

0021



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

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

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)

027

**DIVISION OF OIL GAS & MINING
FIELD VISIT FORM
TECHNICAL**

Date : August 12, 1996

Time: 1:00p.m. to 3:00p.m.

Mine: Willow Creek

File Number: ACT/007/038. Folder #2

DOGM Staff: Steven Johnson, Paul Baker and Robert Davidson

Other Attendees: Ben Grimes and Johnny Pappas

Purpose:

Examine effort for bringing flow through the realigned segment to the surface.

Observations:

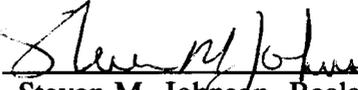
Cyprus was actively applying a 60/40, soil/bentonite mixture to the main culvert outlet pool in attempts to cause flow to resurface in the realigned channel. At the point of this visit they were working only in the culvert outlet pool. Surface flow was non-existent throughout the entire length of the new channel and there was still no sign of flow in the natural channel down stream from the Cyprus work.

Ben Grimes and Steven Johnson placed a conference call to Mrs. Michele Waltz, of the Army Corps of Engineer's, to discuss possible solutions. Mrs. Waltz will be meeting with the Division of Wild Life Resources, Ben Grimes and the Division of Oil, Gas and Mining representative onsite, on August 20th, to discuss the successfulness of this project with respect to fisheries use.

At the time of the meeting Cyprus had not yet received NOV 96-44-1-1 which was mailed August 6, 1996, from the Division. They did receive it later that day and Mr. Grimes requested by faxed letter dated August 13, 1996, to have a 60-day extension granted. The abatement time was subsequently extended by the Division to August 20, 1996. The full length of the requested extension was not granted because Cyprus must realize the priority of this situation and had from Monday, August 5, 1996 to begin the abatement measures. Cyprus did not begin the necessary work until the date of this site visit (August 12).

Recommendations/Conclusions:

The following plan was agreed upon by the Division, Cyprus and Army Corps of Engineer's representatives. Cyprus needs to continue the process of adding the soil/bentonite mixture for a period of one to two days, evaluating the amount of success achieved. If there is little success in returning flow to the surface, Cyprus should open a few (three to four) windows through the riprap to determine there is one single location of major water loss to the subsurface. If no flow is established by August 20, 1996, the parties of the informational meeting may discuss further actions necessary.

Signature:  _____ on August 14, 1996
Steven M. Johnson, Reclamation Hydrologist