

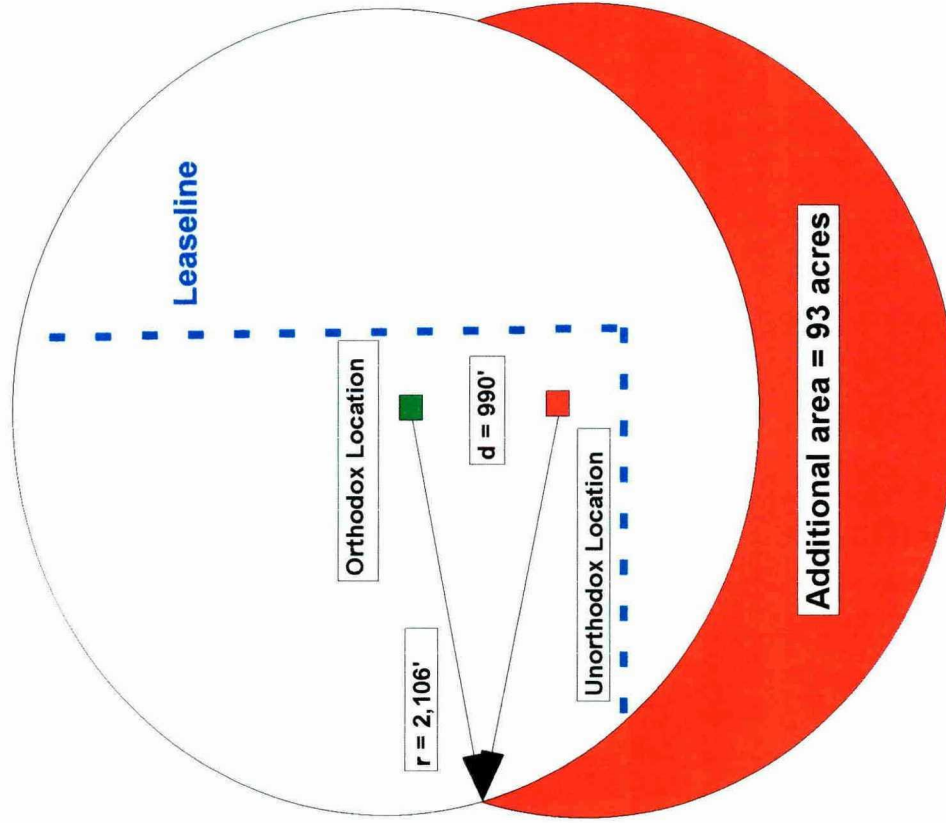
Standard Penalty Factors

Turkey Track North (Morrow) Field Area

Eddy County, New Mexico

East - West Variance	$\frac{\text{Orthodox West Distance - Unorthodox West Distance}}{\text{Orthodox West Distance}} = \frac{660' - 660'}{660'} = 0.00$
North - South Variance	$\frac{\text{Orthodox South Distance - Unorthodox South Distance}}{\text{Orthodox South Distance}} = \frac{1,650' - 660'}{1,650'} = 0.60$
Hypotenuse Variance	$\frac{\text{Orthodox Hypotenuse Distance - Unorthodox Hypotenuse Distance}}{\text{Orthodox Hypotenuse Distance}} = \frac{1,777' - 933'}{1,777'} = 0.48$
Excess Drainage	$\frac{\text{Excess Drainage Area}}{\text{Standard Drainage Area}} = \frac{93}{320} = 0.29$
Unproductive Acreage	$\frac{\text{Total Acreage - Productive Acreage}}{\text{Total Acreage}} = \frac{320 - 160}{320} = 0.50$

320 acre drainage areas



The Orthodox location is:
660' FEL and 1650' FSL

The Unorthodox location is:
660' FEL and 660' FSL