

RESERVOIR ROCK & FLUID CHARACTERISTICS AND  
ESTIMATED WATERFLOOD PERFORMANCE

Average net pay thickness, feet	31
Average porosity, percent	15
Average permeability from pressure buildup, md	27
Average water saturation, percent	35
Original FVF	1.2
Oil Viscosity, cp	.8
Oil gravity, degrees API	37
Original pressure at -250 ft. subsea, psi	1,440
Current pressure at -250 ft. subsea, psi (est.)	200
Cumulative primary recovery, bbls. 8-1-71	2,473,269
Ultimate primary recovery, bbls. (est.)	2,498,552
Estimated waterflood recovery, bbls.	1,800,000

Note: All above values are for the Queen pay section only.  
Waterflooding of the Lower Seven Rivers section in a  
portion of the unit would increase the waterflood  
recovery slightly.

