

CAUSE N. CV-2001-315C, TMBR/SHARP DRILLING, INC. V.
DAVID H. ARRINGTON OIL GAS, INC. ET AL

WILLIAMSON PROJECT 2.8895

GAS VOLUMETRIC CALCULATION

Gas Volumetric Calculation

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Version 5.0

Well Name: Blue Fin "25" #1
Field Name: Chester
Gas Gravity 0.71
% N2 0.88 %
% CO2 0.46 %
% H2S 0.00 %
Condensate (Yes=1) 1
Res. Temperature 163 F
Initial Pressure 6,299 Psia
Abandonment Pres 800 Psia
Net Pay 35 Feet
Acres 100 Acres
Water Sat 35.00 %
Porosity 18.00 %
Optional **
Recovery 0.00%

20-May-02
Tc = 383.24
Pc = 664.47
Tc' = 382.32
Pc' = 662.87
Tr = 1.632
Pri = 9.503
Pra = 1.207
Zi = 1.0977
Za = 0.9149

Gas In Place 5,822,524 Mcf
Recoverable Gas 4,935,286 Mcf
Recovery 84.76%

COMMISSION
OIL CONSERVATION [REDACTED]
CASE NUMBER [REDACTED]
Ocean EXHIBIT 15