

Barber 12 Volumetric Calculations

Assumptions:

A = Acres
h avg = 30 feet
Porosity = 0.118
Sw = 0.212
Pi = 2570 psia
Zi = 0.7911
Pabd = 300 psia
RF = 0.91
T = 565 deg R

Original Recoverable Gas In Place = 0.7478 MCF/Acre-Ft

BEFORE THE
OIL CONSERVATION DIVISION
Case No. 12587 Exhibit No. 16
Submitted By:
Sapient Energy Corp.
Hearing Date: March 1, 2001