



02618299

TCFC

volume and injection pressure

DATE

12-10-09

FILE UNDER

Exxon Mobile PCU 297-13A6

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$$8 \text{ ft} \times 0.1 = 0.8$$

$$12 \text{ ft} \times 0.14 = 1.68$$

$$2.48 \text{ ft} \times 1320^2 \times \pi = 1357530 \text{ ft}^3$$

$$\times 1 \text{ bbl} / 5.6146 \text{ ft}^3 = 2.418 \times 10^5 \text{ bbl}$$

$$5580 \text{ ft} \times (0.61 - 0.43) \text{ psi/ft} = 988 \text{ psi}$$

1/9/2015

BOB KOEHLER

1/2-Mile Radius Volume Calculation

2.48 ft Interval thickness

2640 ft 1/2-Mile Radius

 $\pi = 3.14$

$$\text{Volume} = \frac{2.48 \text{ ft} \times 2640^2 \times \pi}{5.6146 \text{ bbl/ft}^3} = 9671427661$$