

0017



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)

October 31, 1997

*Approved
4-28-98.*

To: File

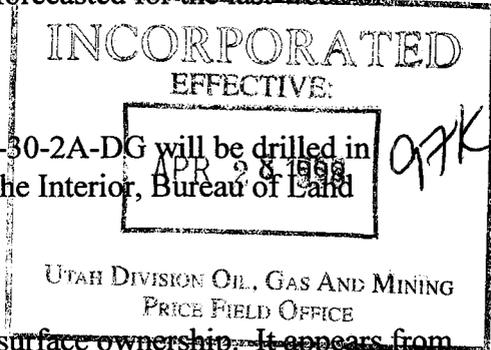
Thru: Jesse Kelley, Senior Reclamation Specialist acting for
Joe Helfrich, Permit Supervisor, Compliance

From: Peter Hess, Reclamation Specialist III *PH*

RE: Degasification Well(s) Minor Exploration Permit, Cyprus Plateau Mining Corporation,
Willow Creek Mine, ACT/007/038-97K, Folder #2, Carbon County, Utah

Cyprus Plateau is proposing to drill two degasification wells to intercept and bleed off methane encountered during the mining of the first two longwall panels developed in the "D" seam at the Willow Creek Mine. The holes will not intercept the "D" seam. They will be stopped 30 to 50 feet above the seam. Caving of the roof strata post mining will allow the methane to bleed off to the wells. Although MSHA requires "bleeder" entries to prevent methane accumulations in "gob" areas, Cyprus apparently feels that these extra precautions are necessary for the protection and safety of the miners employed therein, to preserve and protect the property and to expedite mining. Anticipated life/usage of the degas wells is projected to be five years. Anticipated start up of the first longwall panel is forecasted for the last week of December, 1997.

- The degas wells, designated as 97-30-5-DG and 97-30-2A-DG will be drilled in Section 30; (surface is regulated by the U.S. Dept of the Interior, Bureau of Land Management).



- I believe access to Section 30 will be from Cyprus surface ownership. It appears from Map 19-A, Revision 3 that access will take off from the NE end of the School House Canyon refuse pile.



Page 2

File/J. Kelley/J. Helfrich

ACT/007/038-97K

October 31, 1997

The BLM is the lead agency here. I have forwarded copies of 97K to the following individuals/agencies for their review and comment.

- 1) George Tetrault, BLM, Price, Utah
- 2) Ben Morris, DWR, Price, Utah
- 3) John Baza, Associate Director, Oil and Gas, DOGM, SLC, Utah

At this point, I would recommend that the Coal Program portion of the Division proceed with the review of 97K, in coordination with the various government agencies involved. At this point, (in speaking with Mr. Daron Haddock of the DOGM, SLC), I have a concern as to whether this is an exploration permit. Exploration permits are generally granted to determine geologic conditions immediately above and within a coal seam. As noted in the first paragraph of this letter, the holes will stop 30 to 50 feet short of the coal seam. Also, coal degasification is generally done prior to mining and not post coal extraction, as in this case. I believe we should touch base with MSHA to determine if these holes are really necessary. Is there a history of methane accumulation in gob areas in other mines of the immediate area?

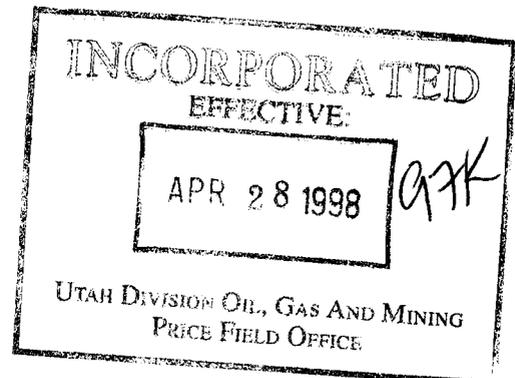
In closing, there are too many questions here for this individual to answer alone. Obviously, we probably need some policy determinations. I have kept one copy of Cyprus' submittal for reference, and am forwarding all others (those remaining less the three mentioned on page one) to the DOGM, SLC.

All comments by Utah government agencies should be forwarded to Joe Helfrich, Permit Supervisor-Compliance, Utah Division of Oil, Gas, and Mining.

sd

cc:

Mary Ann Wright, Associate Director of Mining, DOGM, SLC
John Baza, Associate Director of Oil and Gas, DOGM, SLC
Daron Haddock, Permit Supervisor, Permitting, DOGM, SLC
Joe Helfrich, Permit Supervisor, Compliance, DOGM, SLC
George Tetrault, USBLM, Price, Utah
Ben Morris, Utah DWR, Price, Utah



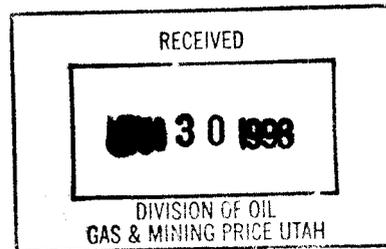


**CYPRUS PLATEAU
MINING CORPORATION**
A Cyprus Amax Company

Cyprus Plateau Mining Corporation
Post Office Drawer PMC
Price, Utah 84501
(801) 637-2875

January 29, 1998

Ms. Pamela Grubaugh-Littig
Utah Division of Oil, Gas and Mining
1594 West North Temple, Ste 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801



Re: Degassification Well Deficiency Response, Cyprus Plateau Mining Corporation, Willow Creek Mine, ACT/007/038-97K, File #2, Carbon County, Utah

Dear Ms. Grubaugh-Littig:

Regarding the aforementioned, it is in response to the Division's December 1997 letter enclosed has addressed each deficiency listed in the letter.

2/2/98

Please refer to the C1 and C2 permits required a revision. In addition, a copy of the permit. Where the permit number (e.g. 4.2 example, after page 5.4-1 shifted text. Regarding page 4. modification ACT/ placed back on to p

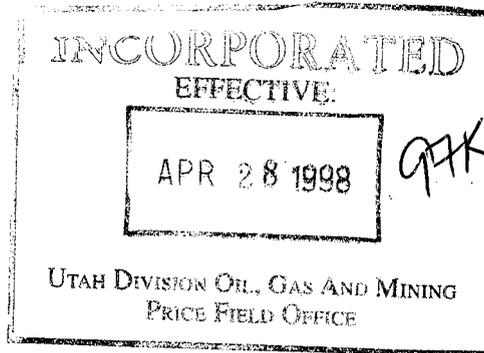
Steph - I called PGL and she instructed us to keep one copy for PFO. Others went to OSLO. PH

The case of the next.

If you have any questions,

Sincerely,

Johnny Pappas
Sr. Environmental Engineer



File: ENV2.5.2.12.5.4
Chrono: JP980112.ltr

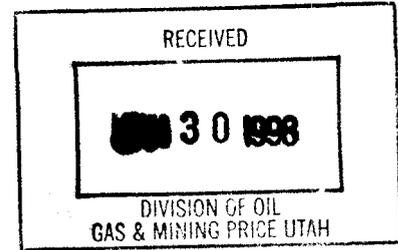


**CYPRUS PLATEAU
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Re: Degassification Well Deficiency Response, Cyprus Plateau Mining Corporation, Willow Creek Mine, ACT/007/038-97K, File #2, Carbon County, Utah

Dear Ms. Grubaugh-Littig:

Regarding the aforementioned, it is in response to the Division's December 19, 1997, letter. The enclosed has addressed each deficiency listed in the letter.

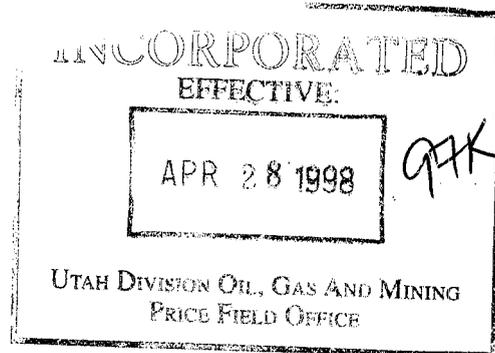
Please refer to the C1 and C2 forms for revised permit pages and maps. For each text page that required a revision, a copy of the page is included with redline and strikeout for your review, in addition, a copy of each page without redline and strikeout is included for direct insertion into the permit. Where additional text shifted onto a new page, a new page has been added with a lower case number (e.g. 4.2-3a); the new page should be inserted after the page with revised text, in the case of the example, after page 4.2.3. Page 5.4-2 has been included as revised because additional text on page 5.4-1 shifted text to it, and there is not redline strikeout version since there is no revised or added text. Regarding page 4.2-3, it does not change because text was modified during July 1996, under modification ACT/007/038-96C. Page 5.4-14 regarding language on erosional features has been placed back on to page following its unintentional removal.

If you have any questions, please do not hesitate to contact me at (435) 472-4741.

Sincerely,

Johnny Pappas
Sr. Environmental Engineer

File: ENV2.5.2.12.5.4
Chrono: JP980112.ltr



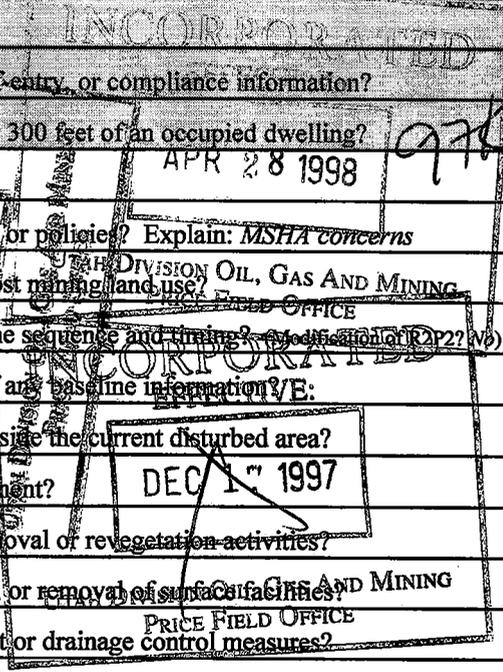
APPLICATION FOR PERMIT PROCESSING

Permit Change <input checked="" type="checkbox"/>	New Permit <input type="checkbox"/>	Renewal <input type="checkbox"/>	Transfer <input type="checkbox"/>	Exploration <input type="checkbox"/>	Bond Release <input type="checkbox"/>	Permit Number: ACT/007/038
Title of Proposal: Addition of two methane degassification wells and mine layout revision.						Mine: WILLOW CREEK
						Permittee: CYPRUS PLATEAU

Description, include reason for application and timing required to implement: Two methane degassification wells are needed in the longwall gob to help prevent possible dangerous accumulations of methane, and impacts to safety or mine employees.

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 an inspector.

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	1. Change in the size of the Permit Area? _____ acres Disturbed Area? <u>0.8</u> acres <input checked="" type="checkbox"/> increase <input type="checkbox"/> decrease.
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	2. Is the application submitted as a result of a Division Order? DO # _____
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	3. Does application include operations outside a previously identified Cumulative Hydrologic Impact Area?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	4. Does application include operations in hydrologic basins other than as currently approved?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	5. Does application result from cancellation, reduction or increase of insurance or reclamation bond?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	6. Does the application require or include public notice/publication?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	7. Does the application require or include ownership, control, right-of-entry, or compliance information?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	9. Is the application submitted as a result of a Violation? NOV # _____
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	10. Is the application submitted as a result of other laws or regulations or policies? Explain: <u>MSHA concerns</u>
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	11. Does the application affect the surface landowner or change the post mining land use?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	12. Does the application require or include underground design or mine sequence and timing? Modification of P2? <u>No</u>
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	13. Does the application require or include collection and reporting of any baseline information? <u>Y</u>
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	15. Does application require or include soil removal, storage or placement?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	16. Does the application require or include vegetation monitoring, removal or revegetation activities?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	17. Does the application require or include construction, modification, or removal of surface facilities?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	18. Does the application require or include water monitoring, sediment or drainage control measures?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	19. Does the application require or include certified designs, maps, or calculations?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	20. Does the application require or include subsidence control or monitoring? <u>No change to monitoring plan - same</u>
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	21. Have reclamation costs for bonding been provided for?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	22. Does application involve a perennial stream, a stream buffer zone or discharges to a stream?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	23. Does the application affect permits issued by other agencies or permits issued to other entities? <u>BLM exploration</u>



Attach 5 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)

John Pappas - Johnny Pappas - Sr. Envir. Engineer 1/29/98
Signed - Name - Position - Date

Subscribed and sworn to before me this 27 day of JAN, 19 98

Jackie D Bogdin
Notary Public



Notary Public
JACKIE D. BOGDIN
104 Helper Drive
Helper, Utah 84526
My Commission Expires
March 15, 2001
State of Utah

My Commission Expires: _____
Attest: STATE OF UTAH
COUNTY OF CARBON

Received by Oil, Gas & Mining

JAN 30 1998

DIVISION OF OIL
GAS & MINING PRICE UTAH

ASSIGNED TRACKING NUMBER
97K

Application for Permit Processing Detailed Schedule of Changes to the MRP

Title of Application:

Addition of two methane degassification wells and mine layout revision.

Permit Number: ACT/007/038

Mine: WILLOW CREEK

Permittee: CYPRUS PLATEAU

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

			DESCRIPTION OF MAP, TEXT, OR MATERIALS TO BE CHANGED
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	List of Figures, page LOF-ii in Volumes 1, 2, & 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	List of Maps, page LOM-ii in Volumes 1, 2, 3, 4, 5, 6, & 7
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Map 19A in Volume 6
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.2-3a in Section 4.2, Volume 3
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.2-3b in Section 4.2, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.5-27 in Section 4.5, Volume 3
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE		<i>replaced</i> 7a in Section 4.5, Volume 3
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE		<i>10/1/98</i> 17, Page 4.5-27b to Section 4.5, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE		<i>10/1/98</i> 7 in Section 4.5, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE		<i>10/1/98</i> 9 in Section 4.5, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE		<i>10/1/98</i> 7 in Section 4.5, Volume 3
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE		<i>10/1/98</i> 7a to Section 4.5, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE		<i>10/1/98</i> 8 to Section 4.5, Volume 3
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE		<i>10/1/98</i> 8a to Section 4.5, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE		<i>10/1/98</i> 9 in Section 4.5, Volume 3
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE		<i>10/1/98</i> 9a to Section 4.5, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE		<i>10/1/98</i> 5 in Section 4.5, Volume 3
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE		<i>10/1/98</i> 5a to Section 4.5, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE		<i>-</i> 1 and 5.4-2 in Section 5.4, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE		<i>-</i> in Section 5.4, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE		<i>10/1/98</i> 4 in Section 5.4, Volume 3
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE		<i>10/1/98</i> Volume 7
<input type="checkbox"/> ADD	<input type="checkbox"/> REPLACE		<i>-</i>

INCORPORATED
EFFECTIVE:
DEC 17 1997

UTAH DIVISION OIL, GAS AND MINING
PRICE FIELD OFFICE

INCORPORATED
EFFECTIVE:
APR 28 1998

Any other specific or special instructions

Where text has been revised, the second copy is revised for the next page of MRP text, in the new page of text after the

8/98

is proposal into the Mining and Reclamation Plan?

UTAH DIVISION OIL, GAS AND MINING
pages are attached, one copy shows the revisions in redline/strikeout, and the MRP without redline/strikeout. In some cases, the addition of text shifts text to the number such as 4.5-23a and the text does not change. In this case simply insert the

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<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.5-27a in Section 4.5, Volume 3
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Figure 4.5-17, Page 4.5-27b to Section 4.5, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.5-37 in Section 4.5, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.5-39 in Section 4.5, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.5-47 in Section 4.5, Volume 3
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.5-47a to Section 4.5, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.5-48 to Section 4.5, Volume 3
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.5-48a to Section 4.5, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.5-49 in Section 4.5, Volume 3
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.5-49a to Section 4.5, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.5-55 in Section 4.5, Volume 3
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.5-55a to Section 4.5, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Pages 5.4-1 and 5.4-2 in Section 5.4, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 5.4-11 in Section 5.4, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 5.4-14 in Section 5.4, Volume 3
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Map 30 to Volume 7
<input type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	

INCORPORATED
 EFFECTIVE:

DEC 27 1997

 UTAH DIVISION OIL, GAS AND MINING
 PRICE FIELD OFFICE

INCORPORATED
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APR 28 1998

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

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UTAH DIVISION OIL, GAS AND MINING
PRICE FIELD OFFICE



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

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

2nd
 COPY

October 31, 1997

To: File

Thru: Jesse Kelley, Senior Reclamation Specialist acting for *JK* for Joe Helfrich
 Joe Helfrich, Permit Supervisor, Compliance

From: Peter Hess, Reclamation Specialist III *PH*

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ACT/007/038-97K

October 31, 1997

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All comments by Utah government agencies should be forwarded to Joe Helfrich, Permit Supervisor-Compliance, Utah Division of Oil, Gas, and Mining.

sd

cc:

Mary Ann Wright, Associate Director of Mining, DOGM, SLC
John Baza, Associate Director of Oil and Gas, DOGM, SLC
Daron Haddock, Permit Supervisor, Permitting, DOGM, SLC
Joe Helfrich, Permit Supervisor, Compliance, DOGM, SLC
George Tetrault, USBLM, Price, Utah
Ben Morris, Utah DWR, Price, Utah



State of Utah
DEPARTMENT OF NATURAL RESOURCES
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Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

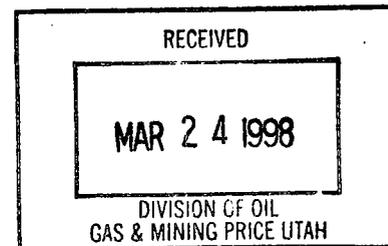
Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

March 16, 1998



Johnny Pappas, Senior Environmental Engineer
AMAX Coal Company
P.O. Drawer PMC
Price, Utah 84501

Re: Degasification Wells, Cyprus Plateau Mining Company, Willow Creek Mine, ACT/007/038-97K, File #3, Carbon County, Utah

Dear Mr. Pappas:

Two items need to be addressed prior to approving this amendment. Please submit five clean copies of the referenced amendment and revise your current bond amount as follows by March 24, 1998:

BONDING AND INSURANCE REQUIREMENTS

Regulatory Reference: 30 CFR Sec. 800; R645-301-800, et seq.

Analysis:

Determination of bond amount

The permittee drilled 2 holes--designated 97-30-5-DG and 97-30-2A-DG-- during the Fall of 1997. The holes were drilled as exploration holes under an exploration permit and were drilled within the permit area. Now, however, the permittee intends to case and cap the holes and use them as degassification wells to remove gas from caved gob areas within the mine. As degassification wells, the holes will no longer be treated as exploration holes. Thus, both the wells and the road created to access them must be included within the disturbed area and subject to the same regulatory requirements, including final reclamation, as other operational surface facilities.

The permittee estimates the total cost of reclaiming the degassification wells, well pads and the access road to be \$10,859, in year 2001 dollars. When added to the reclamation cost estimate for the entire mine site, this raises that cost estimate to \$12,009,601, in year 2001 dollars. Since the present bond amount is \$11,949,205, the bond must be raised to at least \$12,009,601.

Findings:

The January 30, 1998 submittal fulfills the requirements of this section. However, the permittee must increase the bond from its present \$11,949,205 to *at least* \$12,009,601 in order to cover the additional costs associated with the reclamation of the degassification wells, well pads, and the access road.

Page 2
ACT/007/038-97K
March 16, 1998

If you have any questions please call.

Sincerely,



Joseph C. Helfrich
Permit Supervisor

tat

Enclosure

cc: Ranvir Singh, OSM
Richard Manus, BLM
Mark Page, Water Rights, w/o
Dave Ariotti, DEQ, w/o
Bill Bates, DWR, w/o
David T. Terry, SITLA, w/o
Price Field Office

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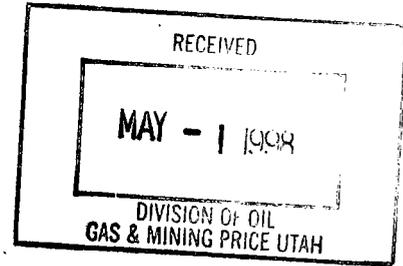


State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Lowell P. Braxton
Division Director

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

April 28, 1998



Johnny Pappas, Senior Environmental Engineer
AMAX Coal Company
P.O. Drawer PMC
Price, Utah 84501

Re: Degasification Wells, Cyprus Plateau Mining Company, Willow Creek Mine, ACT/007/038-97K, File #3, Carbon County, Utah

Dear Mr. Pappas:

The referenced amendment is hereby approved effective April 28, 1998. A stamped approved incorporated copy is enclosed for insertion in 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
Mark Page, Water Rights, w/o
Dave Ariotti, DEQ, w/o
Bill Bates, DWR, w/o
David T. Terry, SITLA, w/o
Price Field Office

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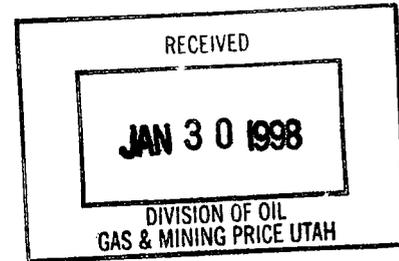
**CYPRUS PLATEAU
MINING CORPORATION**

A Cyprus Amax Company

Cyprus Plateau Mining Corporation
Post Office Drawer PMC
Price, Utah 84501
(801) 637-2875

January 29, 1998

Ms. Pamela Grubaugh-Littig
Utah Division of Oil, Gas and Mining
1594 West North Temple, Ste 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801



Re: Degassification Well Deficiency Response, Cyprus Plateau Mining Corporation, Willow Creek Mine, ACT/007/038-97K, File #2, Carbon County, Utah

Dear Ms. Grubaugh-Littig:

Regarding the aforementioned, it is in response to the Division's December 19, 1997, letter. The enclosed has addressed each deficiency listed in the letter.

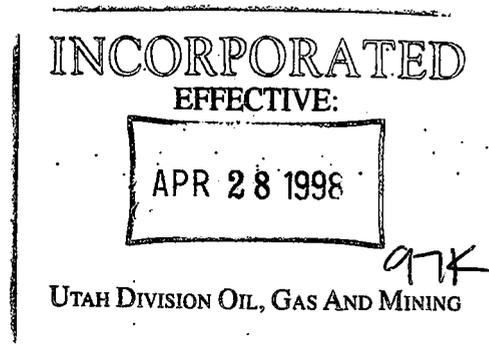
Please refer to the C1 and C2 forms for revised permit pages and maps. For each text page that required a revision, a copy of the page is included with redline and strikeout for your review, in addition, a copy of each page without redline and strikeout is included for direct insertion into the permit. Where additional text shifted onto a new page, a new page has been added with a lower case number (e.g. 4.2-3a); the new page should be inserted after the page with revised text, in the case of the example, after page 4.2.3. Page 5.4-2 has been included as revised because additional text on page 5.4-1 shifted text to it, and there is not redline strikeout version since there is no revised or added text. Regarding page 4.2-3, it does not change because text was modified during July 1996, under modification ACT/007/038-96C. Page 5.4-14 regarding language on erosional features has been placed back on to page following its unintentional removal.

If you have any questions, please do not hesitate to contact me at (435) 472-4741.

Sincerely,

Johnny Pappas
Sr. Environmental Engineer

File: ENV2.5.2.12.5.4
Chrono: JP980112.ltr



APPLICATION FOR PERMIT PROCESSING

<input checked="" type="checkbox"/> Permit Change	<input type="checkbox"/> New Permit	<input type="checkbox"/> Renewal	<input type="checkbox"/> Transfer	<input type="checkbox"/> Exploration	<input type="checkbox"/> Bond Release	Permit Number: ACT/007/038
Title of Proposal: Addition of two methane degassification wells and mine layout revision.						Mine: WILLOW CREEK
						Permittee: CYPRUS PLATEAU

Description, include reason for application and timing required to implement: Two methane degassification wells are needed in the longwall gob to help prevent possible dangerous accumulations of methane, and impacts to safety or mine employees.

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 an inspector.

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	1. Change in the size of the Permit Area? _____ acres Disturbed Area? <u>0.8</u> acres <input checked="" type="checkbox"/> increase <input type="checkbox"/> decrease.
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	2. Is the application submitted as a result of a Division Order? DO # _____
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	3. Does application include operations outside a previously identified Cumulative Hydrologic Impact Area?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	4. Does application include operations in hydrologic basins other than as currently approved?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	5. Does application result from cancellation, reduction or increase of insurance or reclamation bond?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	6. Does the application require or include public notice/publication?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	7. Does the application require or include ownership, control, right-of-entry, or compliance information?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	9. Is the application submitted as a result of a Violation? NOV # _____
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	10. Is the application submitted as a result of other laws or regulations or policies? Explain: <i>MSHA concerns</i>
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	11. Does the application affect the surface landowner or change the post mining land use?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2? <i>No</i>)
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	13. Does the application require or include collection and reporting of any baseline information?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	15. Does application require or include soil removal, storage or placement?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	16. Does the application require or include vegetation monitoring, removal or revegetation activities?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	17. Does the application require or include construction, modification, or removal of surface facilities?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	18. Does the application require or include water monitoring, sediment or drainage-control measures?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	19. Does the application require or include certified designs, maps, or calculations?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	20. Does the application require or include subsidence control or monitoring? <i>No change to monitoring plan - same</i>
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	21. Have reclamation costs for bonding been provided for?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	22. Does application involve a perennial stream, a stream buffer zone or discharges to a stream?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	23. Does the application affect permits issued by other agencies or permits issued to other entities? <i>BLM exploration</i>

Attach 5 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)

John Pappas - Sr. Envir. Engineer 1/23/98
 Signed - Name - Position - Date

Subscribed and sworn to before me this 29 day of JAN, 19 98

Jackie D Bogdin
 Notary Public



Notary Public
JACKIE D. BOGDIN
 104 Helper Drive
 Helper, Utah 84526
 My Commission Expires
 March 15, 2001
 State of Utah

My Commission Expires: 3-15-2001
 Attest: STATE OF UTAH
 COUNTY OF CARBON

INCORPORATED

Received by Oil, Gas & Mining
EFFECTIVE:

APR 28 1998

DIVISION OF OIL
 GAS & MINING PRICE UTAH

UTAH DIVISION OIL, GAS AND MINING
 ASSIGNED TRACKING NUMBER

Application for Permit Processing Detailed Schedule of Changes to the MRP

Title of Application:	Permit Number: ACT/007/038
Addition of two methane degassification wells and mine layout revision.	Mine: WILLOW CREEK
	Permittee: CYPRUS PLATEAU

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
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	List of Figures, page LOF-ii in Volumes 1, 2, & 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	List of Maps, page LOM-ii in Volumes 1, 2, 3, 4, 5, 6, & 7
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Map 19A in Volume 6
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.2-3a in Section 4.2, Volume 3
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.2-3b in Section 4.2, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.5-27 in Section 4.5, Volume 3
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.5-27a in Section 4.5, Volume 3
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Figure 4.5-17, Page 4.5-27b to Section 4.5, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.5-37 in Section 4.5, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.5-39 in Section 4.5, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.5-47 in Section 4.5, Volume 3
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.5-47a to Section 4.5, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.5-48 to Section 4.5, Volume 3
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.5-48a to Section 4.5, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.5-49 in Section 4.5, Volume 3
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.5-49a to Section 4.5, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.5-55 in Section 4.5, Volume 3
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 4.5-55a to Section 4.5, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Pages 5.4-1 and 5.4-2 in Section 5.4, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 5.4-11 in Section 5.4, Volume 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Page 5.4-14 in Section 5.4, Volume 3
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Map 30 to Volume 7
<input type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	

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

Where text has been revised, two copies of the revised pages are attached, one copy shows the revisions in redline/strikeout, and the second copy is revised for direct insertion into the MRP without redline/strikeout. In some cases, the addition of text shifts text to the next page of MRP text, in this case the page is given a number such as 4.5-23a and the text does not change. In this case simply insert the new page of text after the page 4.5-23.

INCORPORATED

APR 28 1997

UTAH DIVISION OIL, GAS AND MINING