

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



MAY 31 1984

MEMORANDUM

SUBJECT: Classification of Disposal well injecting brine
containing NaNO_3
UIC Well Classification Advisory #4

FROM:

Thomas E. Belk, Chief, *Heads E. Belk*
Ground Water Protection Branch,
Office of Drinking Water

TO:

Patrick A. Crotty, Chief,
Ground Water Section
Drinking Water Branch, Region VIII

We have received your written enquiry of February 2, 1984 about the Shell CO_2 project in Colorado. The produced CO_2 is hydrated. Sodium Nitrate is used to dehydrate the gas. The processed waste water to be injected for disposal will have a calculated concentration of NaNO_3 ranging from 320 g/l to approximately 3 g/l. Sodium Nitrate is not listed as hazardous in 40 CFR Part 261.

The injection well is a Class I, injecting non-hazardous industrial waste below the lowermost USDW.