



$$\text{Area} = 296 \text{ sq ft.}$$

$$\begin{array}{r} 13 \times 12 = 156 \\ 18 \times 4 = 72 \\ 17 \times 4 = 68 \\ \hline 296 \text{ sq ft} \end{array}$$

$$\begin{aligned} \text{Volume} &= \text{Area} \times \text{depth (ft)} \\ \text{in Gallons} \quad \text{Depth} &= 1 \text{ inch or } .083 \text{ ft} \\ 296 \times .083 \text{ ft} &= 24.57 \text{ gallon} \end{aligned}$$

$$\text{Gallons} \div 42 = \text{barrels}$$

$$24.57 \div 42 = 0.59 \text{ bbls}$$

This does not include porosity of the soil

$$\text{Volume of Spill} = .59 \text{ bbls}$$