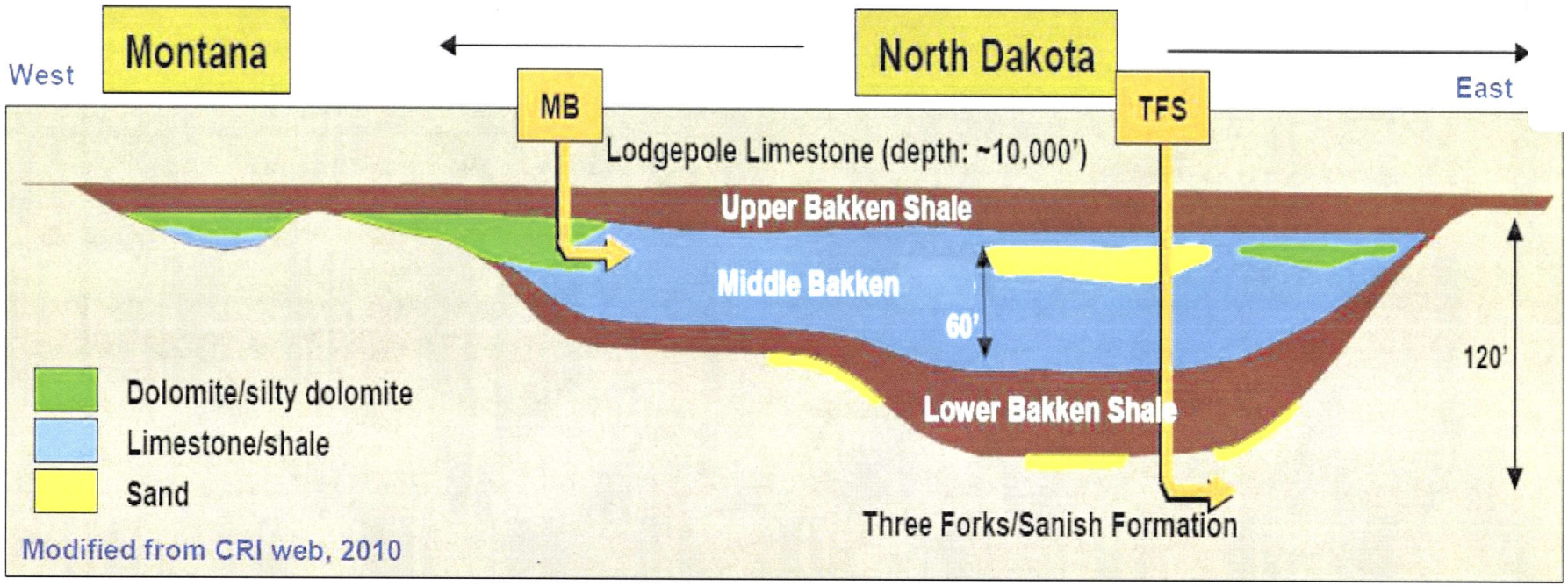
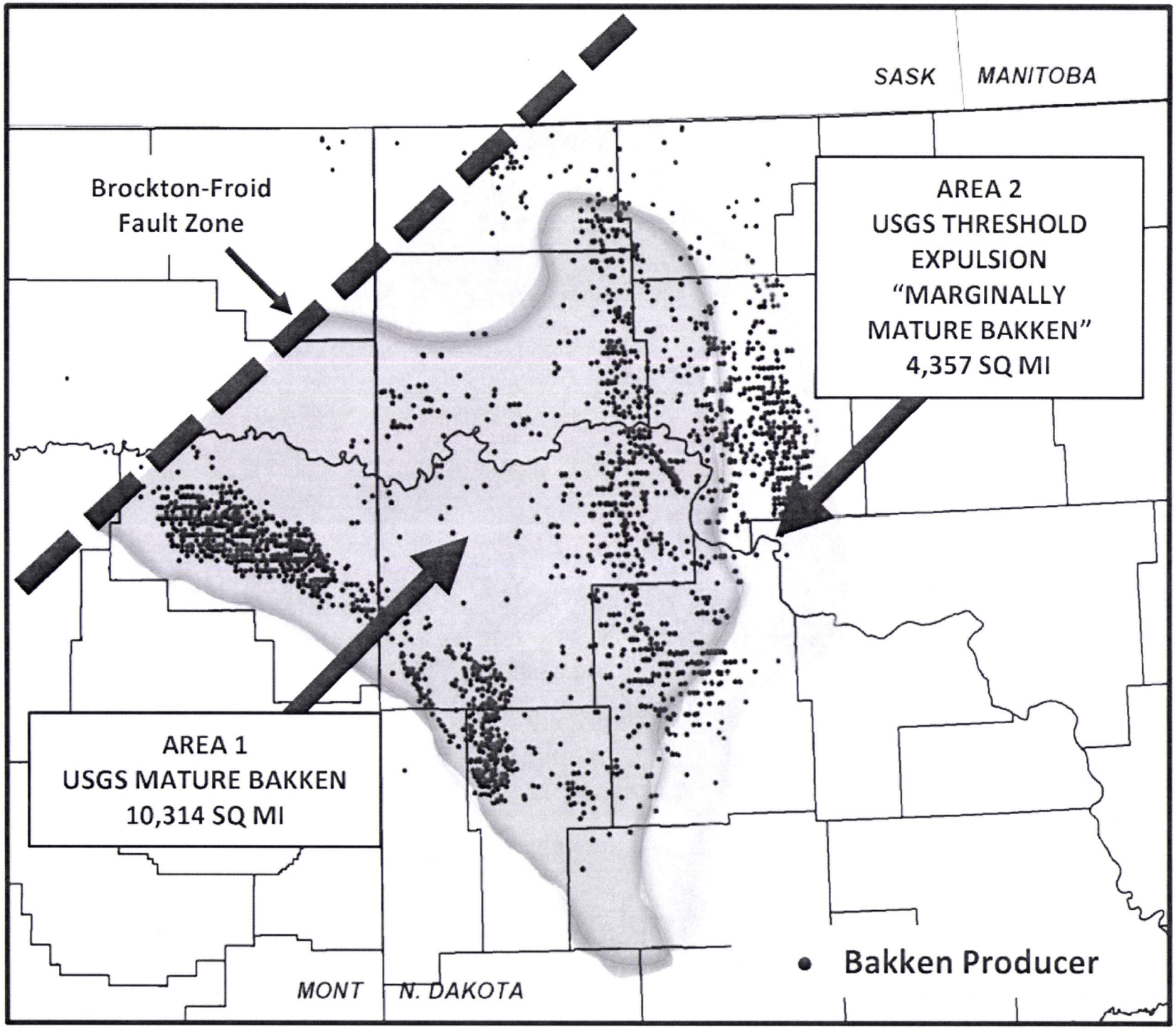
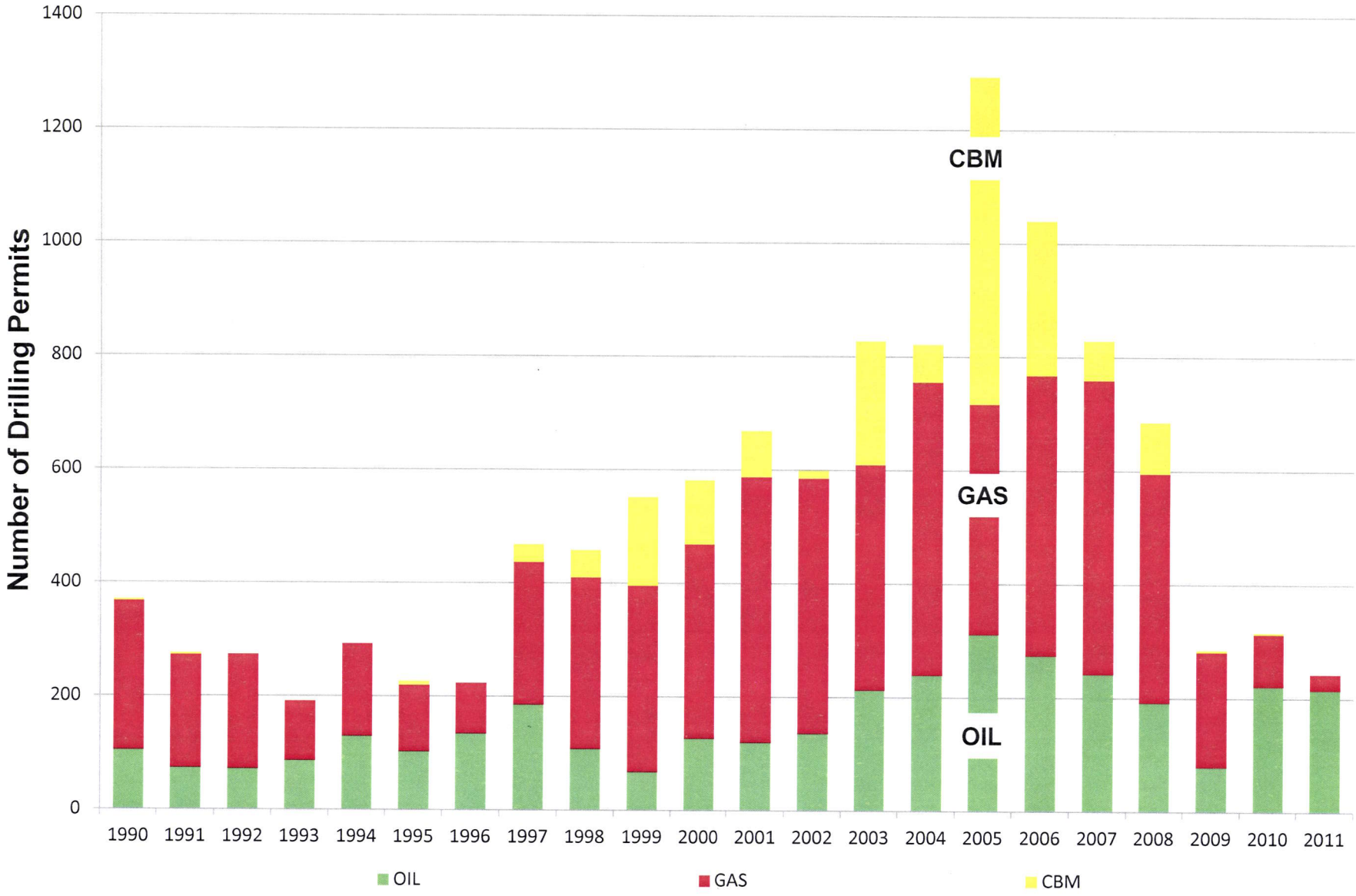
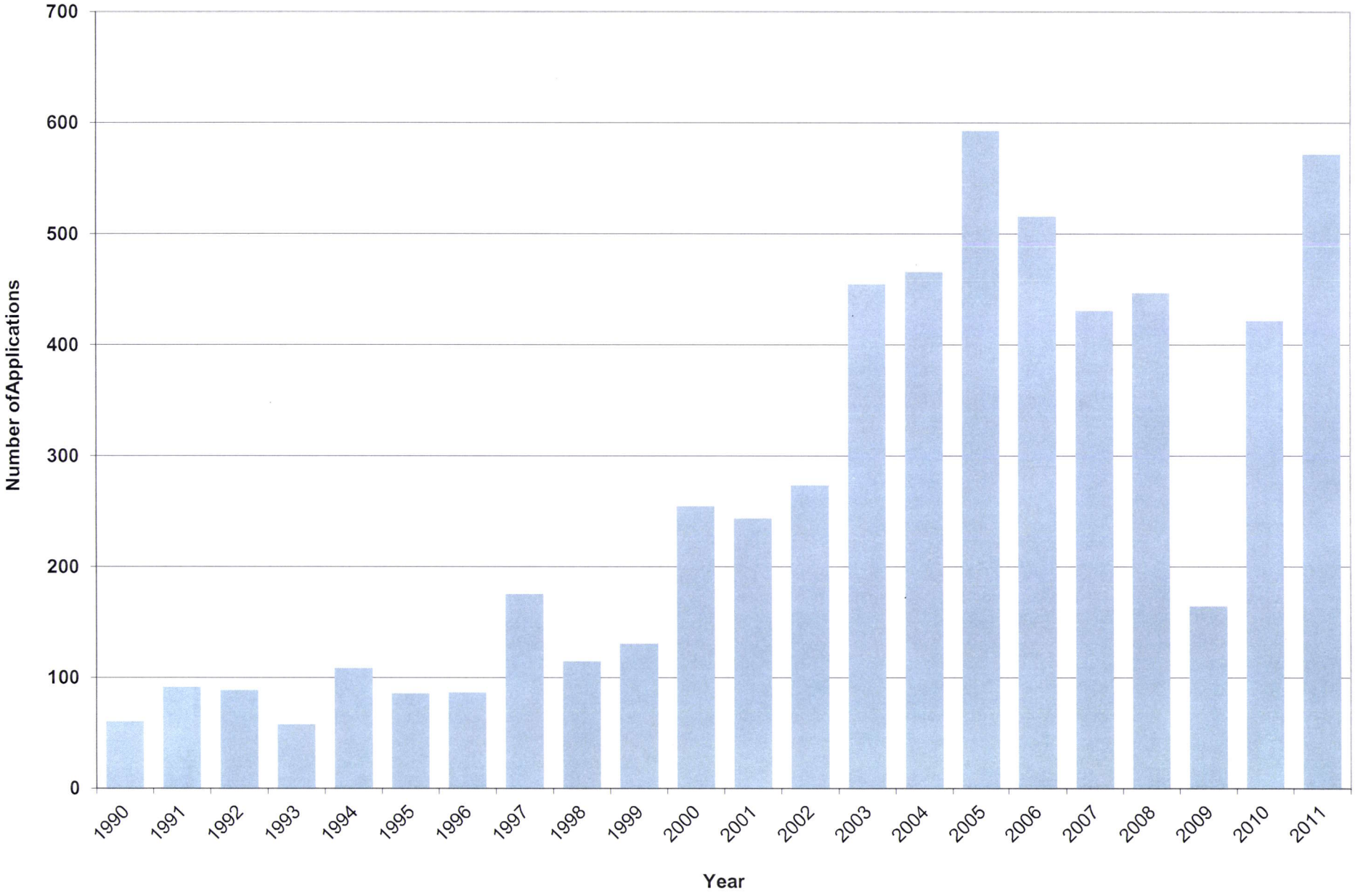
Middle Bakken / Three Forks Pay Variation



- Middle Bakken pay not a shale lithology
  - Complex, laterally varying lithology & play types
  - Stratigraphic / diagenetic trap drivers
- Underlying Three Forks 'non-shale' play potential established 2008
  - Also sourced by Bakken shale
  - Dual zone development underway


SASK
MANITOBA
Brockton-Froid
Fault Zone
AREA 2
USGS THRESHOLD
EXPULSION
"MARGINALLY
MATURE BAKKEN"
4,357 SQ MI
AREA 1
USGS MATURE BAKKEN
10,314 SQ MI
MONT
N. DAKOTA
Bakken Producer

Montana Drilling Permits Issued, 1990 through 2011



Hearing Applications, by Year