Decline Analysis Sapient Energy Corp Barber # 12

Assumptions:

Cumulative Production thru 10/24/01 = 808 MMCF
Current Producing Rate = 800 MCFD
Economic Limit = 20 MCFD
Decline Rate = 43 %
a = - In (1 - d) = 0.562
Original Recoverable Gas In Place = 741.3 MCF/acre-ft
Thickness = 30'

Calculations:

Remaining Recoverable Reserves = (800 - 20) / .562 X 365 = 507 MMCF

Estimated Ultimate Recovery = 808 MMCF + 507 MMCF = 1315 MMCF

Drainage Area = 1315 MMCF / 30 ft / .7413 MCF/acre-ft = 59 acres

BEFORE THE
OIL CONSERVATION COMMISSION
Case No.12605 Denovo Exhibit No._
Submitted By:

Sapient Energy Corp.
Hearing Date: November 6, 2001