



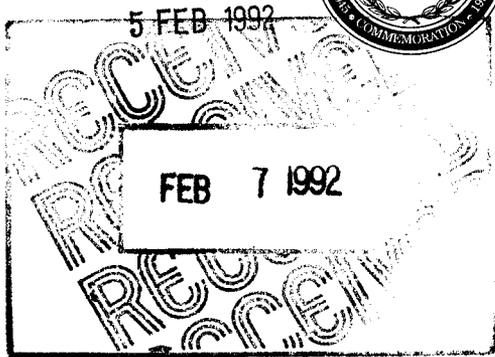
DEPARTMENT OF THE AIR FORCE

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



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

RE: NM7572124454, Monthly Progress Report, Compliance Agreement

Dear Mr. Garcia

Cannon AFB is submitting this progress report for January 1992 in accordance with the Landfill 5 Compliance Agreement. Actions which were taken during the month are described below.

The U.S. Geological Survey (USGS) arrived at Cannon AFB on 17 Jan 92 in order to begin drilling the pilot hole and to install wells L and M. While attempting to continuously core the pilot hole dry, a boot (packed sand) developed at 93 feet. We continued drilling to a depth of 120 feet, but the boot kept building up. After the bit became lodged twice, we determined that it would be necessary to drill a second pilot hole, this time using drilling fluids. The pilot hole was completed on 23 Jan 92. Water was encountered 266 feet below the surface. On 24 Jan 92 Mr. Jim Richards contacted Mr. David Morgan from the NMED and invited him and Dr. Bruce Swanton to observe the drilling.

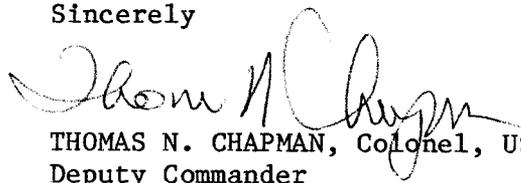
Next, the USGS began to drill the hole for well L. Slight delays were encountered due to the presence of an extensive caliche layer. On 29 Jan 92 the USGS began developing well L. After several unsuccessful attempts to develop the wells with air, a camera was sent down the hole to determine if there was a problem, such as a break in the casing. The video showed that the only problem was the presence of bentonite on the upper portion of the well screen (the bentonite affected about one-third of the area above the water table). It appears that both the lack of head and the well screen spacing contributed to an unusually difficult well development. The USGS will attempt to develop the wells with a bailer.

On 31 Jan 92 Lt. Gregg Demers contacted Ms. Lee Winn to inform your office about the delay. At that time we requested a two week extension. Cannon AFB proposes to have the following tasks completed by the dates indicated below in order to satisfy the requirements of the Compliance Agreement.

- 14 Feb 92 Installation and development of wells L and M
- 2 Mar 92 Sampling of RCRA monitoring wells
- 16 Mar 92 Certification of the installation of wells L and M
- 6 Apr 92 As-built drawings

Any questions concerning this report should be directed to Mr. Jim Richards
at 784-4639.

Sincerely



THOMAS N. CHAPMAN, Colonel, USAF
Deputy Commander

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