

## Material Balance Analysis – Cumulative Oil Released

**oil production** =  
**original oil in place** x **compressibility** x **pressure drop**

- **Cumulative release of 4.5 to 5.5 MMSTB**
- **Cumulative release values are conservative**
  - Did not include influence of water influx (aquifer)
  - Conservative low end for original oil in place uses unrealistically low formation volume factor to derive cumulative release of 4.5 MMSTB