

CALCULATION OF OOIP + RECOVERY FACTOR ANALYSIS

Calculation of Oil in Place

Well Name: Checker
 Field Name: TT Cnyn

Oil Gravity 55 API
 Gas-Oil Ratio 8,000 cu ft/Bbl
 Gas Gravity 0.736
 Reservoir temp 158 F
 Seperator Temp 60 F
 Seperator Press 100 Psia
 Reservoir Press 4,380 Psia
 Porosity 6.4 %
 Water Sat. 20 %
 Drainage Area 45 Acre
 Net Pay 30 Feet
 Recovery (est) 100,000 Bbl
 % Recovery 40.00%

USES EXPECTED OIL EUR = 100 MBO
 THIS RF GIVES AREA = 45 ACRES, SO AT
 LEAST FOR THIS THICKNESS CAN DRILL ON
 40 ACRES, BUT, IT GETS THINNER AWAY
 FROM THIS WELL SO CUT EUR IN HALF

FLUIDS FROM CHECKER PRODUCTION

Bubble Point Pressure 12,607
 Formation Volume Factor 2.1693
 T FROM PBU STILL BUILDING 5 PSI/HR, SO
 USED GRADIENT OFF 10-1 OH DST FOR P
 PHI, H FROM LOGS, SW ANALOG WITH 10-1
 Oil in Place 247,193 Bbl
 % Recovery 40.45%
 Recovery 98,877 Bbl

THIS IS AS HIGH AS IT COULD BE -- IF IT IS LOWER
 THEN AREA MUST BE HIGHER