OPERATIONAL & GEOLOGICAL DATA
REQUIRED UNDER SECTIONS VII, VIII, IX
FORM C-108

Disposal Well Operational Data
(Required under Section VII and IX, Form C-108)

Average daily injection rate - 200 BWPD
Maximum daily injection rate - 700 BWPD

Discussion: Additional capacity above 200 BWPD may be required if water production increases from current Many Gates (Wolfcamp) Field producers.

Type of injection system - closed
Average injection pressure - 800 psi
Injection pressure limit requested for approval - 1350 psi

Discussion: This pressure limit will not exceed a gradient of .2 psi/ft. of depth to the top of the injection interval at 7272'.

Producing formation - Wolfcamp
Receiving formation - Wolfcamp

Discussion: The produced water to be injected is currently from the Wolfcamp horizon, therefore, produced water will be compatible with the receiving Wolfcamp formation.

Proposed Stimulation

Discussion: The proposed Wolfcamp injection interval will be stimulated with approximately 3000 gallons of 15% HCl acid.

Geological Data
(Required under Section VIII, Form C-108)

Injection zone - Wolfcamp

Discussion: Wolfcamp is primarily a vugular crystalline dolomite with some shale and limestone. The Wolfcamp is approximately 750' thick; however, the state FU No. 3 only penetrates the upper 270' of the Wolfcamp. Top of the Wolfcamp is -3197' subsea.

Underground Sources of Drinking Water

Discussion: Underground sources of drinking water in the area overlying the injection zone are the Quaternary alluvium (sands and shales of recent age) and the Triassic age Santa Rosa Formation. These water sources are found between 4000' to 3200' above sea level.

BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION
Amoco EXHIBIT NO. 9
CASE NO. 8767