

PERMIT CHANGE TRACKING FORM

DATE RECEIVED	<i>6/15/94</i>	PERMIT NUMBER	<i>ACT/015/019</i>
Title of Proposal:	<i>Relocate Powder</i>	PERMIT CHANGE #	<i>34E</i>
Description:	<i>and Cap Magazine</i>	PERMITTEE	<i>Pacific</i>
		MINE NAME	<i>9 Cottonwood Gulch</i>

	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	<i>7/15</i>					
<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.

APPLICATION FOR PERMIT CHANGE

Title of Change:
Relocate powder and cap magazines

Permit Number: ACT / 015 / 019
Mine: Cottonwood
Permittee: PacifiCorp

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

- | | | |
|---|--|--|
| <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 checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 16. Does permit change require or include construction, <u>modification</u> , 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 checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 18. Does permit change require or include certified designs, <u>maps</u> , or calculations? Surface facility _____ |
| <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.

Val E. Payne 6/9/94 SR. ENV. ENGINEER
Signed - Name - Position - Date

Subscribed and sworn to before me this 9th day of June, 19 94
Shelby M. Hur
Notary Public
My Commission Expires November 19, 1996
Attest: Shelby
COUNTY OF _____

NOTARY PUBLIC
SHELBY M. HUR
15 North Main St.
Huntington, Utah 84302
My Commission Expires
November 19, 1996
STATE OF UTAH

Received by Oil, Gas & Mining
RECEIVED
JUN 15 1994
ASSIGNED PERMIT CHANGE NUMBER _____



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)

June 24, 1994

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

Re: Relocate Powder And Cap Magazine, PacifiCorp, Cottonwood/Wilberg Mine,
ACT/015/019-94E, Folder #3, Emery County, Utah

Dear Mr. Payne:

The above-noted amendment is approved. Please submit ten certified copies of Map 3-16, Surface Facilities Map, within 30 days of completion of the relocation.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Pamela Grubaugh-Littig'.

Pamela Grubaugh-Littig
Permit Supervisor

cc: Bill Malencik
Joe Helfrich



PERMIT AMENDMENT APPROVAL

Title: Relocate Powder + cap magazines

PERMIT NUMBER: ACT 1015/019

Description:

Perm
Can be approved
N/A

red
in p

WRITTEN FINDINGS

		YES, NO or N/A
1. The application is complete and accurate.	am.	Yes
2. The proposed permit area is not within pursuant to R645-103-400 or 30 CFR 70 operations, unless: A. The applicant has demonstrated made in relation to the operation. B. The applicant has demonstrated mining pursuant to R645-103-30 limitations of R645-103-230.	re for	Yes Yes
3. For coal mining and reclamation operation private surface estate, the applicant has satisfied		NA
4. The Division has made an assessment of the operations on the hydrologic balance in the been designed to prevent material damage	1	Yes
5. The operation would not affect the continue adverse modification of their critical habitats 1531 et.seq.).		Yes
6. The Division has taken into account the effect listing on the National Register of Historic permit conditions or changes in the operation Division has determined that no additional permit		Yes
7. The Applicant has demonstrated that reclamation information given in the permit application.		Yes
8. The Applicant has demonstrated that any existing R645-301 and R645-302.		NA
9. The Applicant has paid all reclamation fees from previous and existing coal mining and reclamation operations as required by 30 CFR Part 870.		Yes
10. The Applicant has satisfied the applicable requirements of R645-302.		NA
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.		NA

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.		X
2. Are there any special conditions associated with this permit amendment approval? If yes, attach.		X
3. Are there any stipulations associated with this permit amendment approval? If yes, attach.		X

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 Dana R. Haddock
Director, Division of Oil, Gas and Mining

6/24/94
EFFECTIVE DATE

PERMIT AMENDMENT APPROVAL

Title: <u>Relocate Powder + cap magazines</u>	PERMIT NUMBER: <u>ACT 015/019</u>
Description:	PERMIT CHANGE #: <u>94E</u>
	MINE: <u>Cottonwood</u>
	PERMITTEE: <u>Pacificorp</u>

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.	Yes
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:	Yes
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	
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.	
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.	NA
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.	Yes
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.).	Yes
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.	Yes
7. The Applicant has demonstrated that reclamation as required by the State Program can be accomplished according to information given in the permit application.	Yes
8. The Applicant has demonstrated that any existing structure will comply with the applicable performance standards of R645-301 and R645-302.	NA
9. The Applicant has paid all reclamation fees from previous and existing coal mining and reclamation operations as required by 30 CFR Part 870.	Yes
10. The Applicant has satisfied the applicable requirements of R645-302.	NA
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.	NA

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.		X
2. Are there any special conditions associated with this permit amendment approval? If yes, attach.		X
3. Are there any stipulations associated with this permit amendment approval? If yes, attach.		X

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 Dana R. Hedlock 6/24/94
 Director, Division of Oil, Gas and Mining EFFECTIVE DATE



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)

June 22, 1994

TO: File

FROM: Jess Kelley, Reclamation Engineer *JK*

RE: Relocation of Powder and Cap Magazines, PacifiCorp, Cottonwood/Wilberg Mine, ACT/015/019-94E, Folder #2, Emery County, Utah

SYNOPSIS

The Division received this proposed amendment on June 15, 1994. By the amendment, the permittee proposes to relocate the powder and cap magazines to the area of ASCA 4, which lies adjacent to the Wilberg fan area.

ANALYSIS

The powder and cap magazines will be placed directly against an existing rock face. The only modifications necessary to accommodate the magazines will be two small concrete slabs for the magazines themselves and gravel surfacing of the area in front of the magazines to facilitate access. One concrete slab will be 8 feet wide x 8 feet long x 1 foot thick, while the other will be approximately triangular and 6 feet wide, 8 feet deep, and 2 feet thick.

The magazine area lies within the disturbed area in a depression which constitutes the lowest part of an existing ASCA. The presence of the magazines will not alter the present sediment control and drainage system.

The approved reclamation cost estimate provides for the reclamation of powder and cap magazines. Therefore, this amendment requires no change in either the reclamation cost estimate or the reclamation bond.

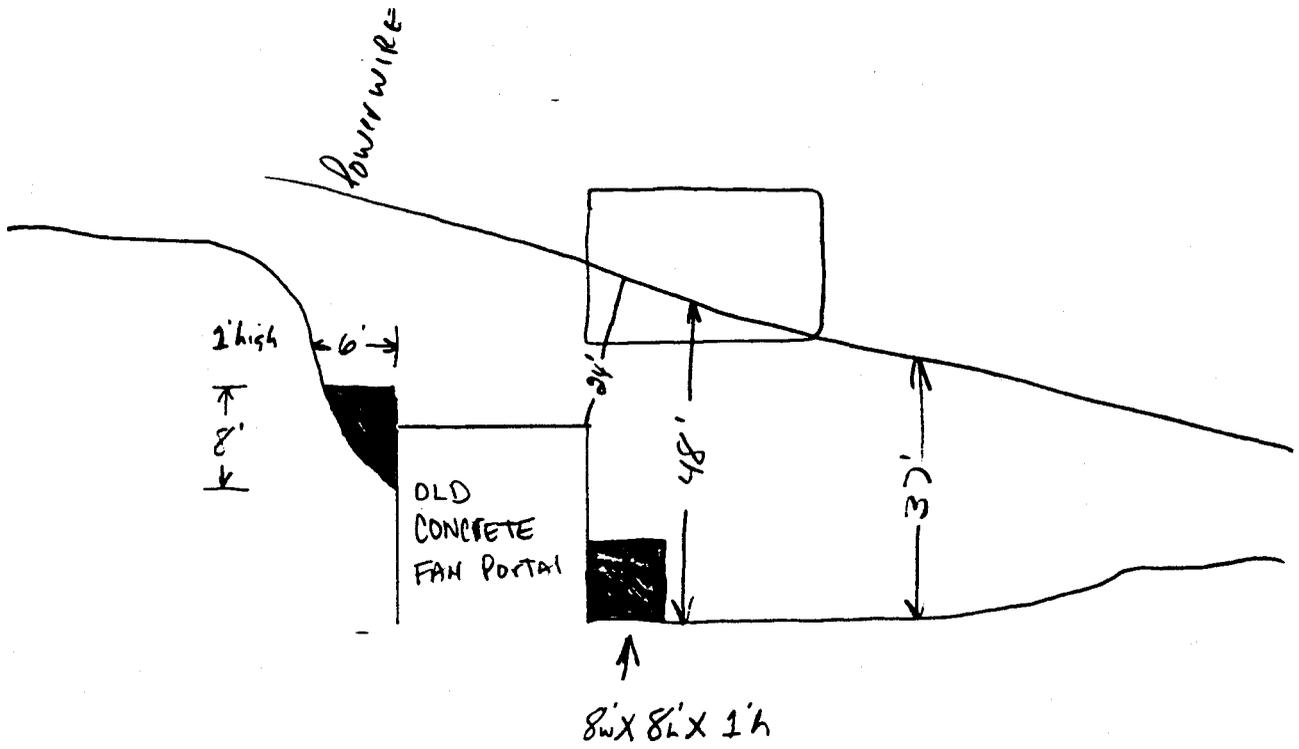


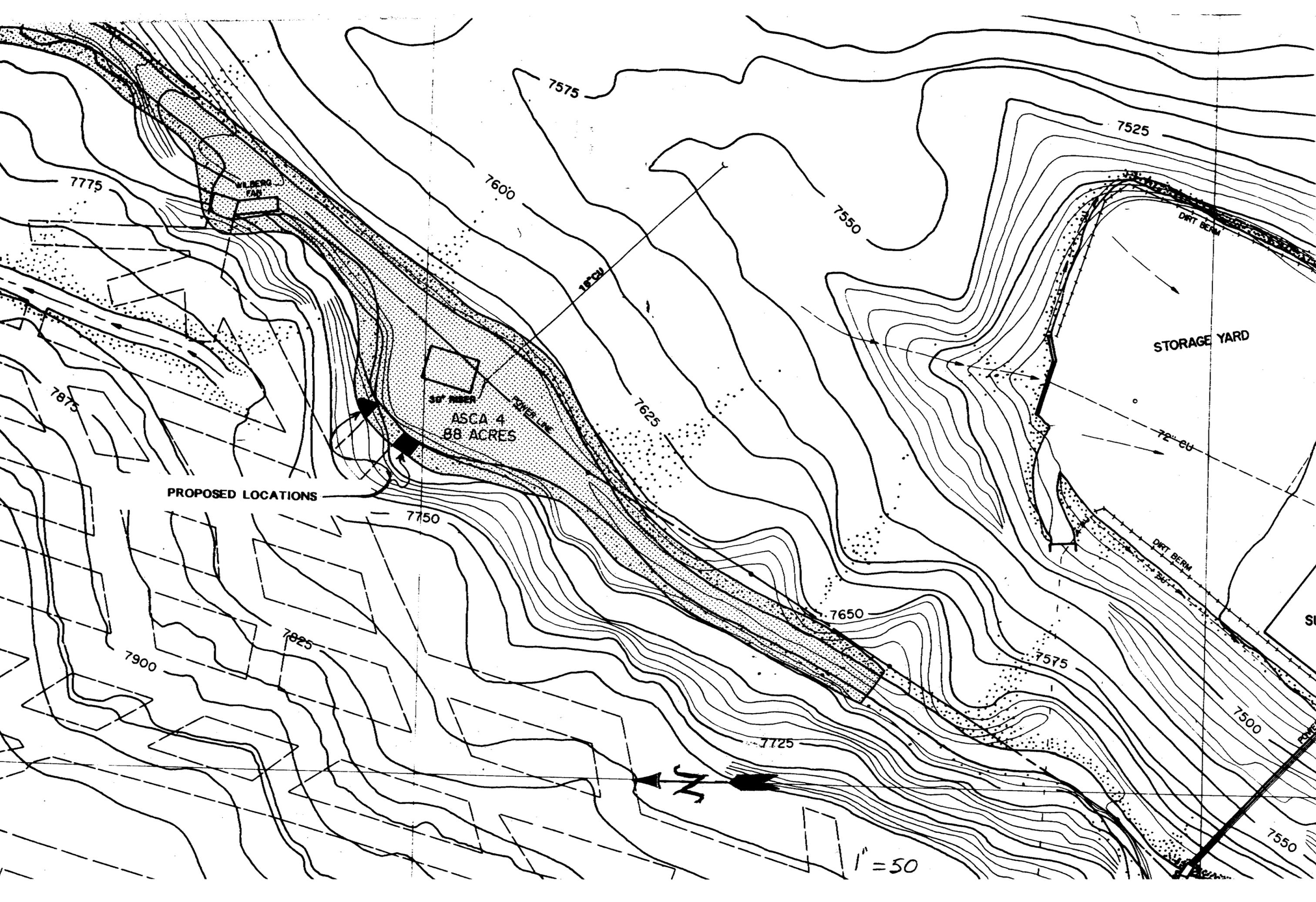
ACT/015/019
June 22, 1994
Page Two

RECOMMENDATIONS

It is recommended that this amendment be approved, subject to submission to the Division of revised surface facilities maps.

CC: Daron Haddock
Pamela Grubaugh-Littig





PROPOSED LOCATIONS

ASCA 4
88 ACRES

STORAGE YARD

1" = 50'



30" PIPER

WILBERG FAB

DIRT BERM

DIRT BERM

DIRT BERM

7575

7525

7550

7600

7625

7650

7575

7725

7750

7775

7875

7825

7900

7500

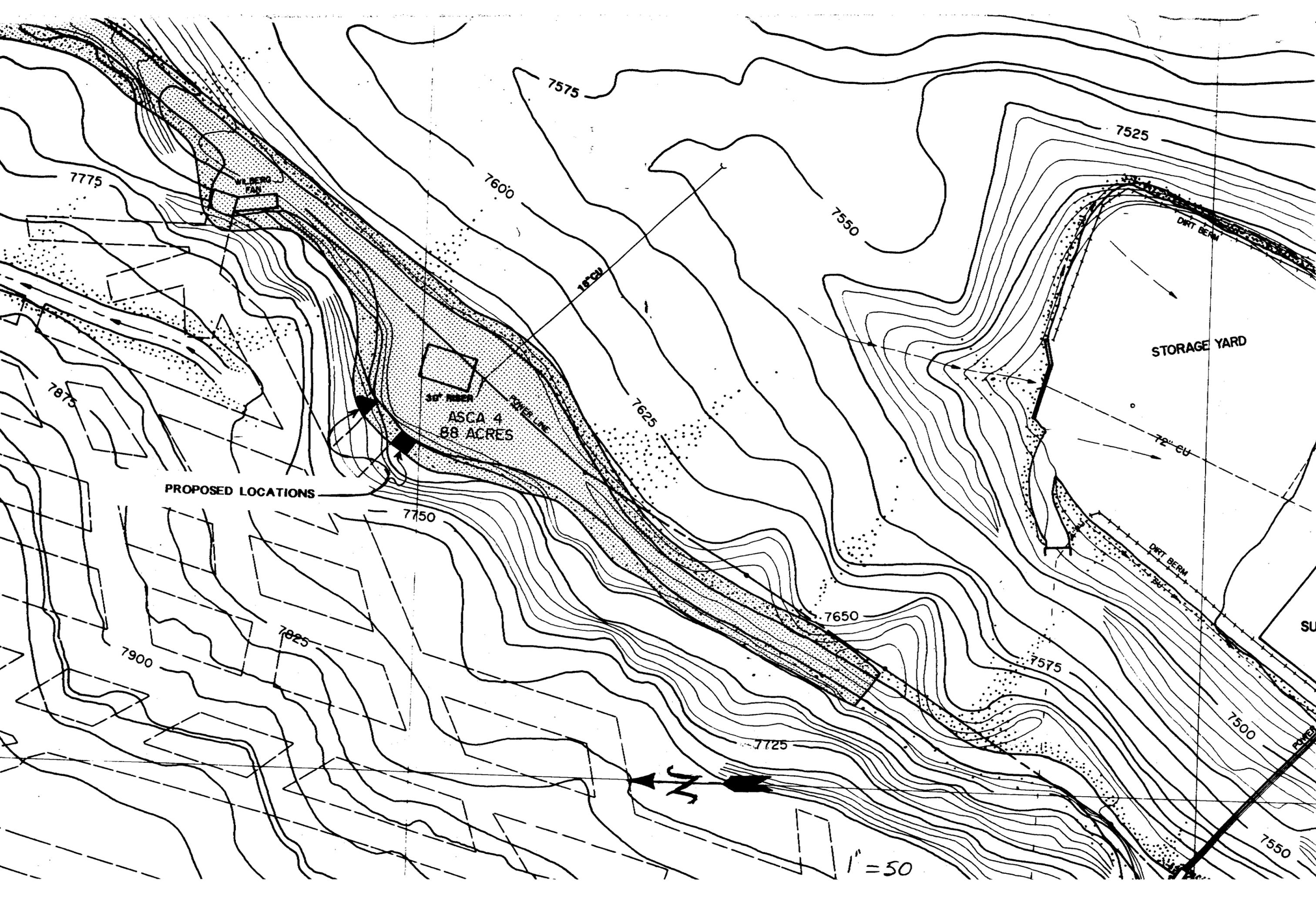
7550

18" CU

72" CU

DIRT BERM

ST



PROPOSED LOCATIONS

ASCA 4
88 ACRES

STORAGE YARD

1" = 50



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

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Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

June 20, 1994

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

Re: Initial Review Response--Accepted, Cottonwood/Wilberg Mine, PacifiCorp, ACT/015/019-94E, Folder #2, Emery County, Utah

Dear Mr. Payne:

The Division received on June 15 and June 20, 1994 the proposed amendment, Relocation of Powder and Cap Magazine, and has determined the application complete. This amendment has been assigned the permit change number, ACT/015/109-94E.

We anticipate completion of this review by July 15, 1994, at which time you will be notified of the amendment status.

If you have any questions or concerns, please feel free to call.

Sincerely,

A handwritten signature in cursive script, reading "Pamela Grubaugh-Littig".

Pamela Grubaugh-Littig
Permit Supervisor

ALTI



Explosives

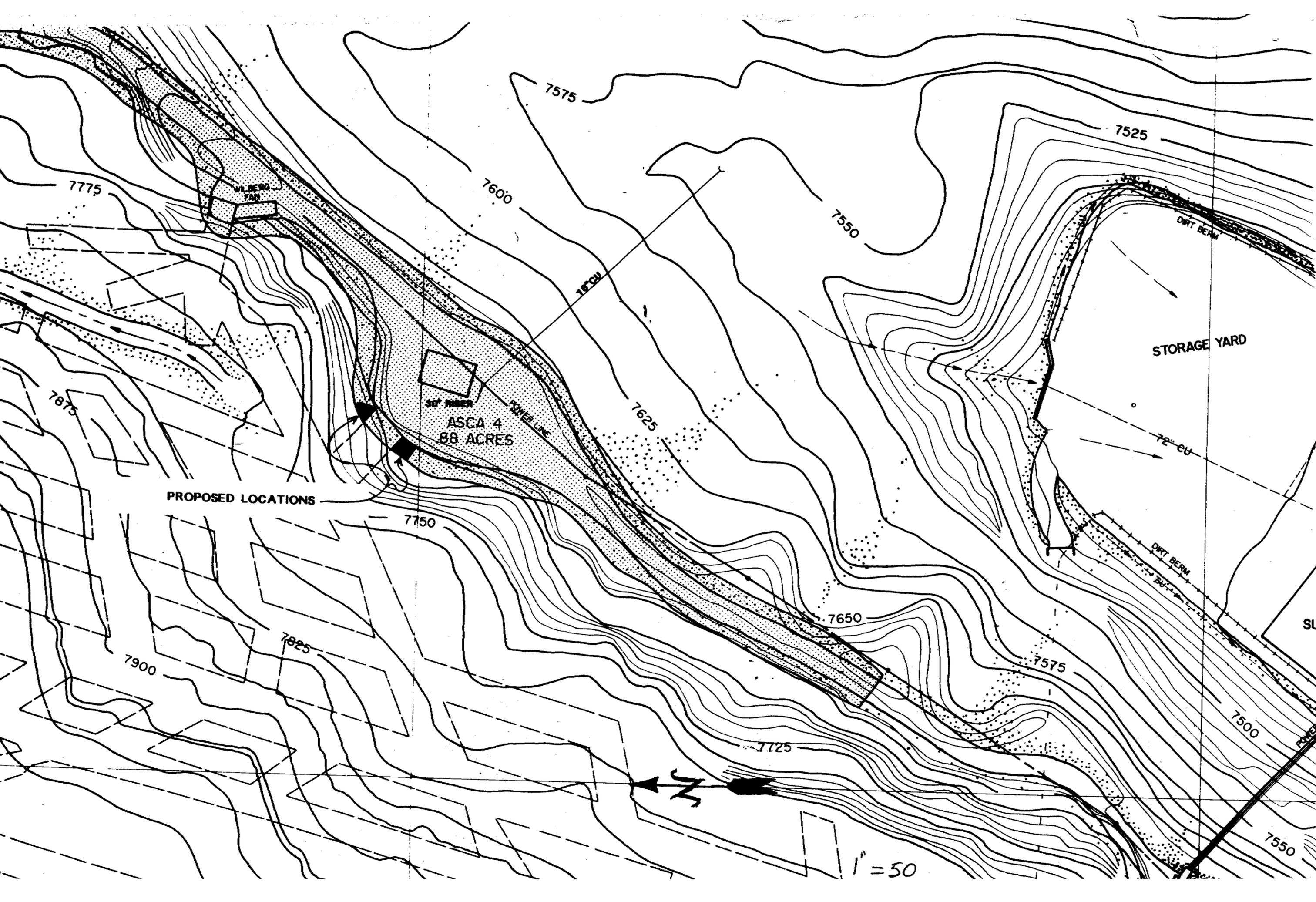
The explosive storage and handling facility at the Cottonwood facility is located on the Wilberg fan pad area in accordance with the appropriate State and Federal regulations. (See Map 3-16.)

Explosives

The explosive storage and handling facility at the Cottonwood facility is located on the Wilberg fan pad area in accordance with the appropriate State and Federal regulations. (See Map 3-16.)

Explosives

The explosive storage and handling facility at the Cottonwood facility is located on the Wilberg fan pad area in accordance with the appropriate State and Federal regulations. (See Map 3-16.)



PROPOSED LOCATIONS

ASCA 4
88 ACRES

STORAGE YARD

1" = 50'



WILBERG FARM

34" POWER

POWER LINE

DIRT BERM

DIRT BERM

72" CU

SU

RIVER

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



June 20, 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

94E

Attention Pamela Grubaugh Littig

**Re: REQUEST FOR AN AMENDMENT TO RELOCATE POWDER AND
CAP MAGAZINES, PACIFICORP, COTTONWOOD MINE
ACT/015/019, EMERY COUNTY, UTAH.**

phone conversations on June 17, 1994 about the proposed amendment to relocate
powder and cap magazines at the cottonwood mine. The reclamation cost were
not changed. The following reasons:

The size of the concrete pads and location of the pads provide for them to be
left and covered during final reclamation.

The resurfacing referred to in our June 9, 1994 letter will consist of graveling
the surface to provide access to the magazines during inclement weather and
does not add to the final reclamation costs.

Your help is greatly appreciated. If you have any questions please feel free to contact
Karl Houskeeper or myself at 653-2312

Sincerely,

Val Payne
Sr. Environmental Engineer

KK: [unclear]

enclosure(s)



June 9, 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

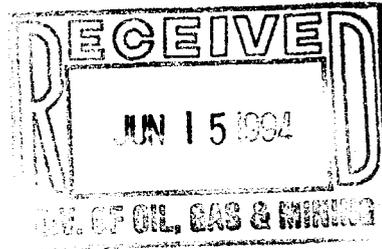
**Re: REQUEST FOR AN AMENDMENT TO RELOCATE POWDER AND
CAP MAGAZINES, PACIFICORP, COTTONWOOD MINE,
ACT/015/019, EMERY COUNTY, UTAH.**

Pacificorp requests that an amendment be granted to allow the relocation of the powder and cap magazines to the wilberg fan pad area. This proposed area is in the existing disturbed area. This area has been proposed to MSHA with no objections. The appropriate state and federal regulations will be followed to assure compliance.

Three (3) copies of a location map and diagram that shows the approximate dimensions is enclosed for your review. This relocation will require concrete foundations and resurfacing for access. The reclamation cost for this area is already included in the approved MRP and the addition of the concrete foundations does not affect the reclamation cost. Drainage from this area is already handled through the approved ASCA 4 area.

Please find enclosed three (3) copies of page 3-52.1 which has been revised. Since the entire text of this page has been changed the changes have not been highlighted or bolded as requested in the division letter dated May 16, 1994. When the relocation is completed Map 3-16 will be updated to reflect the surveyed location of the magazines and three copies will be sent to the division.

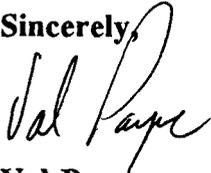
Needs to be shown in cost estimate. NH.



94E
Copy Pam
and
Bill
Malencik

Your help is greatly appreciated. If you have any questions please feel free to contact, Karl Houskeeper or myself at 653-2312

Sincerely,



**Val Payne
Sr. Environmental Engineer**

KRH\krh

enclosure(s)

**cc: Morgan Moon (with out enclosures)
John Christensen (with out enclosures)
Kevin Tuttle (with out enclosures)
Randy Tatton (with out enclosures)
J. Blake Webster (with out enclosures)**