

# PERMIT CHANGE TRACKING FORM

DATE RECEIVED	3/28/94	PERMIT NUMBER	94 B
Title of Proposal:	<i>Reclassification of Surface Blasting a Trench</i>	PERMIT CHANGE #	ACT/015/009
Description:		PERMITTEE	Pacific
		MINE NAME	Trail Mtn.

	DATE DUE	DATE DONE	RESULT
<input type="checkbox"/> 15 DAY INITIAL RESPONSE TO PERMIT CHANGE APPLICATION			<input type="checkbox"/> ACCEPTED <input type="checkbox"/> REJECTED
<input type="checkbox"/> Notice of Review Status of proposed permit change sent to the Permittee.			Permit Change Classification
<input type="checkbox"/> Request additional review copies prior to Division/Other Agency review.			<input type="checkbox"/> Significant Permit Revision
<input type="checkbox"/> Notice of Approval of Publication. (If change is a Significant Revision.)			<input type="checkbox"/> Permit Amendment
<input type="checkbox"/> Notice of request to modify proposed permit change prior to approval.			<input type="checkbox"/> Incidental Boundary Change

REVIEW TRACKING	INITIAL REVIEW		MODIFIED REVIEW		FINAL REVIEW AND FINDINGS	
DOGM REVIEWER	DUE	DONE	DUE	DONE	DUE	DONE
<input type="checkbox"/> Administrative _____						
<input type="checkbox"/> Biology _____						
<input checked="" type="checkbox"/> Engineering _____						
<input type="checkbox"/> Geology _____						
<input type="checkbox"/> Soils _____						
<input type="checkbox"/> Hydrology _____						
<input type="checkbox"/> Bonding _____						
<input type="checkbox"/> AVS Check _____						

COORDINATED REVIEWS	DUE	DONE	DUE	DONE	DUE	DONE
<input type="checkbox"/> OSMRE						
<input type="checkbox"/> US Forest Service						
<input type="checkbox"/> Bureau of Land Management						
<input type="checkbox"/> US Fish and Wildlife Service						
<input type="checkbox"/> US National Parks Service						
<input type="checkbox"/> UT Environmental Quality						
<input type="checkbox"/> UT Water Resources						
<input type="checkbox"/> UT Water Rights						
<input type="checkbox"/> UT Wildlife Resources						
<input type="checkbox"/> UT State History						
<input type="checkbox"/> Other						

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

## PERMIT AMENDMENT APPROVAL

Title:	PERMIT NUMBER:
Description:	PERMIT CHANGE #:
	MINE:
	PERMITTEE:

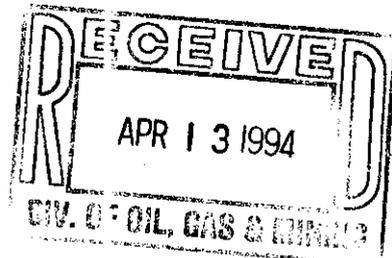
WRITTEN FINDINGS FOR PERMIT APPLICATION APPROVAL	YES, NO or N/A
1. The application is complete and accurate and the applicant has complied with all the requirements of the State Program.	
2. The proposed permit area is not within an area under study or administrative proceedings under a petition, filed pursuant to R645-103-400 or 30 CFR 769, to have an area designated as unsuitable for coal mining and reclamation operations, unless: <ul style="list-style-type: none"> <li>A. The applicant has demonstrated that before January 4, 1977, substantial legal and financial commitments were made in relation to the operation covered by the permit application, or</li> <li>B. The applicant has demonstrated that the proposed permit area is not within an area designated as unsuitable for mining pursuant to R645-103-300 and R645-103-400 or 30 CFR 769 or subject to the prohibitions or limitations of R645-103-230.</li> </ul>	
3. For coal mining and reclamation operations where the private mineral estate to be mined has been severed from the private surface estate, the applicant has submitted to the Division the documentation required under R645-301-114.200.	
4. The Division has made an assessment of the probable cumulative impacts of all anticipated coal mining and reclamation operations on the hydrologic balance in the cumulative impact area and has determined that the proposed operation has been designed to prevent material damage to the hydrologic balance outside the permit area.	
5. The operation would not affect the continued existence of endangered or threatened species or result in destruction or adverse modification of their critical habitats, as determined under the Endangered Species Act of 1973 (16 U.S.C. 1531 et.seq.).	
6. The Division has taken into account the effect of the proposed permitting action on properties listed on and eligible for listing on the National Register of Historic Places. This finding may be supported in part by inclusion of appropriate permit conditions or changes in the operation plan protecting historic resources, or a documented decision that the Division has determined that no additional protection measures are necessary.	
7. The Applicant has demonstrated that reclamation as required by the State Program can be accomplished according to information given in the permit application.	
8. The Applicant has demonstrated that any existing structure will comply with the applicable performance standards of R645-301 and R645-302.	
9. The Applicant has paid all reclamation fees from previous and existing coal mining and reclamation operations as required by 30 CFR Part 870.	
10. The Applicant has satisfied the applicable requirements of R645-302.	
11. The Applicant has, if applicable, satisfied the requirements for approval of a long-term, intensive agricultural postmining land use, in accordance with the requirements of R645-301-353.400.	

SPECIAL CONDITIONS OR STIPULATIONS TO THE PERMIT AMENDMENT APPROVAL	YES	NO
1. Are there any variances associated with this permit amendment approval? If yes, attach.		
2. Are there any special conditions associated with this permit amendment approval? If yes, attach.		
3. Are there any stipulations associated with this permit amendment approval? If yes, attach.		

The Division hereby grants approval for Permit Amendment to the Existing Permit by incorporation of the proposed changes described herein and effective the date signed below. All other terms and conditions of the Existing Permit shall be maintained and in effect except as superseded by this Permit Amendment.

Signed \_\_\_\_\_  
 Director, Division of Oil, Gas and Mining

\_\_\_\_\_ EFFECTIVE DATE



April 8, 1994

Utah Coal Regulatory Program  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention Pamela Grubaugh Littig

94B

**Re: REQUEST FOR AN AMENDMENT TO MODIFY PERMIT  
ALLOWING SURFACE BLASTING, PACIFICORP, TRAIL  
MOUNTAIN MINE, ACT/015/009, EMERY COUNTY, UTAH.**

#2

Pacificorp requests an amendment to the Trail Mountain mining and reclamation plan that allows surface blasting. The appropriate pages of the mining and reclamation plan have been modified. Please find enclosed three (3) copies of page, 3-24A (revised), 3-24B (added) and Exhibit 1 (added).

If you have any questions or concerns please feel free to contact Karl Houskeeper or me at 653-2312.

Sincerely,

A handwritten signature in cursive script, appearing to read "Val Payne".

Val Payne  
Senior Environmental Engineer

KRH/krh

enclosure(s)

cc: Morgan Moon, w/o enclosures  
John Elkin, " "  
John Christensen, " "  
J. Blake Webster, " "

# APPLICATION FOR PERMIT CHANGE

**Title of Change:** Request for an amendment to modify permit allowing surface blasting.

**Permit Number:** ACT / 015 / 009

**Mine:** Trail Mountain

**Permittee:** Pacificorp

**Description, include reason for change and timing required to implement:**

(Same as above) Desire approval to be able to blast 4-11-94.

- |                              |  |  |
|------------------------------|--|--|
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 1. Change in the size of the Permit Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease.               |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 2. Change in the size of the Disturbed Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease.            |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 3. Will permit change include operations outside the Cumulative Hydrologic Impact Area?  |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 4. Will permit change include operations in hydrologic basins other than currently approved?   |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 5. Does permit change result from cancellation, reduction or increase of insurance or reclamation bond?                                  |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 6. Does permit change require or include public notice publication?  |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 7. Permit change as a result of a Violation? Violation #   |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 8. Permit change as a result of a Division Order? D.O.#  |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 9. Permit change as a result of other laws or regulations? Explain:  |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 10. Does permit change require or include ownership, control, right-of-entry, or compliance information?                                 |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 11. Does the permit change affect the surface landowner or change the post mining land use?  |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 12. Does permit change require or include collection and reporting of any baseline information?  |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 13. Could the permit change have any effect on wildlife or vegetation outside the current disturbed area?                                |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 14. Does permit change require or include soil removal, storage or placement?  |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 15. Does permit change require or include vegetation monitoring, removal or revegetation activities?                                     |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 16. Does permit change require or include construction, modification, or removal of surface facilities?                                  |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 17. Does permit change require or include water monitoring, sediment or drainage control measures?                                       |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 18. Does permit change require or include certified designs, maps, or calculations?  |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 19. Does permit change require or include underground design or mine sequence and timing?  |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 20. Does permit change require or include subsidence control or monitoring?  |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 21. Have reclamation costs for bonding been provided or revised for any change in the reclamation plan?                                  |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 22. Is permit change within 100 feet of a public road or perennial stream or 500 feet of an occupied dwelling?                           |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 23. Is this permit change coal exploration activity <input type="checkbox"/> inside <input type="checkbox"/> outside of the permit area? |

Attach 3 complete copies of proposed permit change as it would be incorporated into the Mining and Reclamation Plan.

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.

*[Signature]*  
 Signed - Name - Position - Date  
 SP. ENVIRONMENTAL ENGINEER 4/11/94

Subscribed and sworn to before me this 11<sup>th</sup> day of April, 19 94.

My Commission Expires: November 19, 1996  
 Notary Public  
 State of Utah  
 County of Wasatch



**NOTARY PUBLIC**  
**SHELBY M. HUFF**  
 15 North Main St.  
 Huntington, Utah 84528  
 My Commission Expires  
 November 19, 1996  
**STATE OF UTAH**

Received by Oil, Gas & Mining

RECEIVED

APR 13 1994

DIV. OF OIL, GAS & MINING

ASSIGNED PERMIT CHANGE NUMBER



One Utah Center  
201 South Main, Suite 2100  
Salt Lake City, Utah 84140-0021  
(801) 220-2000

*Called Karl  
verbal  
approval  
4/11/94*



April 8, 1994

Utah Coal Regulatory Program  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention Pamela Grubaugh Littig

**Re: REQUEST FOR AN AMENDMENT TO MODIFY PERMIT  
ALLOWING SURFACE BLASTING, PACIFICORP, TRAIL  
MOUNTAIN MINE, ACT/015/009, EMERY COUNTY, UTAH.**

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If you have any questions or concerns please feel free to contact Karl Houskeeper or me at 653-2312.

Sincerely,

Val Payne  
Senior Environmental Engineer

KRH/kra

enclosure(s)

cc:	Morgan Moon,	w/o enclosures
	John Elkin,	" "
	John Christensen,	" "
	J. Blake Webster,	" "

# APPLICATION FOR PERMIT CHANGE

Title of Change: Request for an amendment to modify permit allowing surface blasting.

Permit Number: ACT / 015 / 009

Mine: Trail Mountain

Permittee: Pacificorp

Description, include reason for change and timing required to implement:

(Same as above) Desire approval to be able to blast 4-11-94.

- Yes  No 1. Change in the size of the Permit Area? \_\_\_\_\_ acres  increase  decrease.
- Yes  No 2. Change in the size of the Disturbed Area? \_\_\_\_\_ acres  increase  decrease.
- Yes  No 3. Will permit change include operations outside the Cumulative Hydrologic Impact Area?
- Yes  No 4. Will permit change include operations in hydrologic basins other than currently approved?
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- Yes  No 8. Permit change as a result of a Division Order? D.O.# \_\_\_\_\_
- Yes  No 9. Permit change as a result of other laws or regulations? Explain: \_\_\_\_\_
- Yes  No 10. Does permit change require or include ownership, control, right-of-entry, or compliance information?
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- Yes  No 23. Is this permit change coal exploration activity  inside  outside of the permit area?

Attach 3 complete copies of proposed permit change as it would be incorporated into the Mining and Reclamation Plan.

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.

*[Signature]* SR. ENVIRONMENTAL ENGINEER 4/11/94  
Signed - Name - Position - Date

Received by Oil, Gas & Mining

Subscribed and sworn to before me this 11th day of April, 19 94.  
*[Signature]*  
Notary Public  
My Commission Expires: November 19, 1996  
Attest: [Signature]  
STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_



NOTARY PUBLIC  
SHELBY M. HURT  
15 West Main St.  
Huntsman, Utah 84528  
My Commission Expires  
November 19, 1996  
STATE OF UTAH

ASSIGNED PERMIT CHANGE NUMBER



**PacifiCorp  
Trail Mountain Mine**

**Handling - All materials are transported in an approved wooden box separated into two compartments with a solid wood divider. These boxes are then carried on trailers and diesel powered tractors.**

**Use - Explosives are primarily used underground. Underground explosives are used to blast rock to make room for overcasts, belt drives, and at other areas where extra height is required. Other uses underground include grading of roadways and to facilitate cleaning up of unintentional roof falls, etc.**

**When surface blasting is done it will be in accordance with the applicable R. 645-301-524 rules.**

**Surface blasting will be done by a certified blaster under the Utah Blaster Certification Program. This certification will be carried by the blaster or kept on file during blasting operations. At least one other person will be present during the blast. Proper training will be given to crews associated with the blast or explosive handling. The blast design will be prepared by a certified blaster and will be submitted to the division at a time before the blast.**

**No blasts will utilize more than five (5) pounds of blasting agent or explosives detonated in any eight-millisecond period, therefore a pre-blast survey is not required.**

**All blasting will be done between sunrise and sunset. No residents are located within a half mile radius of the permit area.**

**3-24A**

**Revised 4/8/94**

**PacifiCorp  
Trail Mountain Mine**

**Blasting signs will meet R. 645-301-521.200 and be conspicuously placed along the edge of the blasting area or road entrance. Signs will be placed at all accessible entrances to the blasting area from public roads stating "Warning! Explosives in Use." Access control will be exercised preventing unauthorized access to the blasting area.**

**No structures exist within a distance that would present concerns from air blast or ground vibration.**

**Blasting records will be kept on file for review by the Division. Blasting records will comply with R. 645-301-524.700. Exhibit 1 shows a typical report which will be compiled to satisfy these requirements.**

**3-24B**

**Added 4/8/94**

**Exhibit 1**

**Energy West Mining Co.  
Blasting Record  
(R645-301-524.700)**

**(R645-301-524.711) Name of Operator Conducting Blast.**

\_\_\_\_\_  
(Company Name)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(City - State)

\_\_\_\_\_  
(Telephone Number)

**(R645-301-524.712) Location, Date and Time of Blast.**

\_\_\_\_\_  
(Mine)

\_\_\_\_\_  
(Location)

\_\_\_\_\_  
(Date) (Time of Blast)

**(R645-301-524.713) Name, Signature, and Certification Number of Blaster in Charge.**

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Signature) (Certification Number)

**Exhibit 1**

**(R645-301-524.720) Direction and Distance, in feet from the nearest blast hole to the nearest dwelling, public building, school, church, community or institutional building outside the permit area.**

\_\_\_\_\_  
**(Direction)**

\_\_\_\_\_  
**(Distance in Feet)**

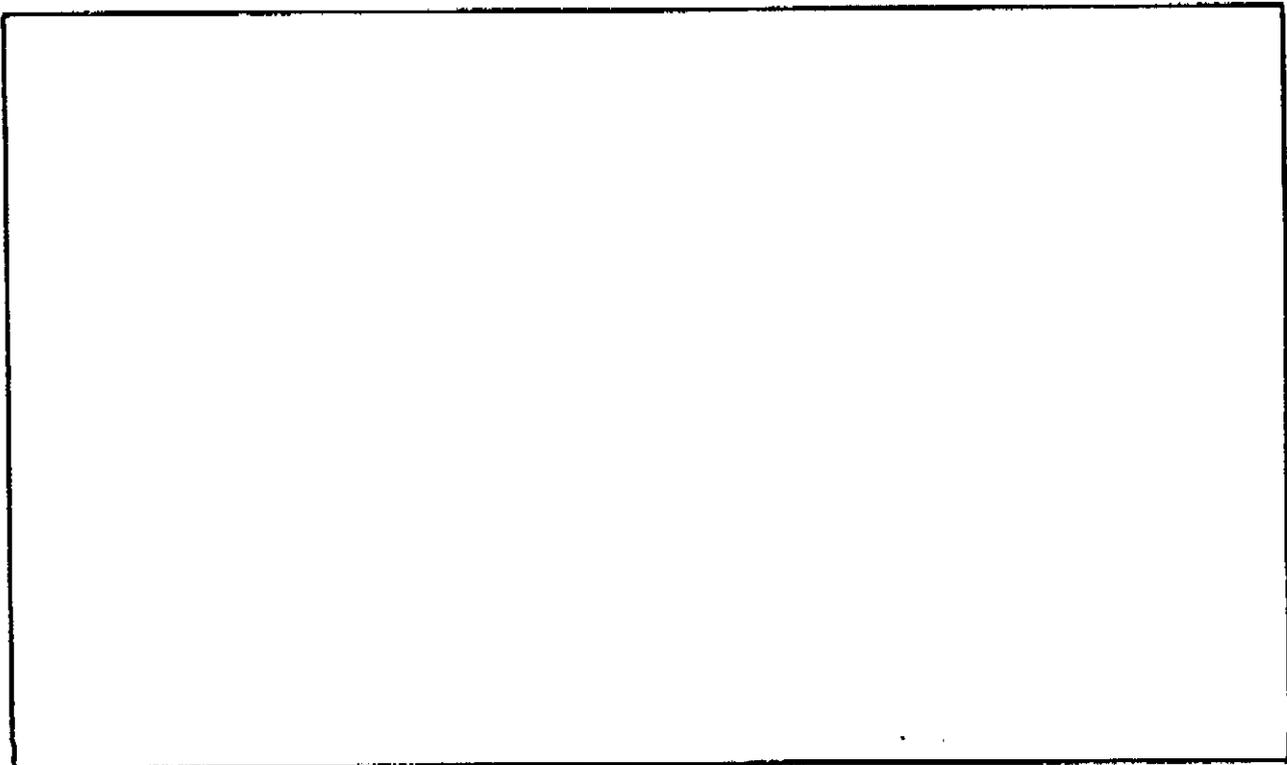
**(R645-301-524.730) Weather Conditions.**

\_\_\_\_\_  
**(Wind Direction & Approximate Velocity)**

**(R645-301-524.741) Type of Material Blasted**

\_\_\_\_\_

**(R645-301-524.742) Sketchs of the blast pattern including number of holes, burden, spacing, decks, and delay pattern.**



**Exhibit 1**

**(R645-301-524.743) Diameter and Depth of Holes.**

---

**(R645-301-524.744) Types of Explosives Used.**

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**(R645-301-524.745) Total Weight of Explosives Used.**

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**(R645-301-524.746) Maximum Weight of Explosives Detonated in an Eight (8) Millisecond Period.**

---

**(R645-301-524.747) Initiation System.**

---

**(R645-301-524.748) Type and Length of Stemming.**

---

**(R645-301-524.749) Mats or Other Protection Used.**

---

**(R645-301-524.750) Seismographic Records and Airblast Information.**

---

**(Type of instrument, sensitivity, Certification of Calibration)**

---

**(Reading)**

---

**(Location & Distance)**

---

**(Name of Person Taking Reading)**

---

**(Name of Person & Firm Analyzing Reading)**

**(R645-301-524.760) Reason for Unscheduled Blast.**

---



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)

April 11, 1994

Mr. Val Payne  
Sr. Environmental Engineer  
PacifiCorp  
P.O. Box 1005  
Huntington, UT 84528

Re: Surface Blasting Amendment, Trail Mountain Mine, PacifiCorp,  
ACT/015/009-94B, Folder #3, Emery County, Utah

Dear Mr. Payne:

The above-noted amendment has been reviewed and is approved.

Sincerely,

A handwritten signature in cursive script that reads "Pamela Grubangh-Littig".

Pamela Grubangh-Littig  
Permit Supervisor

Enclosure  
cc: Bill Malencik, PFO



3 2 2 1

## **Trail Mountain Mine Surface Blasting Plan**

- LOCATION:** Trail Mountain Mine, approximately Ten (10) miles from Orangeville Utah.
- TYPE OF OPERATION:** Underground Coal Mine.
- TYPE OF  
BLASTING ACTIVITIES:** Trenching.
- BLASTER  
CERTIFICATION:** Blasters will have a valid Utah Blaster Certification. This Certification will be carried by the blaster or kept on file during blasting operations. At least one other person will be present during a blast. Proper training will be given to crews associated with the blast or explosives.
- BLAST DESIGN:** The blast design was prepared by a Certified Blaster and is enclosed.
- PRE-BLAST SURVEY:** No blasts will utilize more than five (5) pounds of blasting agent or explosives detonated in any eight-millisecond period.
- BLASTING SCHEDULE:** All blasting will be done between sunrise and sunset.
- BLASTING SIGNS  
AND WARNINGS:** Blasting signs will meet R645-301-521.200 and be conspicuously placed along the edge of the blasting area or road entrance. Signs will be placed at all accessible entrances to the blasting area that are within the permit area from public roads stating **"Warning! Explosives in Use."** Access control will be exercised preventing anyone from entering the blasting area.
- ADVERSE  
BLASTING EFFECTS:** No structures exist within a distance that would present concerns from Airblast or Ground Vibration.
- BLASTING RECORDS:** Blasting records will be kept on file for review by the Division. Blasting records will comply with R645-301-524.700

Energy West Mining Co.  
Blasting Design  
(R645-301-524.700)



(R645-301-524.711) Name of Operator Conducting Blast.

Energy West Mining  
(Company Name)

P.O. Box 310  
(Address)

Huntington Utah 84528  
(City - State)

687-9821  
(Telephone Number)

(R645-301-524.712) Location, Date and Time of Blast.

Trail Mountain Mine  
(Mine)

9 miles west of Orangerville Utah  
(Location)

4-11-94      8:00 AM (Anticipated)  
(Date)                      (Time of Blast)

(R645-301-524.713) Name, Signature, and Certification Number of Blaster in Charge.

Kimball Rasmussen  
(Name)

Kimball Rasmussen      528785763  
(Signature)                      (Certification Number)

**(R645-301-524.720) Direction and Distance, in feet from the nearest blast hole to the nearest dwelling, public building, school, church, community or institutional building outside the permit area.**

9 miles - west  
(Direction)

9 miles  
(Distance in Feet)

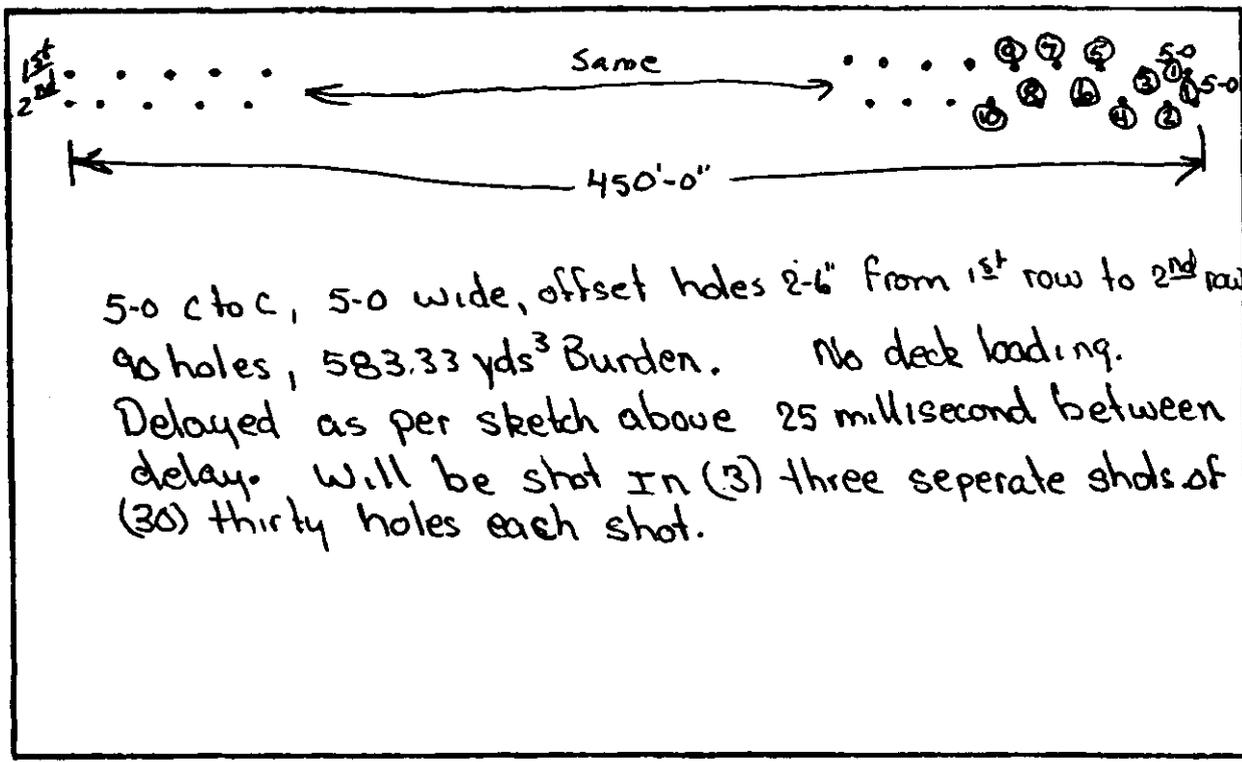
**(R645-301-524.730) Weather Conditions.**

\_\_\_\_\_  
(Wind Direction & Approximate Velocity)

**(R645-301-524.741) Type of Material Blasted**

sand stone

**(R645-301-524.742) Sketches of the blast pattern including number of holes, burden, spacing, decks, and delay pattern.**



(R645-301-524.743) Diameter and Depth of Holes.

1 1/2" x 7'

(R645-301-524.744) Types of Explosives Used.

Trecogel B 1 1/4" x 8" Tube class I

(R645-301-524.745) Total Weight of Explosives Used.

270 lbs total (3 shots @ 90 lbs each)

(R645-301-524.746) Maximum Weight of Explosives Detonated in an Eight (8) Millisecond Period.

3 lbs w/ 25 millisecond delay

(R645-301-524.747) Initiation System.

Easy Det non electrical initiation system

(R645-301-524.748) Type and Length of Stemming.

Clay dummies 3 ft.

(R645-301-524.749) Mats or Other Protection Used.

chain link or conveyor belt

(R645-301-524.750) Seismographic Records and Airblast Information.

NA

(Type of instrument, sensitivity, Certification of Calibration)

(Reading)

(Location & Distance)

(Name of Person Taking Reading)

(Name of Person & Firm Analyzing Reading)

(R645-301-524.760) Reason for Unscheduled Blast.

RISER PIPE  
TOP 7263.57

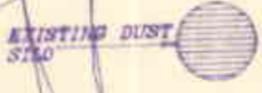
TANK  
FARM



POWER  
POLE  
7265.4

BEG. GUARD  
RAIL

POWER  
POLE



7260.4

358,661.84  
2,088,665.10

POWER  
POLE  
7258.0

E.S. 7262.2



GUARD  
RAIL

7253.8

7289.7

PORTAL COLLAR

E.S. 7255.7

E.S.

7251.9

E.S.

DIESEL ROADWAY

NEW LOCATION  
OF BACK SLOPE

POWER  
P.M.  
POLE 7290.35  
POWER  
POLE

1" = 30'

E.S. 7245.7

PORTAL  
COLLAR

SUB  
HOUSING

POWER  
POLE

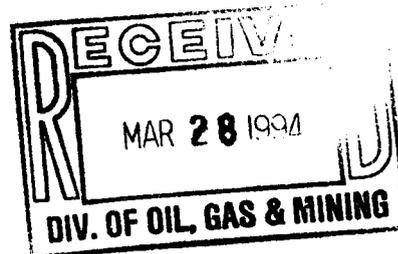
WOOD  
BIN  
WALL

RETAIN  
WALL



March 24, 1994

Utah Coal Regulatory Program  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203



94B

Attention Pamela Grubaugh Littig

**Re: NOTIFICATION OF SURFACE BLASTING TO CONSTRUCT A  
TRENCH; PACIFICORP, TRAIL MOUNTAIN MINE, ACT/015/009,  
EMERY COUNTY, UTAH.**

#2  
Copy Amendment file  
K.H.

Please find enclosed a blasting design and location map of the trench to be constructed. The depth of the trench is expected to be six feet (6') deep. This trench was included in the approved amendment 93-E and is for power and water lines to the pump house and water tank. These lines will also be indicated on the surface facilities map, figure 3-1, upon completion of this project.

If you have any questions or concerns please feel free to contact Karl Houskeeper or me at 653-2312.

Sincerely,

Val Payne  
Senior Environmental Engineer

KRH/krh

enclosure(s)

cc: Morgan Moon, w/o enclosures  
John Elkin, " "  
John Christensen, " "  
J. Blake Webster, " "