

CRITERIA WHICH MUST BE SIMULTANEOUSLY SATISFIED FOR POTENTIAL INFILL DRILLING OPPORTUNITIES

- **Locate an area(s) where infill drilling can maximize ultimate recovery.**
 1. Every undrilled location between existing wells was evaluated as well as a halo of locations surrounding existing wells. (450 potential drilling locations)
 2. Sort by highest predicted producing rate (aka cumulative gas) for the first three years. Predictive mode starts 1/01/96.
 3. Select top 35 candidates based on highest three year rate.
 4. Simulate top 35 candidates anticipated performance for 20 years (2016).
 5. Sort by highest cumulatives.

- **Locate an area(s) where infill drilling will result in wells which relatively high deliverabilities.**
 1. Eliminate wells with less than 2.5 MMCFD predicted initial deliverability.

- **Minimize costs by locating wells near existing surface facilities.**
 1. Eliminate wells which are not located close to existing gathering lines.
 2. Eliminate wells which are near existing gathering lines that are currently experiencing large pressure drops, i.e, near capacity.

RESULTS

- **14 infill drilling locations that meet Amoco's criteria.**