Drainage Area Calculation Example: El Paso 23 #1

Porosity * Height * Gas Saturation * [(1 / Bgi) - (1 / Bgf)]

Where:

Gas Gravity = Water Saturation = Gas Saturation = Height = Porosity = EUR = 60 ft 0.67 9,180 psia 40% 1 - Sw 1.6E+9 scf

Final Formation Volume Factor = 17.5E-3 ft3/scf Initial Formation Volume Factor = 2.75E-3 ft3/scf

Final Pressure =

500 psia

Initial Pressure =

Area = (43,560 ft2/Ac)(5%)(60 ft)(1-0.4)((1/2.75E-3 ft3/scf) - (1/17.5E-3 ft3/scf))1.6E+9 scf

Area = 67 acres

Burlington Resources
Hearing Date: August 21, 1997 Submitted By: Case No.11837 Exhibit No. OIL CONSERVATION COMMISSION BEFORE THE