OIL RECOVERY CALCULATION
BOUGH "C" FORMATION
L.R. FRENCH, JR.
GULF-STATE WELL NO. I

RESERVOIR VOLUME CALCULATIONS

Average Porosity = 7.2%
Water Saturation = 29.0%
Net Pay = 9 ft.
Recovery Factor = 40% Oil in Place

OIL IN PLACE (Bbls/Ac. Ft.)

$$\frac{(7758 \frac{\text{Bbls.}}{\text{Ac. Ft.}})\ (0.072)\ (0.7I)}{I.88} = 208 \frac{\text{Bbls.}}{\text{Ac. Ft.}}$$

RECOVERABLE OIL (Bbls./Ac. Ft.)

$$(208 \frac{\text{Bbls.}}{\text{Ac. Ft.}})\ (.40) = 83.2 \frac{\text{Bbls.}}{\text{Ac. Ft.}}$$

OIL IN PLACE (Bbls./Ac.)

$$(208 \frac{\text{Bbls.}}{\text{Ac. Ft.}})\ (9 \text{ Ft.}) = I872 \frac{\text{Bbls.}}{\text{Ac.}}$$

RECOVERABLE OIL (Bbls/Ac.)

(I872 Bbls/Ac.) (0.40) = 748.8 Bbls/Ac.

	40 Ac.	80 Ac.
OIL IN PLACE (Bbls.)	74,880	I49,760
RECOVERABLE OIL (Bbls.)	29,952	59,904

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 9
CASE NO. 2655