

0017

United States
Department of
Agriculture

Forest
Service

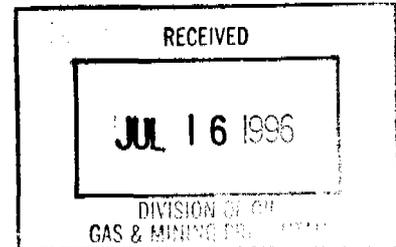
Manti-La Sal
National Forest

Permit Amendment
599 West Price River Dr.
Price, Utah 84501
(801) 637-2817

File Code: 2820

Date: July 10, 1996

Mr. William Malencik
Reclamation Specialist
Division of Oil, Gas, and Mining
451 East 400 North, Room 115
Price, UT 84501



Dear Bill:

ACT/007/006 #2

As requested, the Manti-La Sal National Forest has evaluated the Revision to In-Mine Water Monitoring Program for the Cyprus Plateau mine. This revision indicates that in-mine well P92-03-WD has been abandoned, and that in-mine well P92-01-WD (the nested well) could also be lost upon sealing the south mains in the Gentry Ridge area. Continuous monitoring of the potentiometric surface in this area must be maintained.

Discussions with the mining company indicate that the possibility exists to retain access to P92-01-WD after the mains have been sealed. If this is the case, we feel that adequate wells will be available to monitor ground-water levels in that area. However, if this well is rendered inaccessible or unusable after sealing the mains, then we would require installing a replacement well close to the original location with completions in the same zones that are currently being monitored.

Please contact Liane Mattson or Carter Reed if you have any questions, or need further information.

Sincerely,

Janette S. Kaiser
for
JANETTE S. KAISER
Forest Supervisor

cc:
J. Pappas, Cyprus Plateau Mining Corporation
D-2/3
L. Mattson

0017

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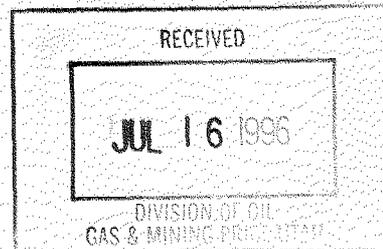
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Sincerely,

Janette S. Kaiser
for
JANETTE S. KAISER
Forest Supervisor

cc:
J. Pappas, Cyprus Plateau Mining Corporation
D-2/3
L. Mattson

TRACKING FORM

I. KEY FEATURES OF PERMITTEE'S AMENDMENT APPLICATION

Permittee Cyprus Plateau	Mine Name Starpoint Mine	Amendment # ACT/007/006-96A	Date Received / By 4-22-96 / usmail
Proposal: Revision to In-Mine Water Monitoring Program			
Description: amend the current in-mine monitoring program, changes are necessary as sections of the mine are abandoned & sealed.			

II. AMENDMENT CLASSIFICATION

<input type="checkbox"/> Major Amendment	Public Notice Required	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<input checked="" type="checkbox"/> Minor Amendment	Outside of Permit Area	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
	Outside of Disturbed Area	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

III. SUMMARY OF DOGM PROCESSING DATES

Reviews Completed	7/1/96	FOLLOWUP REQUIREMENTS		
Approved Effective	7/2/96	MRP Non-Cons Documents	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Disapproved		TA	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Mailed	7/8/96	CHIA	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Filed MRP	SLO	Responds Within 15 days of Receipt? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, explain below. Other agency coordination		

IV. COORDINATED REVIEWS

EXTERNAL AGENCIES (Mine Specific) (Adverse Comments, if Any, include in Item V)	DOGM REVIEWS/DISCIPLINES			
	COPY SENT	CONTACTED		
OSM	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input type="checkbox"/> N/A	Generalists of WUM	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A
BLM	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input type="checkbox"/> N/A	INTERDISCIPLINARY APPROACH 6/	
US Forest Service Porter Russ Hagg	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> C <input type="checkbox"/> N/A	Administrative Discussed 5/2/96	<input type="checkbox"/> Yes <input type="checkbox"/> N/A
US Fish & Wildlife	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input type="checkbox"/> N/A	- Biology	<input type="checkbox"/> Yes <input type="checkbox"/> N/A
US National Parks	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input type="checkbox"/> N/A	- Engineering	<input type="checkbox"/> Yes <input type="checkbox"/> N/A
UT Environmental Quality	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input type="checkbox"/> N/A	- Geology	<input type="checkbox"/> Yes <input type="checkbox"/> N/A
UT Wildlife Resources	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input type="checkbox"/> N/A	- Hydrology Steve Johnson	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> N/A
UT State History	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input type="checkbox"/> N/A	- Soils USFS	<input type="checkbox"/> Yes <input type="checkbox"/> N/A
UT Water Rights	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> C <input type="checkbox"/> N/A	- Permitting	<input type="checkbox"/> Yes <input type="checkbox"/> N/A
UT SITLA	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input type="checkbox"/> N/A	- Other	<input type="checkbox"/> Yes <input type="checkbox"/> N/A
Other	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input type="checkbox"/> N/A		

V. FOOTNOTES/ADDITIONAL EXPLANATION AS NECESSARY

a/ This amendment requires an interdisciplinary approach with the ground water hydrology being the major concern. See enclosed letter by WUM to CPMC dated 5/2/96. Under existing instructions (1) J.H. has the first responsibility an interdisciplinary approach, however per discussion with J.H. and Steve Johnson neither had any problems with approving the amendment. Also discussed amendment with **Tom Wright**.

(2) See Homer Allen & Luce letter to Steve dated 3/1/96

b/ See approval letter 7/2/96 that indicates hydrologist involvement in the



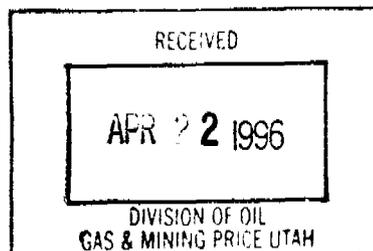
**CYPRUS PLATEAU
MINING CORPORATION**
A Cyprus Amax Company

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

April 18, 1996

Mr. William J. Malencik
Reclamation Specialist
Division of Oil, Gas and Mining
451 East 400 North, Rm 115
Price, UT 84501

96A



Re: Revision to In-Mine Water Monitoring Program, Cyprus Plateau Mining Corporation, Star Point Mines, ACT/007/006

Dear Mr. Malencik:

As discussed with you on April 17, 1996, and ongoing discussions with Mr. Steve Johnson, enclosed is an Application for Permit Change to amend the current in-mine monitoring program. These changes are necessary as sections of the mine are abandoned and sealed.

It is Cyprus Plateau Mining Corporation's (CPMC) intent to abandon well P92-03-WD within the next two to four weeks as crews progress out of the southern mine block of the Gentry Ridge tract. Presently, retreat mining is within 700 feet of this well. CPMC will have a licensed driller oversee the abandonment of this well.

As retreat mining progresses northward, it will become necessary to abandon well P92-01-WD (triple nested well) prior to the sealing of the southern mine block of Gentry Ridge tract. Well P92-01-WD will be monitored for as long as possible. It is anticipated that this well will be abandoned during the latter part of 1996.

To update the MRP, CPMC is removing mine flow 1W4 from its monitoring program, because of the area being sealed; thereby precluding access to 1W4.

Please forward this information as necessary for review and approval at your earliest convenience. If you have any questions or need additional information, please do not hesitate to contact me at (801) 636-2289 or Mr. David Hansen (Hansen, Allen & Luce) at (801) 566-5599.

Sincerely,

Johnny Pappas
Environmental Engineer

Enclosures

APPLICATION FOR PERMIT CHANGE

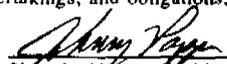
Title of Change: April 1996 modification to in-mine water monitoring program.	Permit Number: ACT / 007 / 006 <hr/> Mine: Star Point Mines <hr/> Permittee: Cyprus Plateau Mining Co.
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Description, include reason for change and timing required to implement:
 With mining retreat and closure of select mining areas it is necessary to abandon Station 1W4 and wells P92-01-WD & P92-03-WD. Changes have been made accordingly to Section 731.200 and to Map 722.200a. Access to station 1W4 has been lost due to mine sealing and the wells indicated will be abandoned and lost starting within the next two to four weeks.

<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 checked="" type="checkbox"/> Yes	<input 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, 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.

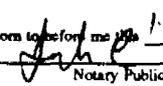
 Environmental Engineer 4/19/96
 Signed - Name - Position - Date

Received by Oil, Gas & Mining
RECEIVED

APR 22 1996

DIVISION OF OIL
GAS & MINING PRICE UTAH

Subscribed and sworn to before me this 11 day of APRIL, 1996.

 Notary Public
3-7 1998
UTAH
CARBON

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



JOHN C. PAPPAS
 NOTARY PUBLIC • STATE OF UTAH
 1848 EAST CASTLE CIRCLE
 PRICE, UTAH 84301
 COMM. EXP. 3-7-98

ASSIGNED PERMIT CHANGE NUMBER

The mitigation plan shown in the exhibit included drilling a lateral borehole to the stream channel from the mine, thereby providing a drainage conduit from the mine to discharge water that may be intercepted by in-mine subsidence cracks. It was the intent that if the streamflow was reduced by more than 50 percent for more than 30 days, inflow from the NFRF Miller Creek would be returned to the surface via the borehole to the stream channel. As potentially projected there was an impact to the NFRF of Miller Creek wherein the mitigation plan just discussed was put into action, but because of regulatory constraints and conflicting State law (prohibiting new discharges onto Forest Service lands) the plan had to be abandoned.

Upon stabilization of the ground surface, and when the area is safe for human activity, the channel restoration work discussed previously will be implemented. CPMC will notify the Division as soon as possible upon discovery of a crack or subsidence related impact to the NFRF Miller Creek.

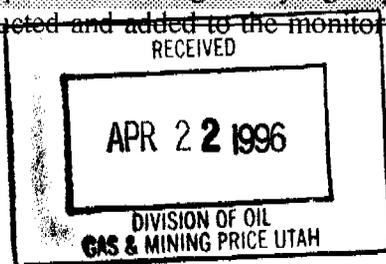
Longwall mining and continuous miner mining beneath Gentry Ridge in lease U-13097 and Castle Valley Ridge lease UTU-64263 has been designed to prevent subsidence damage to the Wild Cattle Hollow stream channel and Little Park Canyon channel. Subsidence monitoring data at the north end of lease U-13097 indicates an angle of draw of 26°. Mining in the area adjacent to the Wild Cattle Hollow stream channel and Castle Valley Ridge has been designed using an angle of draw of 26° to protect the stream channels. Data collected at several locations during the CPMC subsidence monitoring program indicates the maximum expected angle of draw is 26°. Subsidence monitoring in these areas is addressed in response to R645-301-525.100 in Volume III of this permit document.

731.210. GROUND-WATER MONITORING.

WATER MONITORING PLAN

An ongoing operational hydrologic monitoring plan has been carried out, and will be continued for each ground and surface water monitoring station shown on Map 722.200a. In addition to springs, ground water monitoring stations will include the ~~three~~ ~~four~~ in-mine water quality monitoring sites referred to as 1st West No. 6, ~~1st West No. 4,~~ 9th Left No. 12, and Gentry Ridge on Map 722.200a and the ~~six~~ ~~seven~~ in-mine wells (P-86-01-TD, P-86-02-HD, P-86-03-WD, ~~P92-01C-WD,~~ P92-02-WD, P92-03-WD, ~~and~~ P92-04-WD, and P93-01-WD) which have been drilled downward from the coal seams into the Star Point Sandstone and strata beneath the coal seams. In addition to the above stations, in-mine site 1st West No. 4 and in-mine wells P92-01C-WD and P92-03-WD have data through the time that they were abandoned.

~~In-mine water monitoring site referred to as 1st West No. 4 was lost when the mine section was sealed in July of 1994. In-mine wells P92-01C-WD will be lost upon sealing of the Gentry Ridge mains and P92-03-WD will be lost upon mining retreat of the Gentry Ridge tract. Due to the limited amount of time remaining for the life of mine, no more wells are anticipated to be drilled, except in the event that any one of the remaining monitoring sources is lost. A significantly long period of record has been developed between the remaining wells and lost wells P92-01C-WD and P92-03-WD to provide an understanding of local ground water conditions. In the event that any additional wells are accidentally lost, the operator commits to re-establish the monitoring station at the request of the regulatory agency. As the mine expands, additional in-mine wells will be constructed and added to the monitoring plan. At the present time it is believed that a minimum of~~



~~two in-mine wells will be drilled as shown on Maps 722.200a, and 728b. These wells will be located within the main north-south mine entries along the east side of the Castle Valley Ridge coal tract.~~

~~It is believed that the remaining monitoring stations, along with These wells and surface wells 86-26-6 and , in addition to wells 86-35-2-3, and other springs on lease U-13097 adequately monitor the potential impacts of mining in lease U-13097 and the potential impact area down water gradient. The remaining in-mine wells, surface well 92-10-1, and springs on lease UTU-64263, will adequately monitor, and the two proposed wells in lease UTU-64263 (Castle Valley Ridge) the potential impacts of mining in lease UTU-64263. Because of constraints with the Mine Safety and Health Administration regulations, it has become impossible to install monitoring wells at the west side of the longwall mining block. Because mining in the southern portion of Gentry Ridge is beneath the water table, it would be of little benefit to install wells in this area.~~

Data which has been to be obtained from some the in-mine wells include potentiometric surface and aquifer test data such as transmissivity. Piezometric surface data only will continue to be obtained from surface wells 86-26-6 and 92-10-1 because 1) the water surface depth in these wells is approximately 1,000 feet and 500 feet respectively or more below the ground surface and 2) because a 2 inch well casing was used on these wells due to depth and cost restraints. The three wells are completed or perforated in the Lower Blackhawk - Upper Star Point Formations to define the piezometric surface of the regional aquifer system. They were sealed above the Wattis Seam to avoid influence of the piezometric surface from water seeping down the hole from overlying perched aquifer systems. Shallow monitoring well 86-26-4 was completed in the uppermost perched aquifer system (illustrated by the uppermost sandstone shale interface) identified on Gentry Ridge as shown on Map 722.100a, but well 86-26-4 was recently lost due to siltation.

The selection of spring locations for inclusion in the ongoing monitoring program is the result of careful consideration of location, flow, lithology, potential for subsidence, water rights and current spring development. In general, an attempt was made to select developed springs with higher yields which were representative of the differing lithologic and aquifer characteristics of the area.

The selection of springs was governed by the desire to provide a broad data base. Proposed monitoring locations include some springs above old, new and future mine workings such as Springs S18-2, 229, 500, 429, 238, 494, 753, S11-1, S14-9, CVS-6, CVS-7, 232, 424, 444, 450, 452, 458, 492, 518, 530, 748, 749, 751, 971, 978, and some adjacent to potentially impacted areas such as 438, and some well outside the mine permit boundary such as Springs 85-26-1, 486, Birch Spring, and Bear Spring, and wells 85-35-1, and 86-35-2-3. The diversity of spring locations will allow for monitoring of both pristine areas as well as areas potentially impacted by subsidence. Higher yield characteristics of those springs chosen will also allow for continuity of sampling and provide a stronger assurance that continued sampling will be possible during drought years or during low flow fall periods. The proposed locations for some of the spring sampling as shown on Table 731.21a and on Map 722.200a previously referenced were revised by DOGM prior to preparation of the PAP.

Spring S18-2 which has been monitored for years is directly above mining in Section 18, T15S, R8E, and will provide data on possible impacts from longwall mining. Springs 299, 494, 238, and

500 were selected because they too are above mining in Section 18, T15S, R8E. If subsidence causes hazardous conditions which make it unsafe to monitor any spring, CPMC will notify the Division and discontinue monitoring.

Special considerations were given in selecting a monitoring schedule and parameters list for the stations included within the monitoring program. A summary of these considerations are listed in Table 731.210a, Purpose of Ground Water Monitoring Stations.

**HANSEN
ALLEN
& LUCE Inc**

Post-It™ Fax Note	7671	Date	6/3/96	# of pages	2
To	Bill Malencik	From	J. Pappas		
Co./Dept.		Co.			
Phone #		Phone #			
Fax #		Fax #			

OFFICE
0 East
84047
-5599

JUN '96 14:06 No.008 P.01

Mr. Steve Johnson
Utah Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
III Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

March 11, 1996

RE: Summary of a meeting regarding in-mine water monitoring in Castle Valley and Gentry Ridge of the Cyprus Plateau Mining Corp., with David E. Hansen and Delmas W. Johnson, held on March 8, 1996.

Dear Mr. Johnson:

Per our discussion last Friday, this letter summarizes the issues of a proposal that were discussed in our meeting regarding the ground water monitoring of the Cyprus Plateau Mine. The monitoring well status and content of our conversation is itemized below:

- P-92-03 WD is a monitoring well that will be lost upon retreat from this portion of the mine. This particular well has been used to monitor the water level only.
- Well P-92-01A WD, which includes P-92-01B WD and P-92-01C WD (a nested set of piezometers), will likely be lost upon the sealing of the south mains. This Well should be maintained and operated as long as feasibly possible.
- P-93-01 WD was a monitoring well lost in the Fall of 1995 during mining operations. This monitoring site will not be re-established.
- P-92-04 WD, P-92-02 WD, and the Graben Goose Gentry Ridge Sump must be maintained as three active monitoring stations. If and when these monitoring points fail, they must be redeveloped as soon as possible under Cyprus Plateau's direction. We discussed and agreed that the sampling data has been fairly uniform historically, and future data points could be extrapolated based on past behavior. With this uniformity in mind, if future collected data exhibit anomalies or atypical trends, you recommended that a new monitoring well might be appropriate, north of the current monitoring stations, to be utilized in characterizing these changes in sampling data.

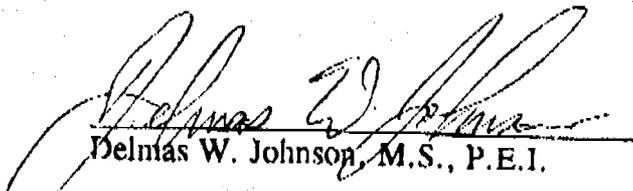
Mr. Steve Johnson
March 11, 1996
Page 2 of 2

- The Tie Fork Well of the Huntington Water District is at an appropriate location and elevation to be utilized as a down-gradient water monitoring point.

This letter of understanding is to re-iterate and confirm the discussion of our meeting last week. A formal submittal will be forthcoming. Please advise us of any questions or concerns you may have with the conclusions presented herein.

Sincerely,

HANSEN, ALLEN & LUCE, INC.


 Delmas W. Johnson, M.S., P.E.I.

cc: David F. Hansen and Johnny Pappas

IMPORTANT MESSAGE

FOR Carter / USFS

DATE 6/5/96 TIME _____ A.M. / P.M.

M Stoppoint/Droping To Mine

OF Underground Well.

PHONE Amendment 96 A

FAX AREA CODE _____ NUMBER _____ EXTENSION _____

MOBILE AREA CODE _____ NUMBER _____ TIME TO CALL _____

TELEPHONED		PLEASE CALL	
CAME TO SEE YOU		WILL CALL AGAIN	
WANTS TO SEE YOU		Review <u>Review</u>	<input checked="" type="checkbox"/>
RETURNED YOUR CALL		SPECIAL ATTENTION	

MESSAGE Carter as we discussed yesterday here is a call file and amendment 96 A hook it over and give us your comments

If ok, phone call will do
 otherwise - something in writing

SIGNED _____

TOPS  FORM 3002P LITHO IN U.S.A. **MARKS**

FAX TRANSMITTAL



Forest Supervisor's Office
and Price Ranger District
599 West Price River Drive
Price, Utah 84501

To: Bill Maluncik
From: Liane Matteau
Subject: _____

Total Pages Including Cover: 2

FAX Machine No.: 801-637-4940

Commercial Telephone No.: 801-637-2817

Date: 7/3

Time: 0810

Comments:

United States
Department of
Agriculture

Forest
Service

Manti-La Sal
National Forest

599 West Price River Dr.
Price, Utah 84501
(801) 637-2817

File Code: 2820

Date: June 25, 1996

Mr. William Malencik
Reclamation Specialist
Division of Oil, Gas, and Mining
451 East 400 North, Room 115
Price, UT 84501

Dear Bill:

As requested, the Manti-La Sal National Forest has evaluated the Revision to In-Mine Water Monitoring Program for the Cyprus Plateau mine. This revision indicates that in-mine well P92-03-WD has been abandoned, and that in-mine well P92-01-WD (the nested well) could also be lost upon sealing the south mains in the Gentry Ridge area. Continuous monitoring of the potentiometric surface in this area must be maintained.

Discussions with the mining company indicate that the possibility exists to retain access to P92-01-WD after the mains have been sealed. If this is the case, we feel that adequate wells will be available to monitor ground-water levels in that area. However, if this well is rendered inaccessible or unusable after sealing the mains, then we would require installing a replacement well close to the original location with completions in the same zones that are currently being monitored.

Please contact Liane Mattson or Carter Reed if you have any questions, or need further information.

Sincerely,

for
JANETTE S. KAISER
Forest Supervisor

cc:
J. Pappas, Cyprus Plateau Mining Corporation
D-2/3
L. Mattson