

Pictured Cliffs 80-Ac Pilot Selection Criteria

- On/off good sand trend (sand trends mapped per cum data)
- Distance from parent well (Energen pilots 980'-1,620')
- Azimuth from parent well
 - Avoid depositional strike
 - Avoid fracture trends, parent well frac-wings, N-S?
 - Preferred trend E-W or NE-SW
- Parent well in good producing condition
- Optimum completions on off-set wells
- At least one pilot per PC pool
- Combination of new drills & pay-adds

Geologic Setting

- Energen pilot wells were located:
 - In high to marginally productive; good to moderate sand trend areas
 - More on basin flank
 - Deeper in depth
 - Higher original & remaining reservoir pressure
 - Higher clay content, lower permeability & porosity may be expected