



DEPARTMENT OF THE AIR FORCE

HEADQUARTERS 27TH SUPPORT GROUP (TAC)
CANNON AIR FORCE BASE, NM 88103



04 MAY 1992

Mr. Benito Garcia
New Mexico Environment Department
Hazardous and Radioactive Material Bureau Chief
P.O. Box 26110
Santa Fe, NM 87502

XI



RE: NM7572124454, Monthly Progress Report, Compliance Agreement

Dear Mr. Garcia

Well L was redrilled 10 Apr 92. During development, the crew suspected an anomaly in the well. Because of a high turbidity, a video tape was made on 28 APR 92. The tape revealed that the casing had a small crack at 142 feet below surface, allowing grout to seep into the well. Mr. Jerry Larson, USGS, was verbally requested by Mr. Jim Richards, 27 CES/CEV, to develop alternative actions, and to submit them to NMED, Dr. Bruce Swanton. Mr. Larson recommends placing a liner with a shell catcher at the level of the crack. They will then install a new well casing inside the liner reducing the well diameter to 4-5 inches. They plan to perform this work the week of 11 May 92.

In our 6 Mar 92 Progress Report, we informed you that Well M had a very low recovery of approximately 0.20 GPM. On 10 Apr 92, Mr. Larson discussed this matter with Dr. Swanton. As a result of that conversation, we will follow Dr. Swanton's recommendation and use the following method to sample Well M:

- 1 - Pump the well dry
- 2 - Allow the well to recover
- 3 - Sample the well

Since Well M is considered complete and operable, we have requested Certification of the Installation and As-Built Drawings from the USGS. We will forward these to you upon receipt.

In our Progress Report of 1 Mar 92, we requested that you reconsider your requirement of 13 Feb 92 to drill an additional pilot hole. Since we have not received a response to this request, we will operate under the assumption that you will not require the accomplishment of this pilot hole. However, please respond within 30 days of receipt if this is an erroneous assumption. We have requested the drilling logs and a final report on the presence of perched water tables from the contractor, USGS. We will forward this information to you upon receipt.

Your continued cooperation and understanding is appreciated. Any questions concerning this report should be directed to Mr. Jim Richards at 784-4639.

Sincerely

A handwritten signature in cursive script that reads "David E. Benson". The signature is written in dark ink and is positioned above the typed name.

DAVID E. BENSON, Colonel, USAF
Commander

cc: NMED, Dr. Bruce Swanton
HQ TAC/CEV
AFRCE/CR, Ronald Jahns