EXHIBIT
RESERVIOR PARAMETERS & DRAINAGE CALCULATIONS
VIERSEN #1

Permeability: K = .043 Darcies*

Thickness: H = 74 Feet

Static Reservior Pressure: Pe = 2473 PSIG*

Flowing Pressure: Pw = 2258 PSIG

Oil Viscosity: u = .38 Centipoise

Formation Volume Factor: Bo = 1.42 $\frac{\text{Reservior Barrel}}{\text{Stock Tank Barrel}}$

Well Bore Radius: rw = .33 Feet

Flow rate: q = 878 Barrels/day

$$\text{Ln } \frac{re}{rw} = \frac{7.08 \text{ Kh (Pe-Pw)}}{uBo \text{ q}}$$

$$\text{Ln } \frac{re}{.33} = \frac{7.08 \ (.043) \ (74) \ (2473-2258)}{.38 \ (1.42) \ (878)}$$

Re = 9,090 Ft.

* From pressure build up - Hoerner analysis