attachment A.

The above conditions (Secs. 1-18) are also imposed upon the permittee's agents and employees. The failure or refusal of any of these persons to comply with these conditions shall be deemed a failure of the permittee to comply with the terms of this permit and the lease. The permittee shall require his agents, contractors and subcontractors involved in activities concerning this permit to include these conditions in the contracts between and among them. These conditions may be revised or amended, in writing, by the mutual consent of the Division and the permittee at any time to adjust to changed conditions or to correct an oversight. The Division may amend these conditions at any time without the consent of the permittee in order to make them consistent with any federal or state statutes and any regulations.

THE STATE OF UTAH

By: _____

Date: Jan 13, 1997

I certify that I have read, understand and accept the requirements of this permit and any special conditions attached.

_____

Authorized Representative of the Permittee

Date: _____

A:\PERMIT.TM9

ATTACHMENT A

Special Conditions

1. R645-301-731.200 Water Monitoring The applicant must monitor quality and quantity of the Star Point aquifer at a point where the flow in the aquifer leaves the permit area. The most likely place to develop this monitoring site is in the area near DH-5 (Figure 6-4). The applicant will be required to develop a well to monitor aquifer parameters, seasonal fluctuation, mining influence and hydrologic tests. This information is requested in accordance with the requirements for water monitoring regulations R645-301-731.200 through R645-301-731.215.

2. Before extending entries to the west beyond the location of hole TMX-6, the operator must drill horizontal holes to determine if significant water could be encountered in the Starpoint/Blackhawk aquifer. If significant water is encountered in the horizontal holes, the operator must stop the advance and notify the Regulatory Authority.

3 PacifiCorp must notify the Division within 14 days of the decisions of the appeals of outstanding cessation order 94-020-370-002, 1 of 1.

4. Mining within the incidental boundary change (ACT/015/009-96J) is approved for development mining only. Approval of longwall mining in the incidental boundary change is conditioned upon approvals by other federal agencies.

Applicant Evaluation Applicant Violator System 10-Jan-1997 14:49:32

State : UT Permit No : ACT015009 Appl No : ACT015009
Applicant : 108521(PACIFICORP) Seqno : 2

SYSTEM RECOMMENDATION IS BASED ON ENTITY OFT

SYSTEM RECOMMENDATION : COND ISSUE 01/10/97
PREVIOUS SYSTEM RECOMMENDATION : COND ISSUE 04/26/95

Records retrieved : 1

ST	PERMIT	RP ID	SEQ	VTYPE	VIOLNO	VIOLDATE
CO	NONE	108521	0	CMIS	C94-020-370-002	09/15/94

RCM_MNT(F7) PERMIT/APPL(F8) REPORTS(F9)
PRV_SCR(F3) VIOL(F4) EVOFT(F5) VOFT(F6) CHOICES(F10)
■ avsdg

15 00

Applicant Evaluation Applicant Violator System 10-Jan-1997 14:49:32

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15 00

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PRV_SCR(F3) VIOL(F4) EVOFT(F5) VOFT(F6) CHOICES(F10)
avsdg

15:00

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WILDLIFE RESOURCES

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Robert G. Valentine
Division Director

Southeastern Region
455 West Railroad Avenue
Price, Utah 84501-2829
801-637-3310
801-637-7361 (Fax)

Received from
Jeff Beck
D. W. R.

November 22, 1996

Mr. Carter Reed
United States Department of Agriculture
Manti-La Sal National Forest Supervisor's Office
599 West Price River Drive
Price, Utah 84501

Dear Carter:

This letter is in response to your request for comments from the Utah Division of Wildlife Resources on Pacificorp's application to modify Federal Coal Lease U-64375. These comments are to be considered in the preparation of a forthcoming environmental analysis conducted by the Manti-La Sal National Forest on this proposed modification of the Trail Mountain Mine.

The area being considered for extension parallels the northern border of Straight Canyon. An escarpment of Castle Gate sandstone juts out in a continuous band along this portion of Straight Canyon. This escarpment provides ideal nesting habitat for birds of prey. Raptors are known to nest along this sandstone ledge in Straight Canyon from Joe's Valley Reservoir to the southeast near the Black Diamond Mine. Several documented raptor nests lie immediately to the east of the proposed area (Figure 1). Raptors nesting here include golden eagles and red-tailed hawks. The critical nesting period for these birds occurs from February 15 to July 15.

Raptor surveys should be conducted annually to determine nesting status of these raptors. Any backfilling that is to be permitted should be done far enough away or at an angle that would preclude any material from spalling onto the Castle Gate escarpment. In addition, any authorized backfilling in the proposed extension area should be performed during the seven month period of each year (July 16 to February 14) when these raptors do not engage in breeding activities. These precautions should prevent any harm or harassment to current or future raptors nesting near the proposed mine extension.

Sincerely,

Miles Moretti

cc: UDWR Habitat Section SLO
Utah Division of Oil Gas and Mining
UDWR SERO

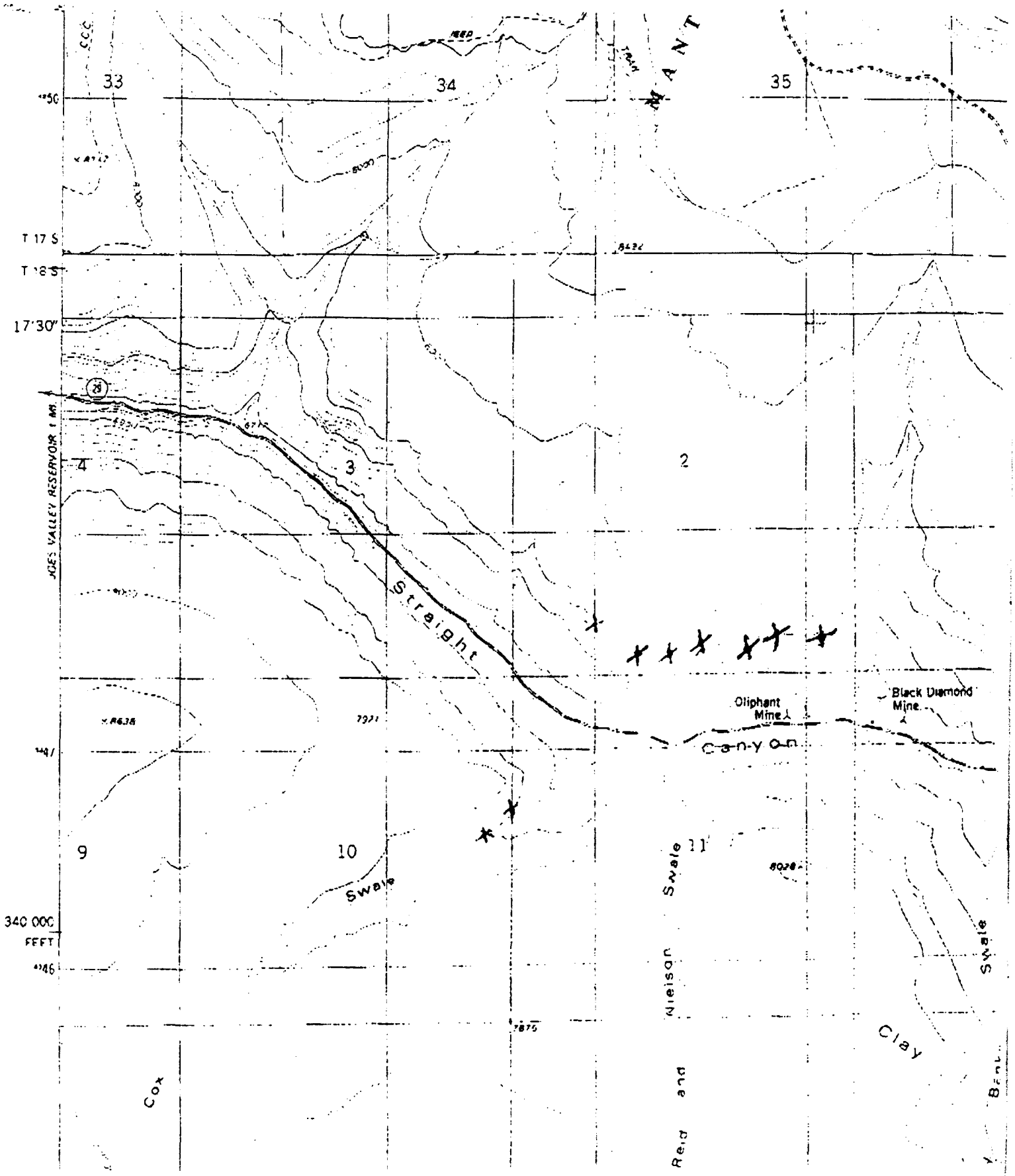


Figure 1. Raptor nest locations in the vicinity of the proposed Pacificorp modification of Federal Coal Lease U-64375, Straight Canyon, Emery County, Utah. An "x" denotes the location of a raptor nest. This map from the USGS, 7.5' Mahogany Point Quadrangle.

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

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

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

February 21, 1997

Chuck A. Semborski
Environmental Supervisor
Energy West Mining Co.
P.O. Box 310
Huntington, UT 84528

Re: Extension Granted, Incidental Boundary Change, PacifiCorp, Trail Mountain Mine, ACT/015/009-96J, Folder #3, Emery County, Utah

Dear Mr. Semborski:

Pursuant to your written request (dated February 10, 1997) for additional time to submit the required information relative to the approved incidental boundary change (including maps which are being converted to AutoCad), an extension is granted until March 31, 1997.

If you have any questions, please call me.

Sincerely,

Pamela Grubaugh-Littig
Permit Supervisor

cc: Daron Haddock
Bill Malencik,PFO

ENERGY WEST Mining Co.
PO Box 310
Huntington, Utah 84528

RECEIVED
FEB 13 1997
DIV. OF OIL, GAS & MINING

February 10, 1997

Department of Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Attention: Ms. Pamela Grubaugh-Littig

Re: Incidental Boundary Change, Time Extension, PacifiCorp, Trail Mountain Mine, ACT/015/009-96J, Folder #3, Emery County, Utah.

Copy PAM

In reference to the above file:

Due to the required time frame for advertising the Forest Service concerns, and the fact the closing date was on February 8, 1997, your request for additional copies on February 10, 1997 cannot be met. Environmental Engineering concerns were that a change could be initiated by the Forest Service from public comments, therefore further work towards finishing the remaining improvements was halted. If additional changes did occur from public comments then all finishing touches could be completed together. Nothing has been received on any required changes from the Forest Service, but there are several items that need to be improved on the maps and will require time to accomplish. In addition the time required to print that many drawings is lengthy. Therefore a 45 day extension is requested.

When the additional seven copies of the complete permit change can be accomplished, they will be sent or delivered to your office.

Thank you for your help and assistance.

Sincerely,

Charles A. Semborski
Environmental Supervisor

cc: Blake Webster
Carl Pollastro
Barbara Adams (File)

Huntington Office:
(801) 687-9821
Fax (801) 687-2695
Purchasing Fax (801) 687-9092

Deer Creek Mine:
(801) 381-2317
Fax (801) 381-2285

Cottonwood Mine:
(801) 748-2319
Fax (801) 748-2380

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WILDLIFE RESOURCES

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Robert G. Valentine
Division Director

Southeastern Region
455 West Railroad Avenue
Price, Utah 84501-2829
801-637-3310
801-637-7361 (Fax)

RECEIVED
DEC 0 9 1996
DIV. OF OIL, GAS & MINING

November 22, 1996

Mr. Carter Reed
United States Department of Agriculture
Manti-La Sal National Forest Supervisor's Office
599 West Price River Drive
Price, Utah 84501

Copy Dave, Joe, Pam
ACT/015/009 #2
FAX Bill M @ PFO

Dear Carter:

This letter is in response to your request for comments from the Utah Division of Wildlife Resources on Pacificorp's application to modify Federal Coal Lease U-64375. These comments are to be considered in the preparation of a forthcoming environmental analysis conducted by the Manti-La Sal National Forest on this proposed modification of the Trail Mountain Mine.

The area being considered for extension parallels the northern border of Straight Canyon. An escarpment of Castle Gate sandstone juts out in a continuous band along this portion of Straight Canyon. This escarpment provides ideal nesting habitat for birds of prey. Raptors are known to nest along this sandstone ledge in Straight Canyon from Joe's Valley Reservoir to the southeast near the Black Diamond Mine. Several documented raptor nests lie immediately to the east of the proposed area (Figure 1). Raptors nesting here include golden eagles and red-tailed hawks. The critical nesting period for these birds occurs from February 15 to July 15.

Raptor surveys should be conducted annually to determine nesting status of these raptors. Any backfilling that is to be permitted should be done far enough away or at an angle that would preclude any material from spalling onto the Castle Gate escarpment. In addition, any authorized backfilling in the proposed extension area should be performed during the seven month period of each year (July 16 to February 14) when these raptors do not engage in breeding activities. These precautions should prevent any harm or harassment to current or future raptors nesting near the proposed mine extension.

Sincerely,

Miles Moretti

cc: UDWR Habitat Section SLO
Utah Division of Oil Gas and Mining
UDWR SERO

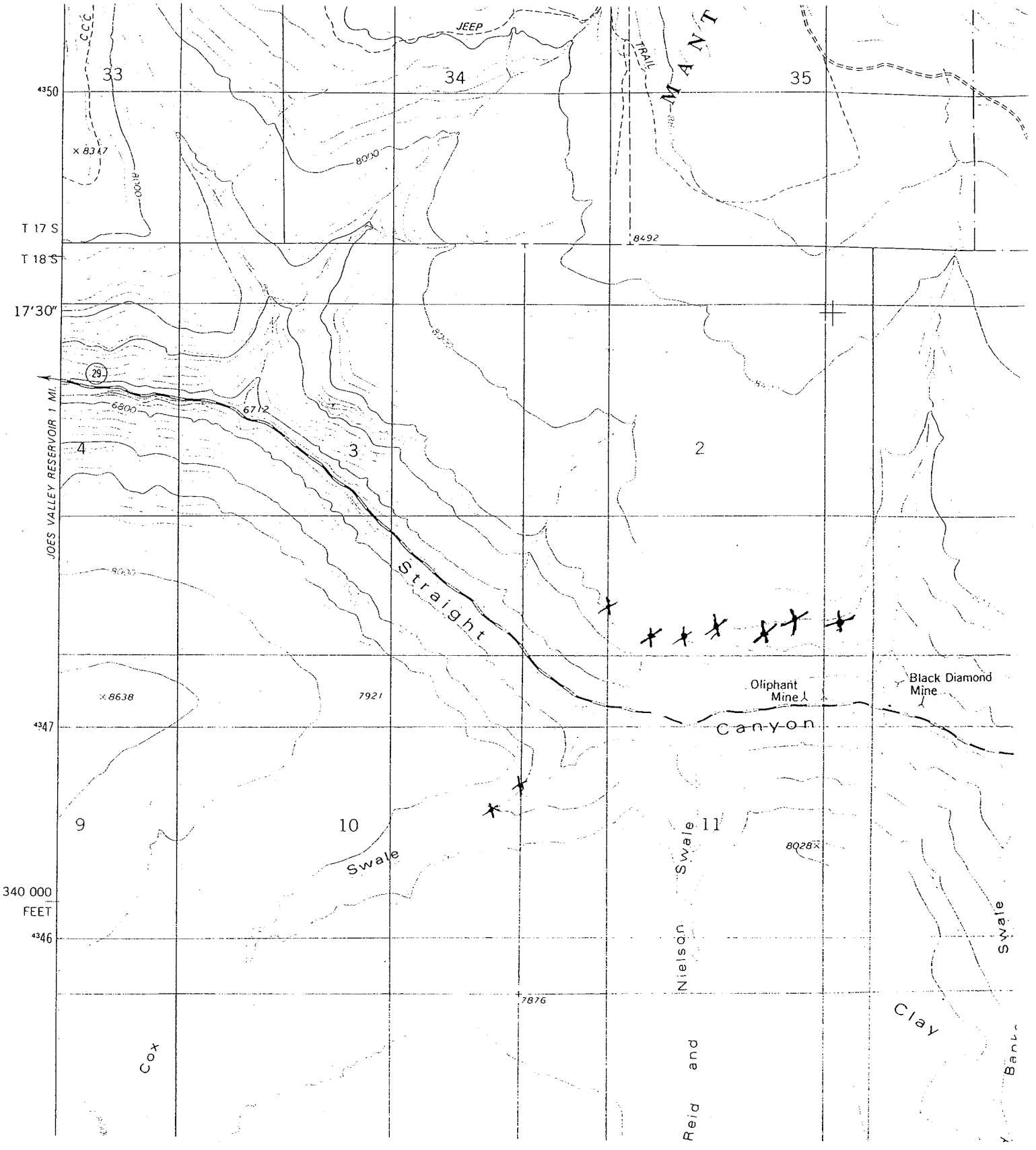


Figure 1. Raptor nest locations in the vicinity of the proposed Pacificorp modification of Federal Coal Lease U-64375, Straight Canyon, Emery County, Utah. An "x" denotes the location of a raptor nest. This map from the USGS, 7.5' Mahogany Point Quadrangle.

Pam

United States
Department of Agriculture

Forest Service

Manti-La Sal National Forest

599 West Price River Dr.
Price, Utah 84501
Phone # (801) 637-2817
Fax # (801) 637-4940

File Code: 2820

Date: November 13, 1996

RECEIVED
NOV 18 1996
DIV. OF OIL, GAS & MINING

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

ACT/015/009 #2
Copy Daron, Joe, Pam
FAX to Bill @ FCO.

Dear Mary Ann:

The Manti-La Sal National Forest and Bureau of Land Management will be conducting an environmental analysis to evaluate PacifiCorp's application to modify Federal Coal Lease U-64375. The modification would add a maximum of 160 acres of National Forest System lands to the existing lease along the western boundary (see enclosed map). This could allow extension of 5 east-west oriented longwall panels at PacifiCorp's Trail Mountain Mine to the west under the north slope of Straight Canyon. The purpose of the modification is to maximize coal recovery. The lease modification would require an amendment to the Manti-La Sal National Forest Land and Resource Management Plan (LRMP). The analysis and subsequent Federal decisions will address the lease modification, LRMP amendment, and the anticipated impacts of the longwall panel extensions and subsequent subsidence.

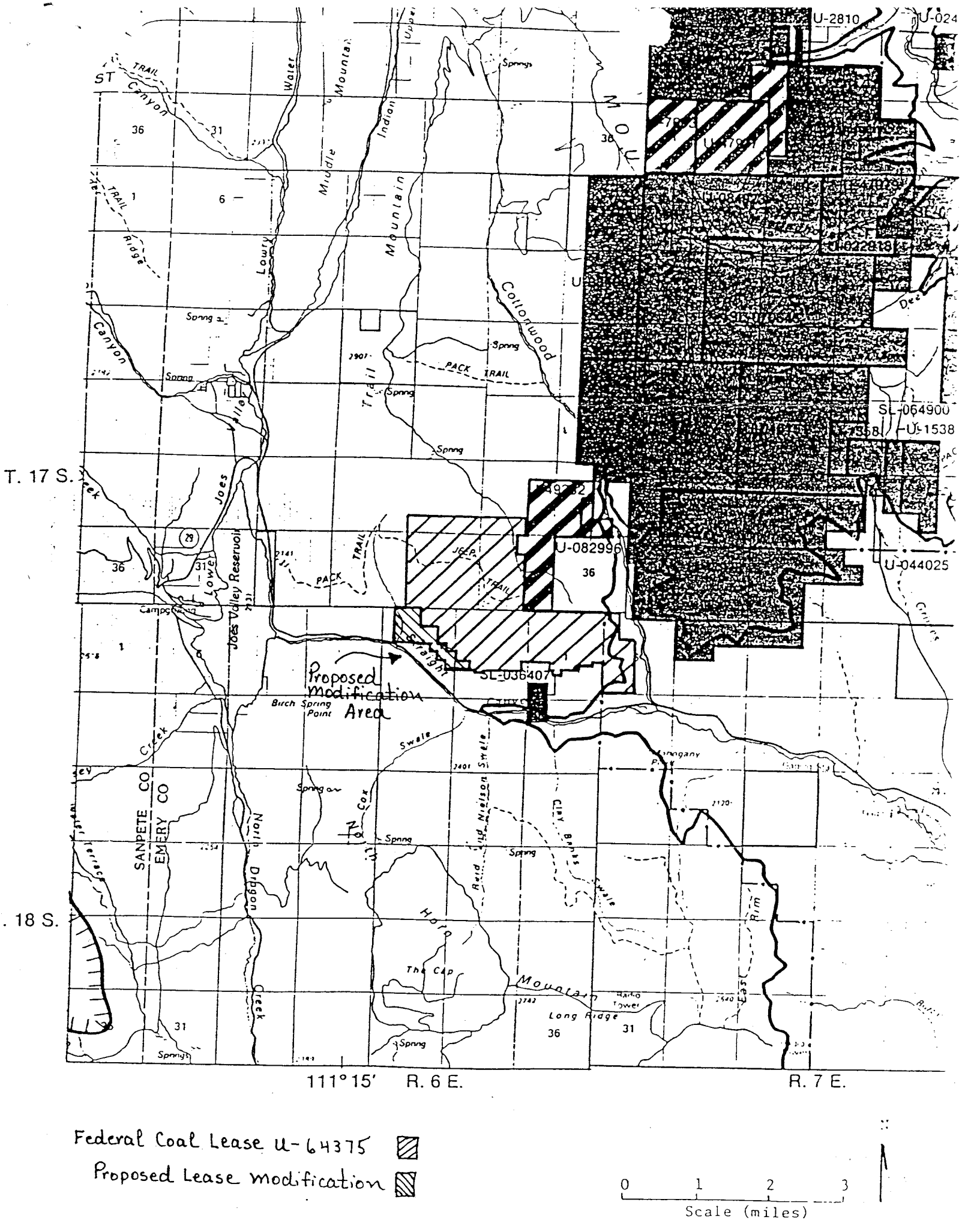
If you have any questions/comments or have issues that you would like us to address in the analysis, contact Carter Reed or Jeff DeFreest at the Forest Supervisor's Office, Manti-La Sal National Forest, 599 West Price River Drive, Price, Utah 84501 (801-637-2817) by close of business on November 25, 1996.

Sincerely,

Karen L Home
for
E. VAUGHN STOKES
Acting Forest Supervisor

cc: D-2/3

My only comments are, that Pacificorp will need to modify their Mining + Reclamation plan before mining in this area. (Probably an Incidental Boundary Change.) I'm not sure, but a lease modification of this type can be permitted without going through a federal Mine plan approval process.
Daron



U-2810
U-024
U-022818
SL-064900
U-1538
U-082996
U-044025
SL-036407
Proposed modification Area
Birch Spring Point
Joes Valley Reservoir
Lower Joes Valley
Cottonwood
Middle Mountain
Indian Mountain
Lowry Water
Canyon
Trail
Pack Trail
Jeep Trail
Spring
Springs
Campground
Swale
Cox
Reid and Nielson Swale
Clay Banks Swale
Horn Mountain
The Cap
Long Ridge
Radio Tower
East Rim
North Dragon Creek
Creek
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Federal Coal Lease U-64375
Proposed Lease modification
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Scale (miles)

Pam

United States
Department of
Agriculture

Forest
Service

Manti-La Sal
National Forest

599 West Price River Dr.
Price, Utah 84501
Phone # (801) 637-2817
Fax # (801) 637-4940

File Code: 2820

Date: November 13, 1996

RECEIVED
NOV 18 1996
DIV. OF OIL, GAS & MINING

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

ACT/015/00.9 #2
Copy Daron, Joe, Pam
FAX to Bill @ FKO.

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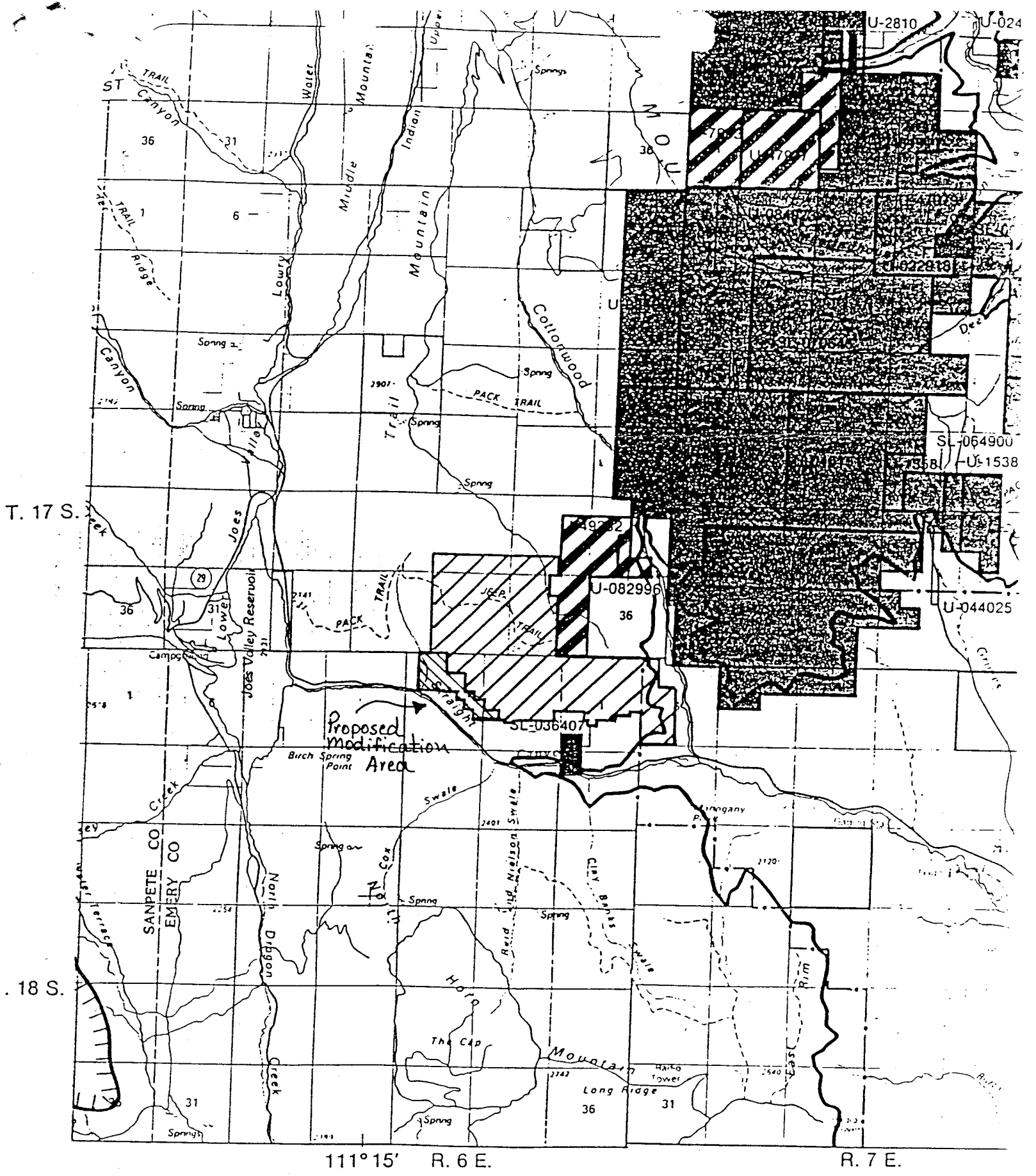
If you have any questions/comments or have issues that you would like us to address in the analysis, contact Carter Reed or Jeff DeFreest at the Forest Supervisor's Office, Manti-La Sal National Forest, 599 West Price River Drive, Price, Utah 84501 (801-637-2817) by close of business on November 25, 1996.

Sincerely,

Dann L Horne
for
E. VAUGHN STOKES
Acting Forest Supervisor

cc: D-2/3



Federal Coal Lease U-64375

Proposed Lease modification

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Scale (miles)

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TOTAL 47S PAGES: 1

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

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

January 13, 1997

Chuck Semborski
Environmental Supervisor
Energy West/PacifiCorp
P.O. Box 310
Huntington, UT 84528

Re: Approval of Incidental Boundary Change, Trail Mountain Mine, PacifiCorp, ACT/015/018-96J, Folder #3, Emery County, Utah

Dear Mr. Semborski:

The incidental boundary change submitted December 20, 1996 for modification of lease UTU-64375 is approved for development only. Longwall mining is conditioned for this lease modification upon the implementation of the underground

P.01

TRANSACTION REPORT

JAN-13-97 MON 04:10 PM

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

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

January 13, 1997

Chuck Semborski
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Energy West/PacifiCorp
P.O. Box 310
Huntington, UT 84528

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Dear Mr. Semborski:

The incidental boundary change submitted December 20, 1996 for modification of lease UTU-64375 is approved for development only. Longwall mining is conditioned for this lease modification upon the implementation of the underground access right of way decision by the Forest Service. Please sign both permits that

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

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

January 13, 1997

Post-it® Fax Note 7671	Date 1-13-97	# of pages ▶ 1
To Chuck Semborski	From PAM	
Co./Dept. PacifiCorp	Co. DOGM	
Phone #	Phone #	
Fax # 1-801-687-2695	Fax #	

Chuck Semborski
Environmental Supervisor
Energy West/PacifiCorp
P.O. Box 310
Huntington, UT 84528

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Dear Mr. Semborski:

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Additionally, please submit seven copies of this permit change in a form that can be incorporated into the mining and reclamation plan by February 10,1997. If you have any questions, please call Daron Haddock or Pamela Grubaugh-Littig.

Yours very truly,

James W. Carter
Director

Enclosure
cc: Mary Ann Wright
Pamela Grubaugh-Littig
Daron Haddock
Joe Helfrich
Bill Malencik, PFO

Post-it® Fax Note 7671	Date 1-13-97	# of pages ▶ 1
To Stan Perkes	From PAM	
Co./Dept. BLM	Co. DOGM	
Phone #	Phone #	
Fax # 539-4200	Fax #	

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WILDLIFE RESOURCES

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Robert G. Valentine
Division Director

Southeastern Region
455 West Railroad Avenue
Price, Utah 84501-2829
801-637-3310
801-637-7361 (Fax)

November 22, 1996

Mr. Carter Reed
United States Department of Agriculture
Manti-La Sal National Forest Supervisor's Office
599 West Price River Drive
Price, Utah 84501

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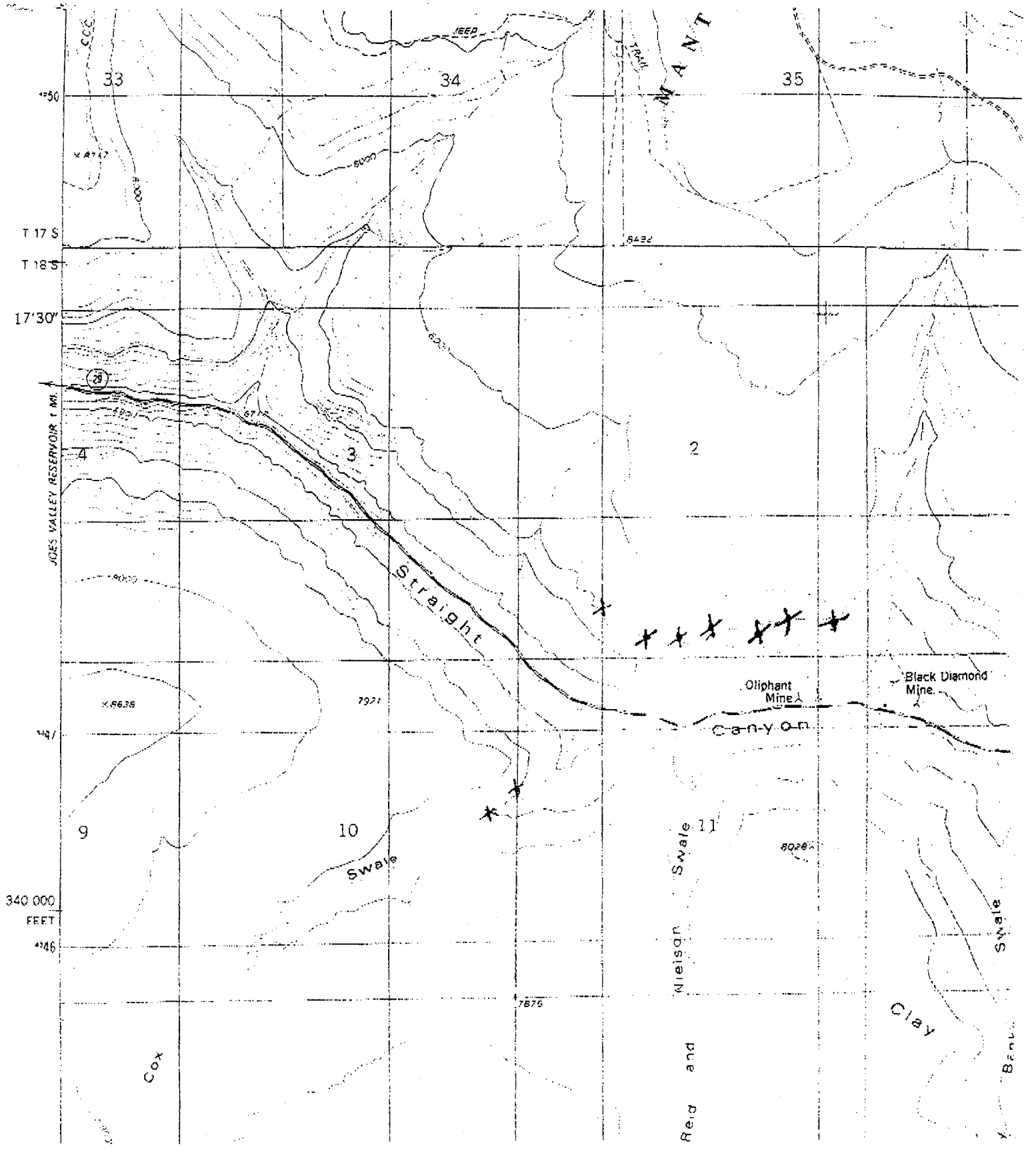
Sincerely,

Miles Moretti

cc: UDWR Habitat Section SLO
Utah Division of Oil Gas and Mining
UDWR SERO



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P.01

TRANSACTION REPORT

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State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5303
801-359-3940 (Fax)
801-538-5319 (TDD)

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

UTAH DIVISION OF OIL, GAS AND MINING
FACSIMILE COVER SHEET

DATE: December 30, 1996

FAX #: 1-303-844-1538

ATTN: Ron Singh

COMPANY: BLM-Vernal

FROM: Pam Grubb

DEPARTMENT: DOGM

NUMBER OF PAGES BEING SENT (INCLUDING THIS ONE): 21

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Michael O. Leavitt
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Division Director

State of Utah

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DIVISION OF OIL, GAS AND MINING
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801-538-5319 (TDD)

UTAH DIVISION OF OIL, GAS AND MINING
FACSIMILE COVER SHEET

DATE: December 30, 1996

FAX #: 1-303-844-1538

ATTN: Ron Singh

COMPANY: OSM-WRC

FROM: Pam G-L

DEPARTMENT: DOGM

NUMBER OF PAGES BEING SENT (INCLUDING THIS ONE): 21

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MESSAGES:

Happy New Year!

Here's the IBC application for Trail Mtn. (I have some maps (full-size) if you need to see them.) Does this need to be processed for Secretarial signature?

The FS appeal period ends 2/8/97.

Important: This message is intended for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return this original message to us at the above addressed via regular postal service. Thank you.

Thanks Pam

ENERGY WEST Mining Co.
PO Box 310
Huntington, Utah 84528

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DEC 23 1996
DIV. OF OIL, GAS & MINING

December 20, 1996

Pamela Grubaugh-Littig
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RE: APPLICATION FOR PERMIT CHANGE - INCIDENTAL BOUNDARY CHANGE, PACIFICORP, TRAIL MOUNTAIN MINE, ACT/015/009, EMERY COUNTY, UTAH

Dear Ms. Grubaugh-Littig:

Pursuant to R645-303-220, PacifiCorp, by and through its wholly-owned subsidiary, Energy West Mining Company ("Energy West") as mine operator, respectfully submits this application to amend the Trail Mountain Mine permit. The amendment involves an Incidental Boundary Change (IBC) to add approximately 133.2 acres of U.S. Forest Service land to the Trail Mountain Mine permit area.

The Incidental Boundary Change is being submitted for approval in conjunction with an Application to Modify Federal Coal Lease UTU-64375 submitted to the Bureau of Land Management on December 11, 1996. In addition an underground right-of-way was submitted to the Manti-LaSal National Forest approved on December 17, 1996.

Addition of the property will enable and maximize longwall recovery in the 9th Right through 13th Right panels. Approximately 490,000 tons will be recovered from both entry development and longwall extraction. The area will be bypassed if it is not mined from the Trail Mountain Mine. There is no other viable or potential operation that could logically mine this area.

Underground mining will occur in the IBC as indicated on Drawing CM-10898-TM. This drawing depicts the information included in the application to modify the lease, including reconfigured longwall panels and gateroads , as submitted for approval to the Bureau of Land Management (BLM).

Huntington Office:
(801) 687-9821
Fax (801) 687-2695
Purchasing Fax (801) 687-9092

Deer Creek Mine:
(801) 381-2317
Fax (801) 381-2285

Cottonwood Mine:
(801) 748-2319
Fax (801) 748-2380

The land associated with the Incidental Boundary Change is comprised of the following parcels:

T.18S., R6E, SLB&M		
Section 3	Lot 3	33.2 acres
	E1/2 of lot 6	20.0
	Lot 7	40.0
	NE1/4SW1/4NE1/4	10.0
	NW1/4SE1/4NE1/4	10.0
	S1/2SE1/4NE1/4	20.0
	Total acreage	133.2 acres

The surface owner of record of the subject property is:

United States of America
Department of Agriculture
US Forest Service
Manti-LaSal National Forest
599 Price River Drive
Price, Utah 84501

The parcels will involve the following Federal Coal Lease(as modified) to be held by PacifiCorp.:

Lease UTU-64375

Lot 3 Section 3, T.18S., R6E, SLB&M
E1/2 of Lot 6 Section 3, T.18S., R6E, SLB&M
Lot 7 Section 3, T.18S., R6E, SLB&M
NE1/4SW1/4NE1/4 Section 3, T.18S., R6E, SLB&M
NW1/4SE1/4NE1/4 Section 3, T.18S., R6E, SLB&M
S1/2SE1/4NE1/4 Section 3, T.18S., R6E, SLB&M

Lease UTU-64375 was assigned to PacifiCorp. effective November 13, 1992. Lease modification for parcels to be included in UTU-64375 submitted December 11, 1996.

Surface owners of record of lands adjacent to the proposed Incidental Boundary Change area are:

United States of America
Department of Agriculture
US Forest Service
Manti-LaSal National Forest
599 Price River Drive
Price, Utah 84501

Coal Leases adjacent to the IBC area are.

Federal Lease	U-49332
State Lease	ML-22603

Federal Lease is held by applicant.
State Lease relinquished to State of Utah effective January 31, 1996.

Regulation R645-303-222 through R645-303-224 allows for Incidental Boundary Changes as permit amendments if the area meets the following criteria:

1. The IBC is less that 15% of the surface or subsurface disturbed area under the approved permit (R645-303-224.100);

2. The IBC area is in the cumulative impact area as defined in the Cumulative Hydrologic Impact Assessment (R645-303-224.200);

3. The IBC area is in the same hydrologic basin as operations authorized in the approved permit (R645-303-224.300).

As previously stated, underground mining will occur in the IBC area. The associated subsurface disturbance will be approximately 38.17 acres. The current subsurface disturbed area at the Trail Mountain Mine is estimated to be approximately 2,000 acres. Therefore, the total IBC area of 133.2 acres equates to 6.66 percent of the subsurface disturbed area with the projected subsurface disturbance in the IBC area being only 1.91 percent. Therefore, criteria number 1 is met.

The IBC area is within the area covered by the Cumulative Hydrologic Impact Assessment (CHIA) prepared for the Trail Mountain Mine and mining within the IBC area is within the hydrologic basin for which operations are authorized in the approved permit. Additionally, the IBC area is included in the current PacifiCorp hydrologic monitoring program conducted at the Trail Mountain Mine. Therefore, criteria 2 and 3 are met.

Mining in the IBC area will help to maximize recovery of the coal resource by avoiding the creation of a bypass situation. Copies of lease modification and right-of-way approvals will be forwarded to you upon receipt.

Enclosed are seven (7) copies of the following drawings:

DRAWING NO.	TITLE
CM-10898-TM	Trail Mountain Lease Modification - Lease U-64375
PLATE 3-2	Trail Mountain Mine/Mining Plan
PLATE 3-3	Trail Mountain Mine - Area of Coal Recovery
PLATE 3-4	Trail Mountain Mine - Permit Area Map

Additionally, the following Exhibits are provided to assist in the Division's review of the application:

EXHIBIT NO.	SUBJECT
1.	Application for Modification of Federal Coal Lease UTU-64375 - Trail Mountain Mine
2.	Forest Service Special Use Permit, Underground Right-of-Way, Trail Mountain Mine, Emery County, Utah

The following attachments are also provided to assist in the Division's review of the application:

ATTACHMENT NO.	SUBJECT
1.	Federal Coal Lease UTU-64375, Issued Effective 10/1/90
2.	Trail Mountain Mine DOGM Permit Renewal, ACT/015/009, Dated 2/21/96
3.	USFS Decision Notice / FONSI / Environmental Assessment for the Underground Accessway and Undermining of Escarpment - Trail Mountain Mine, Dated 3/18/96

4.	Trail Mountain Mine R2P2 Minor Modification Request Settlement Agreement Dated 3/4/96
5.	DOGM Mine Permit Approval Trail Mountain Mine R2P2 - 3rd, 4th, 5th East Development and 4th and 5th East Longwall Panels, Dated 4/29/96
6.	BLM Response to Trail Mountain Mine R2P2 Minor Modification Request Longwall Panel Extension Using a 22 Degree Angle of Draw, Dated 8/23/96
7.	DOGM Mine Permit Approval - 2nd Mining Trail Mountain Mine R2P2 ACT/015/009-96A, Dated 10/17/96

The Divisions immediate attention to this application is greatly appreciated. If additional information is required, please call at (801) 687-4720.

Sincerely,

Charles S. Semborski

Chuck Semborski
Geology and Environmental Supervisor

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DIV. OF OIL, GAS & MINING

EXHIBIT 1

Application for Modification
of
Federal Coal Lease UTU-64375
Trail Mountain Mine

Application for Modification of Federal Coal Lease UTU-64375

Trail Mountain Coal Mine, Emery County, Utah

1.0 Introduction

This lease modification application for unleased federal coal is submitted to the authorized officer of the Bureau of Land Management (BLM), Utah State Office, in accordance with the applicable rules and regulations set forth within title 43 CFR Subpart 3432.

The lease modification applicant is:

PacifiCorp
c/o Interwest Mining Company
One Utah Center, Suite 2000
201 South Main Street
Salt Lake City, Utah 84140-0020

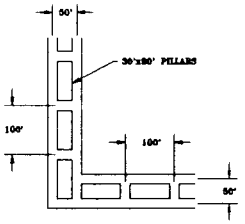
2.0 Application § 3432.1

(a) The applicant is the current lessee of record for federal coal lease UTU-64375 and hereby seeks to modify said lease to include unleased contiguous coal lands or coal deposits consisting of 133.2 acres. Federal coal lease UTU-64375 was originally issued on October 1, 1990 consisting of 2,630.81 acres. To the best knowledge of the applicant, this lease has not been previously modified.

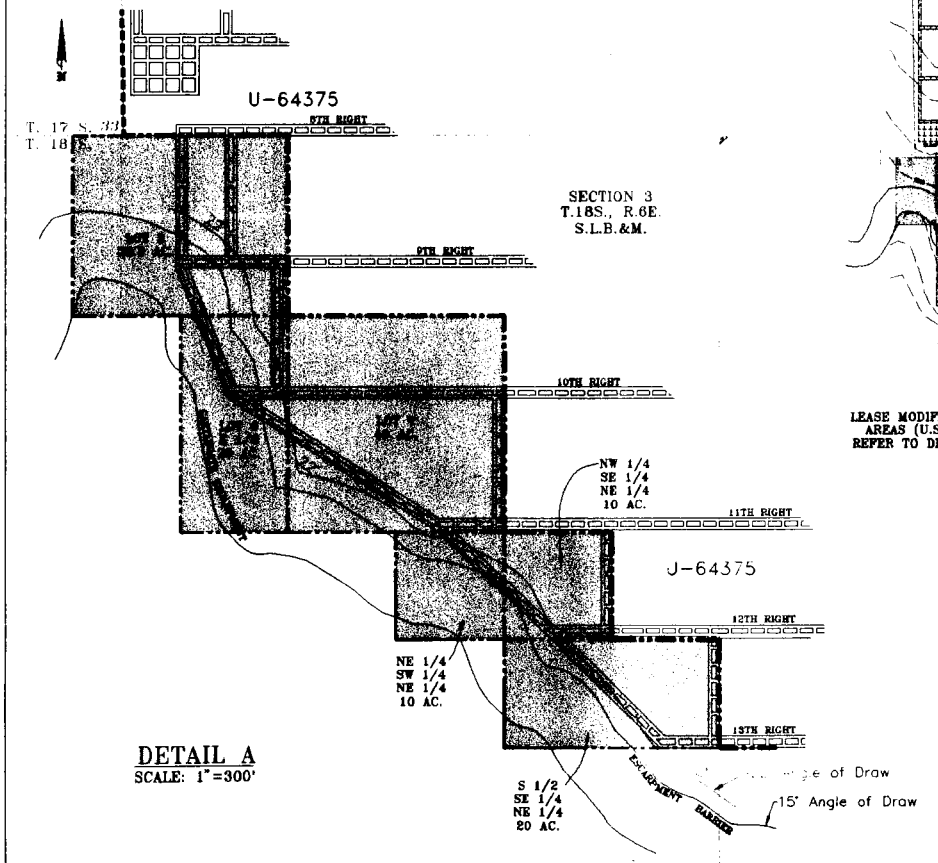
(b) The area of lease modification is described as follows and as shown on Figure 1:

T. 18 S., R. 6 E. SLM

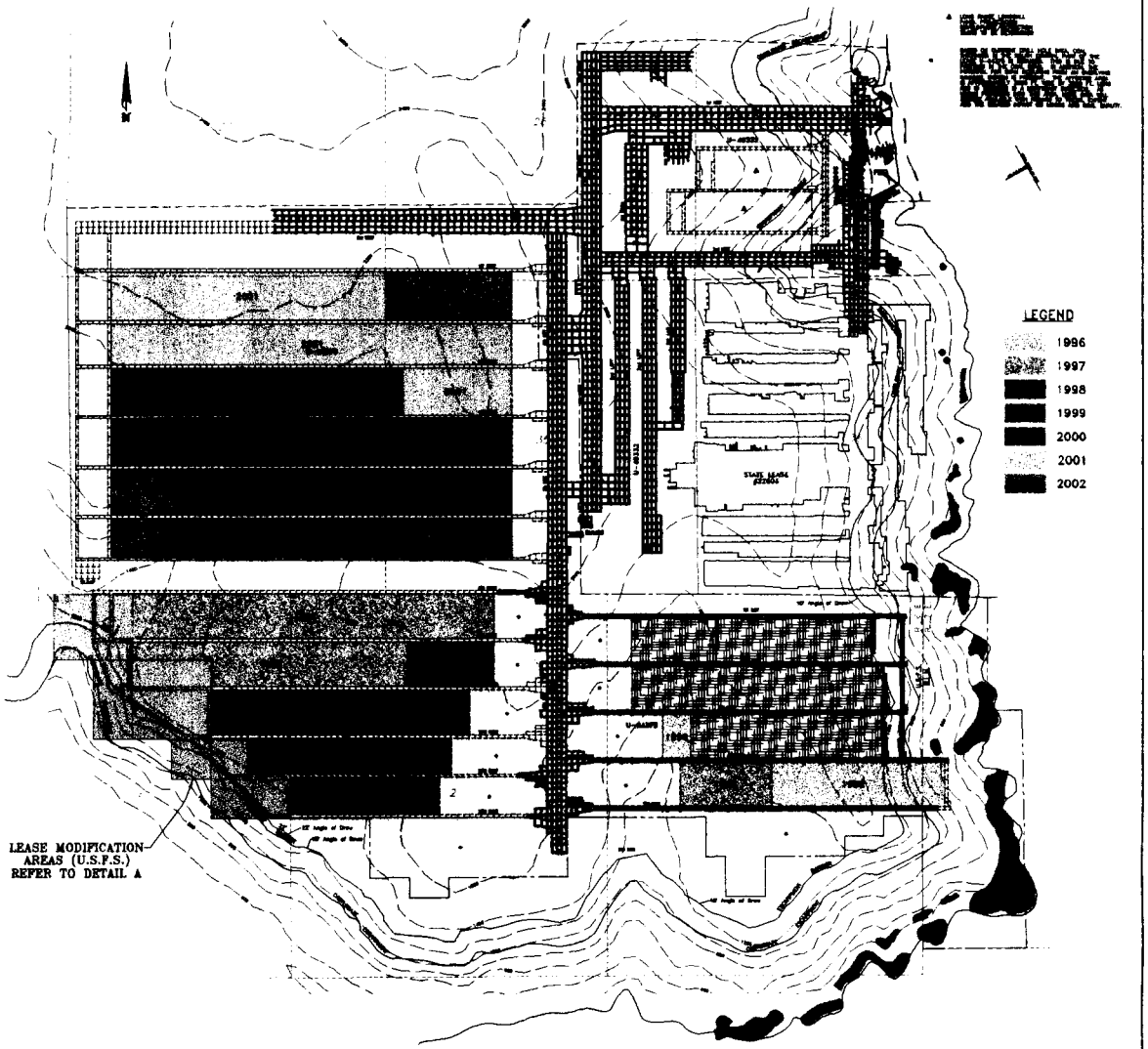
Section 3	Lot 3	33.2 acres
	E½ of Lot 6	20.0
	Lot 7	40.0
	NE¼SW¼NE¼	10.0
	NW¼SE¼NE¼	10.0
	S½SE¼NE¼	20.0
Total lease modification acreage		133.2 acres



TYPICAL PILLAR DETAIL
SCALE: 1"=100'



DETAIL A
SCALE: 1"=300'



GENERAL LOCATION MAP
SCALE: 1"=800'

OWNERSHIP INTEREST OF PROPOSED LEASE MODIFICATION

SURFACE: DEPARTMENT OF AGRICULTURE
UNITED STATES FOREST SERVICE
MANTI-LASAL NATIONAL FOREST

SUBSURFACE: DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NOTE:
PROJECTED RESERVES OF THE 6TH EAST LONGWALL PANEL ARE PROPOSED FOR DELETION FROM THE RECOVERABLE RESERVE BASE DUE TO COAL QUALITY CONCERNS

MINE WORKINGS UPDATED TO 10/1/96

FIGURE 1

ENERGY WEST
MINING COMPANY

TRAIL MOUNTAIN MINE
LEASE MODIFICATION
LEASE U-64375

E. LARSEN
AS NOTED
DECEMBER 6, 1996
CM-10898-TM

Subsurface ownership: (All Minerals)	U.S. Department of the Interior Bureau of Land Management Utah State Office 324 South State Street Salt Lake City, Utah 84111-2303
Surface ownership: (All)	U.S. Forest Service Manti-LaSal National Forest Price District 599 West Price River Drive Price, Utah 84501

This modification is necessitated to maximize coal recovery which would otherwise be bypassed in the 9th and 10th Right longwall panels between existing lease boundaries and the projected 22° angle of draw in Straight Canyon. It is planned to develop the 9th and 10th Right gateroad entries westward (as depicted on Map 1) into the lease modification area to allow (1) development of the bleeder entries (first mining only) within those areas not conducive for full extraction retreat mining, (2) repositioning the longwall set up entries into the modified lease area, thus extending the recovery length of both longwall panels, and (3) enabling greater recovery of the coal from the applicants adjacent federal coal lease UTU-64375, netting approximately an additional 490,000 tons of recoverable reserves which would otherwise be bypassed. Without the lease modification, development of the bleeder and longwall setup entries would have to be developed within the current lease boundaries, thus shortening the longwall panels and leaving the potential net gain in recoverable reserves.

This modification would be to the advantage and serves the interest of the United States simply because:

1. The coal could not logically be accessed and recovered by any other operations or means.

2. Maximize utilization of the coal resource, through prudent mine planning the avoidance and bypass of coal reserves is eliminated.

3. Encourages the greatest ultimate recovery of the coal within and adjacent to the modification area.

4. Provides additional revenues to the United States in the form of annual rentals and production royalties, while affording prudent environmental protection.

3.0 Availability § 3432.2

(a)(1) The applicant feels that the lease should be modified based upon its own merits and taking into consideration the items listed above. Furthermore, the criteria set forth under this subsection has been met and serves the best interests of the United States.

(a)(2) There is no logical competitive interest in the lands or deposits because:

1. The applicant is the lessee of record holding the federal lease adjacent to the east side of the modification area.

2. There is no other nearby operation which could economically mine this area.

3. The only logical access is from the applicant's Trail Mountain Mine.

(a)(3) Due to its isolation on the far west side of the existing Trail Mountain Mine operations, the likelihood of leasing this parcel through competitive solicitation is highly remote and unlikely. This parcel cannot logically be mined or developed as part of another operation or any potential operation. There is no other operation in the area that could economically access this area.

(b) Coal deposits underlying this parcel can only be mined by underground mining techniques due to the depth of the overburden. Any other method would be precluded.

(c) Applicant request the lands applied for lease modification be added to applicant's existing federal lease UTU-64375 without competitive bidding. Applicant commits

compensation to the United States of the fair market value either by cash or through an adjustment of the production royalty. Applicant feels the production royalty of 8%, plus the additional annual rentals of $3.00 per acre per year (as required in federal lease UTU-64375) would be just compensation for said lands and coal reserves, which would otherwise be lost or bypassed.

4.0 Terms and Conditions § 3432.3

(a) The terms and conditions of federal lease UTU-64375, of which the applicant proposes to modify, were originally developed upon lease issuance effective October 1, 1990.

(b) Upon applicant's review and acceptance of the lease terms and conditions of the modified lease, Lessee/Applicant will file written notice of acceptance with the BLM. It is the intent of the Lessee upon final modification of said lease, to include this modified area into the Trail Mountain Mine Logical Mining Unit (LMU).

(c) To assist the BLM in addressing compliance with the procedures and standards set out in 43 CFR § 3425.3, applicant is prepared to provide any and all applicable data from its files to address the environmental assessments in the area including mining suitability, cliff escarpment, surface impact and hydrologic studies. Attached are copies of various environmental and decision documents associated with the Trail Mountain Mine permitting actions involving adjacent federal coal lease UTU-64375.

List of Attachments

1. Federal Coal Lease UTU-64375, issued effective 10-1-90.
2. Trail Mountain Mine DOGM Permit Renewal, ACT/015/009, dated 2-21-95.
3. USFS Decision Notice / FONSI / Environmental Assessment for the Underground Accessway and Undermining of Escarpment - Trail Mountain Mine dated 3-18-96.
4. Trail Mountain Mine R^2P^2 Minor Modification Request, Settlement Agreement dated 3-4-96.
5. DOGM Mine Permit Approval Trail Mountain Mine R^2P^2 3rd, 4th and 5th East Development and 4th and 5th East Longwall Panels dated 4-29-96.

List of Attachments (continued)

6. BLM Response to Trail Mountain Mine R $^2P^2$ Minor Modification Request, Longwall Panel Extension using a 22 Degree Angle of Draw dated 8-23-96.

7. DOGM Mine Permit Approval 2 nd Mining Trail Mountain Mine R $^2P^2$, ACT/015/009-96A dated 10-17-96.

8. MAP 1 - Trail Mountain Mine Lease Modification U-64375 (with Proposed Mine Plan Layout)

SMC13\64375LSE.MOD

EXHIBIT 2

Forest Service Special Use Permit
Underground Right-of-Way
Trail Mountain Mine, Emery Couunty, Utah

FS-2700-4c (7/96)
OMB No. 0596-0082

U. S. DEPARTMENT OF AGRICULTURE Forest Service	Holder No. 4 0 0 1-3 0	Issue Date _ _/_ _/_ _	Expir. Date _ _/_ _/_ _
UNDERGROUND ACCESSWAY SPECIAL-USE PERMIT Act of October 21, 1976 (PL 94-579); 36 CFR 251.50, et seq	Type Site 7 5 3	Authority 6 7 6	Auth. Type _ 2 0 _
	Region/Forest/District 0 4/ 1 0/ 0 3		State/County 4 2/ 0 1 5
	Cong. Dist. _ _	Latitude _ _°_ _'_ _	Longitude _ _ _°_ _'_ _

PacifiCorp - c/o Scott M. Childs - Interwest Mining Company, One Utah Center, Suite 2000, 201 South Main Street, Salt Lake City, Utah 84140-0020,

(hereafter called the Permittee) is hereby authorized to use National Forest lands for the construction, reconstruction, maintenance, and use of underground accessways within the Manti-La Sal National Forest for the following purposes:

Underground accessways to provide transportation access for development of Federal Coal Lease activities. Access includes coal transport systems (i.e., conveyor belts); transport of equipment and personnel; and associated utilities such as water, electrical, power, telephone, air, etc.

This permit is not authorized to sever the coal resources within the authorized accessways. As per 43 CFR 3431.2(b). The severance of coal shall be approved by the Bureau of Land Management. Removal of coal shall be subject to the Surface Mining Control and Reclamation Act of 1977 and authorized by the Utah Division of Oil, Gas, and Mining and be included in the Mining and Reclamation Plan for the Trail Mountain Mine.

The lands covered by this permit are located in the County of Emery, State of Utah and are described as follows:

Section 3	Acres
Lot 3	33.2
E 1/2 of Lot 6	20.0
Lot 7	40.0
NE 1/4 SW 1/4 NE 1/4	10.0
NW 1/4 SE 1/4 NE 1/4	10.00
S 1/2 SE 1/4 NE 1/4	20.00
	133.20 Total Acreage

See map for location and details.

This permit covers a right-of-way 11,500 feet long, and 70 feet wide, containing approximately 18.6 acres, and is located under the ground according to the survey line, figures, measurements, widths, and other references shown on the map or plat attached hereto and made a part hereof.

This permit is made subject to the following terms, provisions, and conditions:

1. This permit is subject to all existing easements and valid rights existing on this date.

2. The Permittee in exercising the privileges granted by this permit shall comply with all applicable State and Federal laws, Executive Orders, and Federal rules and regulations, and shall comply with all State standards for public health and safety, environmental protection, and siting construction, operation, maintenance of or for rights-of-way for similar purposes if those standards are more stringent than applicable Federal standards.

3. The Permittee shall dispose of no coal except as authorized by the Bureau of Land Management and/or the Utah Division of Oil, Gas, and Mining.

4. Permittee shall indemnify the United States for any and all injury, loss, or damage, including fire suppression costs the United States may suffer as a result of claims, demands, losses, or judgments caused by the Permittee's use or occupancy under this permit.

In addition, the holder shall be held liable for all injury, loss, or damage, including, but not limited to fire suppression costs, directly or indirectly resulting from or caused by the holder's use and occupancy of the area covered by the permit, regardless of whether the holder is negligent, provided that the maximum liability without fault shall not exceed $1,000.000 for any one occurrence and provided further that the holder shall not be liable when such injury, loss, or damage results from a negligent act of the United States, or a third party not involving the facilities of of the holder.

Liability for injury, loss, or damage, including fire suppression costs, in excess of the specified maximum, shall be determined by Federal and State laws governing ordinary negligence. (F-21)

5. Permittee shall pay annually in advance a sum determined by the Forest Service to be the fair market value for the accessways authorized as described on the face of this permit. Payment <u>does not</u> include the fair market value of coal removed in connection with this permit. Any such payment for the coal resource must be made directly to the Bureau of Land Management (BLM), and in accordance with BLM's regulations and policy.

The initial payment to the Forest Service for the accessways authorized by this permit is set at $ - 0 - for the remainder of the calendar year. Payments for each subsequent calendar year shall be the amount of $ 126.67 adjusted using the Implicit Price Deflator-Gross National Product index (IPD-GNP), or other factor selected by the Forest Service, to reflect more nearly the current fairmarket value of the use. At intervals to be determined by certain changes in the indexes used to establish the linear rights-of-way fee schedule, the fee shall be reviewed and adjusted as necessary to assure that it is commensurate with the value of the rights and privileges authorized. Failure of the Permittee to pay the annual payment, late charges, or other fees or charges shall cause the permit to terminate.

6. The Permittee shall pay an interest charge on any fee amount not paid by the payment due date.

Interest shall be assessed using the most current rate prescribed by the United States Department of Treasury Financial Manual (TFM-6-8020). Interest shall accrue from the date the fee payment was due. In addition, certain processing and handling administrative costs may be assessed in the event the account becomes delinquent and added to the amounts due.

A penalty of 6 percent per year shall be assessed on any fee amount overdue in excess of 90 days from the due date of the first billing.

Payments will be credited on the date received by the designated collection officer or deposit location. If the due date(s) for any of the above payments or fee calculation statements fall on a nonworkday, the charges shall not apply until the close of business of the next workday.

7. All development of the underground accessways shall be in accordance with plans, specifications, and written stipulations as described in the approved Mining and Reclamation Plan and Mine Permit issued by the Utah Division of Oil, Gas, and Mining.

8. The Permittee shall repair fully all damage to National Forest roads and trails caused by the exercise of the privileges granted by this permit.

9. The United States may use the underground accessways without cost for all purposes deemed necessary or desirable in connection with the protection and administration of the lands or resources of the United States,.

10. The Forest Service retains the right to occupy and use the accessways and to issue or grant rights-of-way for land uses, upon, over, under, and through the permitted area provided that the occupancy and use do not interfere unreasonably with the rights granted herein.

11. Unless sooner terminated in accordance with the provisions of the permit, or revoked by the Regional Forester, this permit shall expire and terminate upon relinquishment of the associated Federal (BLM) Coal Leases(s).

12. This permit may be terminated or suspended upon breach of any of the conditions herein, or revoked at the discretion of the Regional Forester.

13. Upon termination or revocation of this special-use authorization, the Permittee shall remove within a reasonable time any authorized structures and improvements within the authorized accessways and shall restore the site to a condition satisfactory to the authorized officer, unless otherwise waived in writing or in the authorization. If the Permittee fails to remove the structures or improvements within a reasonable period, as determined by the authorized officer, they shall become the property of the United States, but this does not relieve the Permittee from liability for the removal and site restoration costs.

14. The holder has full responsibility to comply with all mitigation measures identified in the Mitigation and Monitoring Plan attached hereto to, and made a part hereof, this permit.

15. (B-2) - During the performance of this authorization, the holder agrees that:

1. The holder and employees shall not discriminate by segregation or otherwise against any person on the basis of race, color, or national origin by curtailing or refusing to furnish accommodations.

2. Title VI attaches coverage to the holder's employment practices if discrimination in employment impeded the delivery of services and benefits to people on the basis of their race, color, or national origin.

3. The holder shall include and require compliance with this nondiscrimination provision in any subcontract made with respect to the operations under this authorization.

16. (B-26) - Holder shall take all measures necessary to protect the health and safety of all persons affected by its activities performed in connection with the construction, operation, maintenance, or termination of the right-of-way, and shall promptly abate as completely as possible any physical or mechanical procedure, activity, event, or condition, existing or occurring at any time: (1) that is susceptible to abatement by the holder, (2) which arises out of, or could adversely affect the construction, operation, maintenance, or termination of all or any part of the underground access, and (3) that causes or threatens to cause: (a) a hazard to the safety of workers or to public health or safety, or (b) serious and irreparable harm or damage to the environment (including but not limited to areas of vegetation or timber, fish or other wildlife populations, or their habitats, or any other natural resource). Holder shall immediately notify the authorized officer of all serious accidents which occur in connection with such activities.

17. (D-18) - The holder agrees to take all necessary precautions to avoid damage to property and resources of the United States and will, independently and upon request of the Forest Service, prevent and suppress fires on or near lands occupied, or to be occupied, under this permit, and to pay and indemnify the United States for any and all injury, loss, or damage, including but not limited to fire suppression costs, the United States may suffer as a result of claims, demands, losses, or judgments caused by the holder's use or occupancy to the maximum extent possible in accordance with State laws, ordinances, regulations, and rules.

18. (X-17) - If, prior to or during excavation work, items of archaeological, paleontological, or historic value are reported or discovered, or an unknown deposit of such items is disturbed, the holder will immediately cease excavation in the area so affected. Holder will then notify the Forest Service and will not resume excavation until written approval is given by the authorized officer.

If it deems it necessary or desirable, the Forest Service may require the holder to have performed recovery, excavation, and preservation of the site and its artifacts at the holder's expense. At the option of the Forest Service, this authorization may be terminated at no liability by the United States when such termination is deemed necessary or desirable to preserve or protect archaeological, paleontological, or historic sites and artifacts.

19. (X-74) - This permit confers no right to the use of water by the holder.

20. (X-96) - Appeal of any provisions of this authorization or any requirements thereof shall be subject to the appeal regulations at 36 CFR 251, Subpart C (54 FR 3362, January 23, 1989), or revisions thereto.

In Witness Whereof, the parties hereto have caused this permit to be duly executed on the _____ day of _____ , 1996.

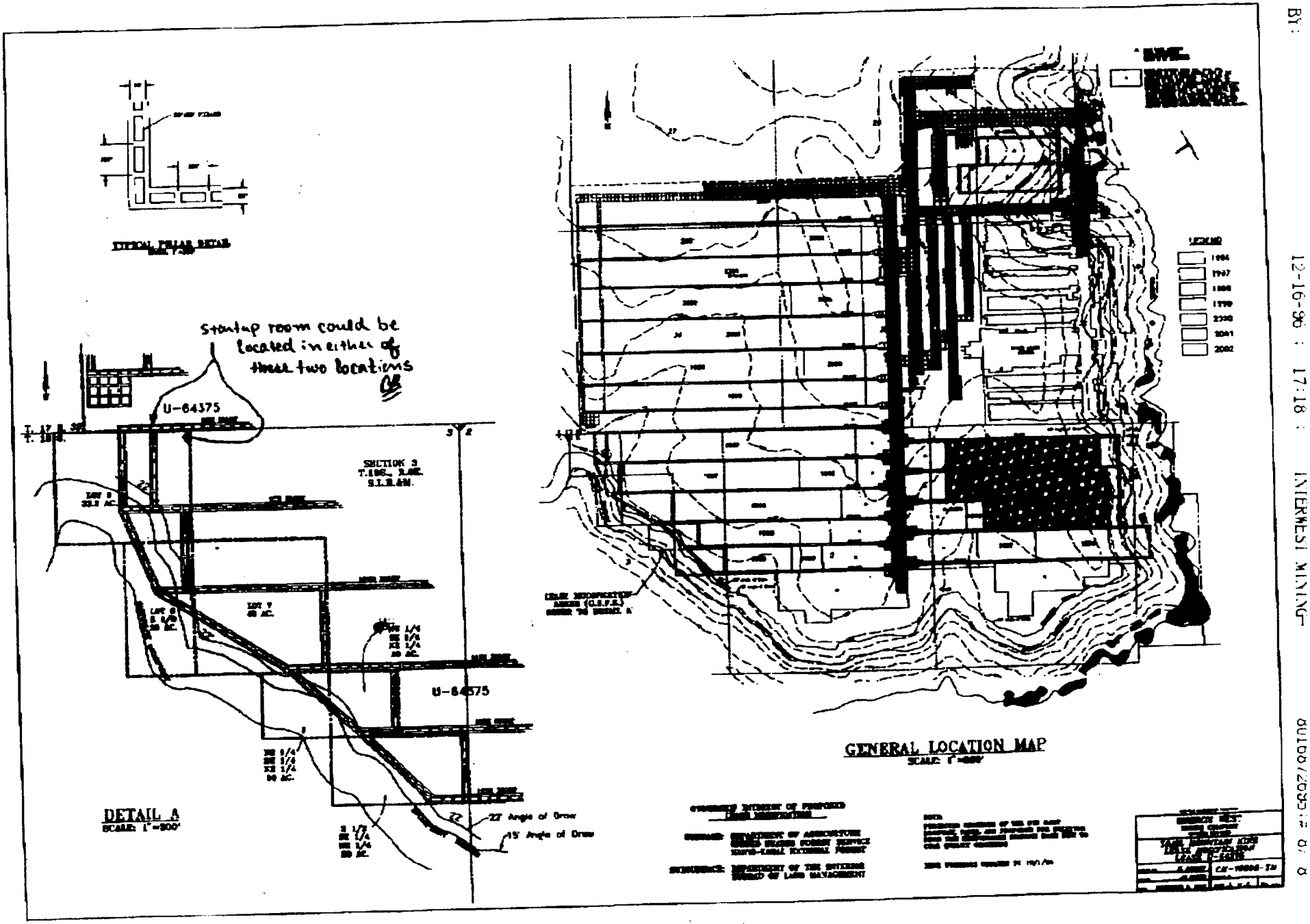
Permittee
By_____
name
Title_____
PacifiCorp

USDA Forest Service
by_____
JANETTE S. KAISER
Title Forest Supervisor
Manti La Sal National Forest

Location Map

EA for the Underground Acces way and Undermining of Escar ment, Trail Mtn Mine

March 1996


TYPICAL PILLAR DETAIL
Startup room could be located in either of these two locations
U-64375
SECTION 3
U-64375
22' Angle of Draw
15' Angle of Draw
DETAIL A
SCALE: 1"=200'
GENERAL LOCATION MAP
LEGEND
1994
1997
1998
1999
2000
2001
2002