Abbreviations

A	Cross sectional area
B	Specific Counterion Activity (Waxman-Smits)
C_p	Capillary Pressure
FF,F	Formation factor
E	Tortuosity factor
H_t	Producing zone thickness
K_{brine}	Brine permeability
K_g	Gas permeability
K_L	Equivalent liquid permeability (Klinkenberg corrected gas permeability)
K_o	Oil permeability
K_{eo}	Effective oil permeability
K_r	Relative permeability
K_{ro}	Relative permeability to oil
K_{rw}	Relative permeability brine
K_{SFW}	Permeability to simulated formation water
K_w	Brine/water permeability
K_{ew}	Effective brine/water permeability
ℓ , L	Length
m	Cementation factor
m*	Cementation factor (corrected)
M_r	Mobility
n	Saturation exponent
n*	Saturation exponent (corrected)
P, p	Pressure
P_c	Capillary pressure (psi)
P_d	Drawdown pressure
P_m	Mean flowing pressure
Q_o	Volume oil produced
Q_i	Volume water injected
Q_v	Cation exchange capacity meq/ml
Q_w	Volume water produced
R_e	Effective reservoir radius
RCAL	Routine core analysis
Relperm	Relative Permeability
R_o	Core resistivity
R_w	Brine resistivity (or wellbore diameter)
R_t	Core resistivity at reduced S_w
SCAL	Special Core Analysis
S_o	Oil saturation
S_{or}	Residual oil saturation
S_{gt}	Residual trapped gas saturation
S_w	Brine saturation
S_{wi}	Initial brine saturation
t	Time (secs)

Abbreviations continued

V, v	Volume
g	Interfacial tension
l	Mobility ratio
q	Contact angle
f	Porosity
r_o	Oil density
r_w	Brine density
m_o	Oil viscosity
m_w	Water (brine) viscosity