



GARY E. JOHNSON  
GOVERNOR

16 April 1996

State of New Mexico  
ENVIRONMENT DEPARTMENT  
DOE OVERSIGHT BUREAU  
P.O. Box 1663, MS/J-993  
Los Alamos, New Mexico 87545



Mr. Court Fesmire, LAAO AIP  
Point of Contact  
Department of Energy  
Los Alamos Area Office  
MS A316  
Los Alamos, NM 87544

**SUBJECT: Recommendations concerning Environmental Restoration's (ER) installation of intermediate well POI-4, Los Alamos National Laboratory, New Mexico**

Dear Mr. Fesmire:

It has been brought to our attention that drilling of intermediate well POI-4 in Pueblo Canyon is currently underway. As part of DOE OB's oversight of ground-water activities/issues concerning LANL's ER Project, we recommend that LANL drill POI-4 to the deep aquifer if intermediate ground water is not encountered. LANL would need to drill to an approximate depth of 550 ft in order to penetrate the upper-saturated zone within the deep aquifer. DOE OB feels that this would be cost effective, and may yield much needed hydrogeologic and hydrochemical information (e.g., flow gradients, water quality, etc.), and other data which might address possible borehole leakage at TW-1 and/or TW-1A. If there are any questions concerning this matter please contact me at 672-0448.

Sincerely,

Steve Yanicak, NMED, DOE OB, LANL POC  
New Mexico Environment Department

SY:mrd

- cc: Neil Weber, NMED, Chief, DOE Oversight Bureau
- Mat Johansen, DOE LAAO, MS A316
- Bob Simeone, DOE LAAO, MS A316
- Allyn Pratt, LANL, EES-13, MS J521
- Steve Rae, LANL, ESH-18, MS K490
- Benito Garcia, NMED, Chief, HRMB



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