

Lea Wolfcamp Pool Penalty Calculation

Combined Distance and Productive Acreage Method

$$\text{Allowable} = \frac{\text{Actual Standoff}}{\text{Legal Standoff}} + \frac{\text{Productive Acreage in E/2 Sec. 14}}{\text{Productive Acreage in S/2 Sec. 6}} \div 2$$

$$\text{Allowable} = \frac{660'}{1,980'} + \frac{84 \text{ acres}}{134 \text{ acres}} \div 2$$

Allowable = 48%

Combined Distance and Reservoir Volume Method

$$\text{Allowable} = \frac{\text{Actual Standoff}}{\text{Legal Standoff}} + \frac{\text{Net Acre-Feet in E/2 Sec. 14}}{\text{Net Acre-Feet in S/2 Sec. 6}} \div 2$$

$$\text{Allowable} = \frac{660'}{1,980'} + \frac{2,488 \text{ ac-ft}}{3,953 \text{ ac-ft}} \div 2$$

Allowable = 48%

Before the
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Marathon Oil Company
Exhibit No. 16 Case No. 10796
Hearing Date: October 14, 1993