

APPLICATION FOR AUTHORIZATION
To Convert to Water Disposal

C. W. Trainer

Morse "A" No. 1

Statements of Compliance

- Item III. A. See Exhibit A
- Item III. B. (1) Devonian
- (2) Perforations 11,806 to 11,810
- (3) Drilled for oil production from North Echols Devonian pool.
- (4) Originally drilled by the Texas Company as the Texas Gulf State Lea #1 to a total depth of 12,000 feet. It was plugged and abandoned 5/26/64 after producing 615,805 barrels oil. The well was reentered by C. W. Trainer on 10/2/90, cleaned out to 11,852 feet and perforated from 11,806 to 11,810. On swab test the interval produced 99% water and 1% oil.
- (5) There are no known higher or lower oil zones.
- Item V. See Exhibit B
- Item VI. See Exhibit C for tabular summary and Exhibit D for schematic of plugged wells.
- Item VII. (1) Estimated average rate of injection is 100 barrels per day with an estimated maximum daily rate of 1,000 barrels
- (2) The system will be closed
- (3) Average injection pressure: 0 psig
 Maximum injection pressure: 100 psig
- (4) Source of water will be Devonian water produced from the C. W. Trainer Morse #1.
- (5) Source of water and injection zone are the same, being the Devonian formation.
- Item VIII. The North Echols Devonian pool was discovered 5/9/52 by the Texas Company State "AW" #1 in Unit J of Section 21. The Devonian is found at approximately 11,800 feet, being a limestone formation. The only known fresh water sand in the area is the Ogallala formation found at a depth of approximately 100 feet with thickness of 30 feet.