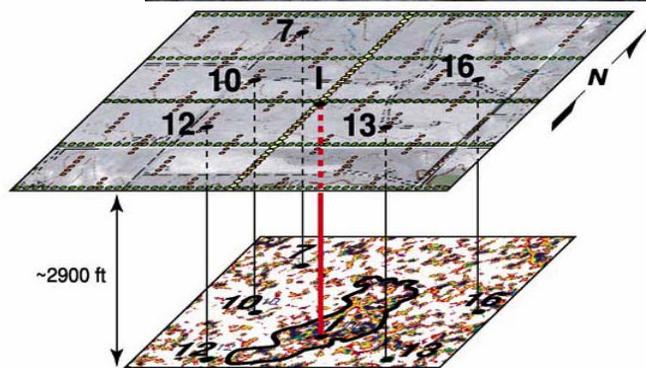


4-D High-Resolution Seismic Reflection Monitoring of Miscible CO₂ Injected into a Carbonate Reservoir



Objective:

- Monitor and determine CO₂ saturation during field flood

Technology Used:

- 4-D seismic (Time-lapse 3-D) reflection data used to monitor and determine CO₂ saturation during field flood

Results:

- CO₂ moving outside pattern resulting in little incremental oil production
- Reservoir much more complicated than originally envisioned

Kansas Geologic Survey

DE-PS26-03NT15414 Source: Kansas Geological Survey

