NORTH BAGLEY (WOLFCAMP) RESERVOIR CALCULATIONS

Assume 4 wells on 80 acres   = 320 acres

Average Thickness (4 wells)   = 18.5'

Acre Feet Contained in Assumed 320 acres   = 5,920 acre feet

$$\text{OIP} = (7758)(0.047)(1 - 0.25)\left(\frac{1}{1.81}\right) \qquad = 151 \text{ B/AF}$$

Assume Recovery Factor   = 25%

Recoverable Oil = (151)(0.25)(5,920 AF)   = 223,500 bbl

Recoverable Oil Calculated from Decline Curve Analysis

Humble-State No. 1:	Produced to 10-1-64	78,385	
	Est. Rem. Reserves	31,918	
			110,303 bbl
State "L" No. 1:	Produced to 10-1-64	60,317	
	Est. Rem. Reserves	19,132	
			79,449 bbl
Thompson No. 1:	Produced to 10-1-64	16,542	
	Est. Rem. Reserves	16,361	
			32,903 bbl

TOTAL ESTIMATED RECOVERY FROM RESERVOIR: 222,655 bbl

APPL Ex 2
Cs 2659
10/28/64