

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 PBW 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