

**EAST VACUUM GRAYBURG SAN ANDRES UNIT
ATTACHMENT IX TO FORM C-108
APPLICATION FOR AUTHORIZATION TO INJECT WATER AND
CARBON DIOXIDE**

**PROPOSED STIMULATION PROGRAM
FOR A
TYPICAL SAN ANDRES INJECTION WELL**

All injection wells will be cased hole completions selective perforated within the unitized interval. Initial stimulation will be small to medium sized matrix Hydrochloric acid treatments. Acid concentrations will typically range from 7 1/2% to 20% depending on the anticipated completion damage. As the waterflood matures additional matrix acid treatments may be preceded by an oil soluble surfactant, and the acid mixture may contain commercial mutual solvents.