

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
OIP = (7758)(0.047)(1 - 0.25)($\frac{1}{1.81}$)	= 151 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	<u>31,918</u>	110,303 bbl
State "L" No. 1:	Produced to 10-1-64	60,317	
	Est. Rem. Reserves	<u>19,132</u>	79,449 bbl
Thompson No. 1:	Produced to 10-1-64	16,542	
	Est. Rem. Reserves	<u>16,361</u>	32,903 bbl
TOTAL ESTIMATED RECOVERY FROM RESERVOIR:			222,655 bbl

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 78,385
 31,918
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 79,449
 16,542
 16,361
 32,903
 222,655

Handwritten:
 APPL EX 2
 CS 2659
 10/28/64

BEFORE EXAMINER NUTTER	
OIL CONSERVATION COMMISSION	
<i>Clare</i>	EXHIBIT NO. <u>2</u>
CASE NO. <u>2659</u>	