

FLOW RATE CALCULATIONS CHACO NO. 5

Perm = 103 md
Net Pay = 16 ft
Area = 109 acres
Porosity = 23.2 %
Water Saturation = 31 %

After Fracturing

Average Gas Rate during 1st year 159 Mscf/d
Average Gas Rate after 2 years 2 Mscf/d
Cumulative Production after 2 years 57 MMscf

With 30 ft Net Pay

Average Gas Rate during 1st year 299 Mscf/d
Average Gas Rate after 2 years 4 Mscf/d
Cumulative Production after 2 years 108 MMscf

With 320 acre Drainage

Average Gas Rate during 1st year 319 Mscf/d
Average Gas Rate after 2 years 52 Mscf/d
Cumulative Production after 2 years 147 MMscf

