

EXHIBIT

Volumetric Calculation of Original Oil in Place,  
Recoverable Oil, and Remaining Recoverable Oil

Shipp Field (Tipperary Pod)

$$\begin{aligned} \text{Original Oil in Place} &= \frac{7,758 \times \emptyset \times (1 - S_w) \times \text{Acre-feet}}{B_o} \\ &= \frac{7,758 \times (0.10) (1 - 0.21) \times 12,119}{1.5} \\ &= 4,952 \text{ M bbls.} \end{aligned}$$

$$\text{Recoverable Oil} = 4,952 \text{ M bbls.} \times 0.25 = 1,238 \text{ M bbls.}$$

$$\begin{aligned} \text{Cumulative Recovery} &= 760 \text{ M bbls.} \\ &\text{(7-1-87)} \end{aligned}$$

$$\begin{aligned} \text{Remaining Recoverable} &= 478 \text{ M bbls.} \\ \text{Reserves (7-1-87)} & \end{aligned}$$

Before the  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
Case No. 9192 Exhibit No. 8  
Submitted By: \_\_\_\_\_  
Hearing Date: \_\_\_\_\_