

RESERVOIR MODELING PARAMETERS

FORMATION - Cherry Canyon (Delaware)

DEPTH - $\pm 5600'$

ACREAGE - 35 acres

THICKNESS - 50'

POROSITY - 17%

PERMEABILITY - 20 md

OIL SATURATION - 55%

WATER SATURATION - 45%

INITIAL RESERVOIR PRESSURE - 2600 psi

CURRENT RESERVOIR PRESSURE - 2200 psi

BUBBLE POINT PRESSURE - 1900 psi

WATER INJECTION RATE - 500 BWPD

NOTE: PVT data from reservoir fluid analysis of
James "A" No. 2

Relative permeability curves from special
core analysis of James "A" No. 6 Cherry
Canyon core

Phillips 8
10288