

**FORM C-108 APPLICATION
GREAT WESTERN DRILLING COMPANY
SOUTH CARTER SAN ANDRES WATERFLOOD PROJECT**

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;

Proposed Average Rate:	2000 BWIPD (400 BWIPD/well)
Proposed Maximum Rate:	3000 BWIPD (600 BWIPD/well)
Proposed Volume to be Injected:	15,000,000 BW (~ 1 HCPV)

2. Whether system is open or closed;

The waterflood operation will be a closed system.

3. Proposed average and maximum injection pressure;

Proposed Average Inj. Pressure:	800 psi
Proposed Maximum Inj. Pressure:	1025 psi

4. Sources and appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water;

**Sources: San Andres produced water & Ogallala makeup water.
Analysis and the compatibility results of Ogallala with the San Andres are attached (Attachment G.2).**

5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

Not applicable to this project.