

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^M MCF/Acre-Ft

BEFORE THE
OIL CONSERVATION DIVISION
Case No. 12587 Exhibit No. 46
Submitted By:
Sapient Energy Corp.
Hearing Date: March 1, 2001