

MWJ PRODUCING COMPANY

★ PETROLEUM PRODUCERS ★

1804 FIRST NATIONAL BANK BUILDING

MIDLAND, TEXAS 79701

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VIII.

SAN STATE SWD #1

GEOLOGICAL DATA

The injection zone in this proposed well is the San Andres Formation which is composed of dolomite, lime and limey sand. The top of the San Andres is at 4100', and the zone is approximately 1500' thick. We propose to dispose of water thru perforations from 4100' to 5300'.

The depth to the bottom of the underground source of drinking water is at 270', which is the base of the Ogallala formation, Tertiary age. There are two water wells within a one mile radius of the proposed disposal well. The closest well is located approximately 4600' west/northwest from the proposed disposal well.

Mr. Jim Wright of the New Mexico State Engineer's office gave us information on fresh water in the area: chlorides 40-77 ppm and conductivity 500-800. Chemical analysis on the water well could not be obtained, so we are including an analysis of Ogallala formation water from the area. The State Engineer's office assured me this information would be satisfactory to your commission.

Attached are the chemical analysis of the closest Glorietta water measured in our area from the New Mexico Oil and Gas Commission files.

Logs and test data were filed with the form C-105 when completed as an oil well by Pogo Producing Company.

RECEIVED
OCT 13 1983
O.C.D.
HOEBS OFFICE