

THE ONLY KNOWN FRESH WATER IN THE AREA IS IN THE OGALLALA FORMATION THE BASE OF WHICH IS AROUND 300 FEET. THERE ARE NO KNOWN FRESH WATER WELLS WITHIN THREE MILES OF THE DISPOSAL WELL. THE OGALLALA WATERS IN THE AREA ARE ASSUMED TO BE TYPICAL OGALLALA WATERS THAT ARE FOUND IN MOST OF LEA COUNTY.

THE ONLY OIL PRODUCTION WITHIN TWO MILES OF THE DISPOSAL WELL IS IN THE E/2 E/2 SECTION 14, N/2 SW/4 SECTION 13 AND THE NE/4 NE/4 SECTION 23. THIS PRODUCTION IS FROM THE ABO AT A DEPTH OF AROUND 7000 FEET. THERE IS ALSO A WELL IN THE SE/4 SE/4 SECTION 14 THAT IS PRESENTLY BEING TESTED IN THE BOUGH C AT A DEPTH OF AROUND 8800 FEET.

ALL AVAILABLE GEOLOGIC AND ENGINEERING DATA HAS BEEN EXAMINED AND THERE IS NO EVIDENCE OF OPEN FAULTS OF ANY OTHER HYDROLOGIC CONNECTION BETWEEN THE DISPOSAL ZONE AND ANY UNDERGROUND SOURCE OF DRINKING WATER.