

SECTION VIII, cont.

(Fresh Water Aquifers and Area Water Wells)

On April 20, 1983 Mr. Paul Kautz, a geologist of the New Mexico District I office in Hobbs, was contacted by Ray F. Nokes of Harvey E. Yates Company, in regards to fresh water aquifers in the McDonald Unit Area. Mr. Kautz had recently studied the area and concluded that the Ogallala is prevalent in the McDonald area starting from surface, but usually is located at about 80' from surface and continued to depths of 300' in some places. The specific area of interest was in Townships 13 and 14 South of Range 36 East, Lea County, New Mexico. Mr. Kautz indicated that the thickness of the Ogallala in this specific area was not specifically defined, but if surface and intermediate casing were set through the Ogallala and protected by cement to surface that the fresh water aquifer would be protected. See Section VI for casing and cementing reports.

Mr. Frank Bradley with the New Mexico State Engineers Office in Roswell, New Mexico, was contacted on the same day as Mr. Kautz. He checked local records to determine if any fresh water wells were present in the immediate area of the McDonald Unit area. Please find attached a list of fresh water wells supplied by Mr. Bradley for the McDonald Area.

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