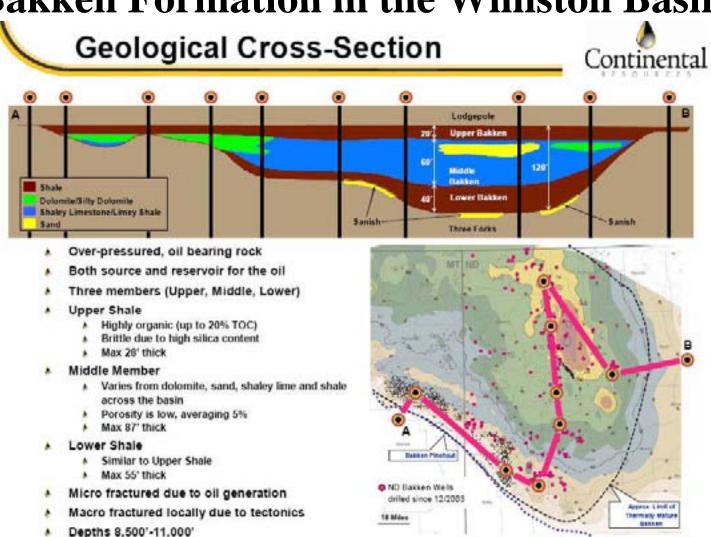
Bakken Play Overview in 2009

In June 2009, when the horizontal Bakken Play in North Dakota was still fairly young, Ammonite evaluated the acreage of a company in the Bakken Play on behalf of a private equity investor. The client wanted to understand the Bakken and whether the company in which it was considering making an investment had leases within a "sweet spot" within the Bakken. The following pages comprise our review.

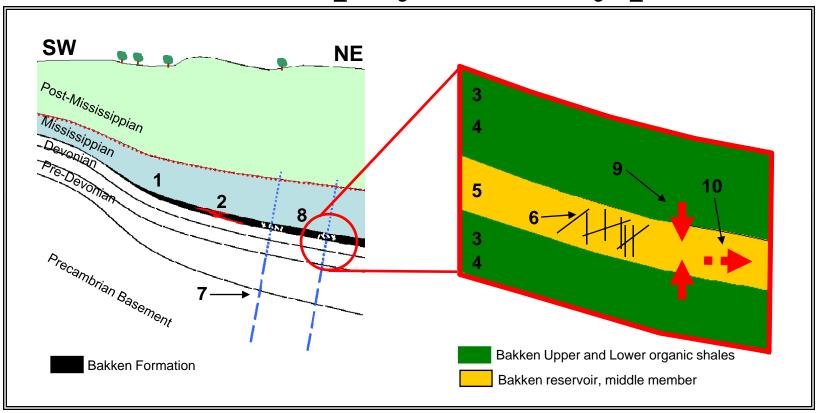


Bakken Formation in the Williston Basin





The Bakken play in 10 key points

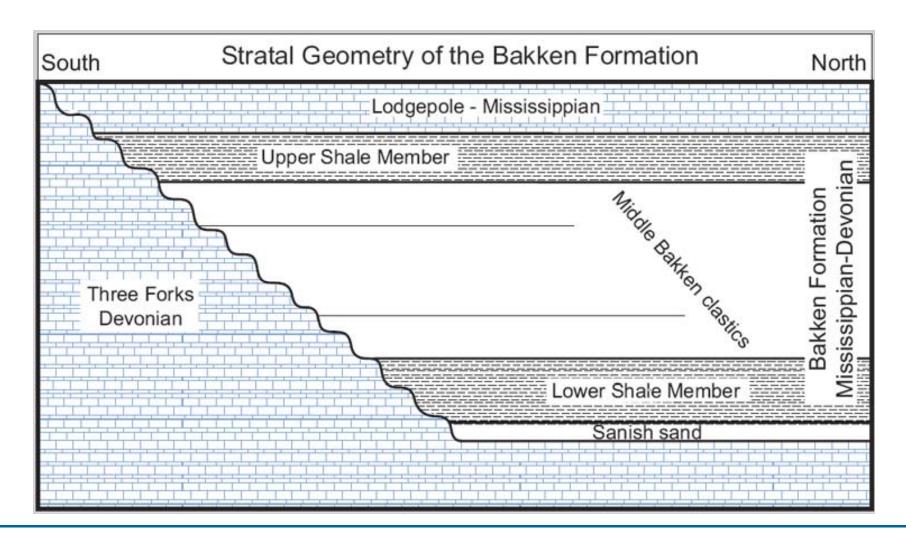


- A) Trap. Deposition geometry (1), together with lateral permeability barriers (2) permitted the formation of a continuous oil accumulation in the Bakken
- B) Seal. Upper and lower shales acted as an effective vertical seal (3)
- C) Source. The high organic content of the upper and lower shales (4) favoured the generation and expulsion of oil into the middel member
- D) Reservoir. The very-fine sandstone of the middle member (5) constituted the reservoir. Permeability, originally very-low, is enhanced mainly by natural fracturing (6). Natural fracturing occurred mainly as a response to the reactivation of basal structures (7)
- **E) Timing and migration**. Subsidence and the thermal gradient provoked the maturation of the organic shales of Bakken in the center of the basin (8) Primary migration filled up the middle member (9). Lateral migration was very limited (10). However, it permitted the accumulation of oil within the Bakken on the Canadian side of the basin and the migration of Bakken oil to the Madison group.



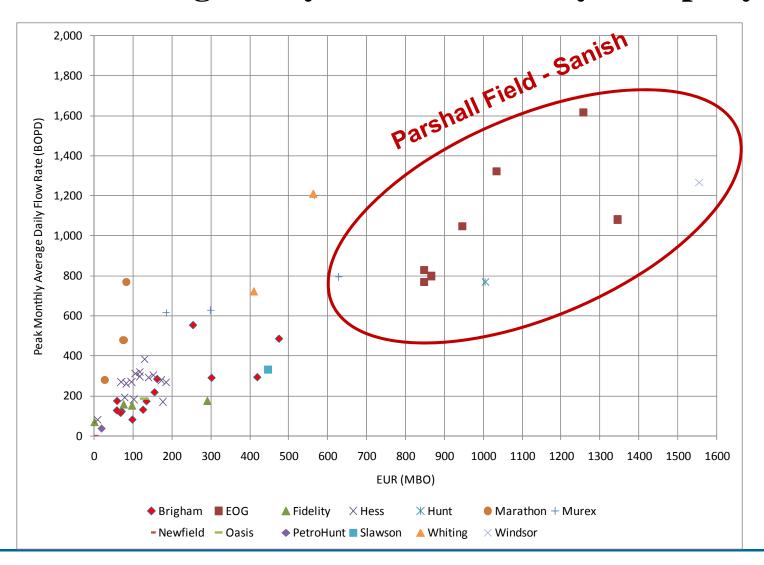


Bakken Formation Stratigraphy



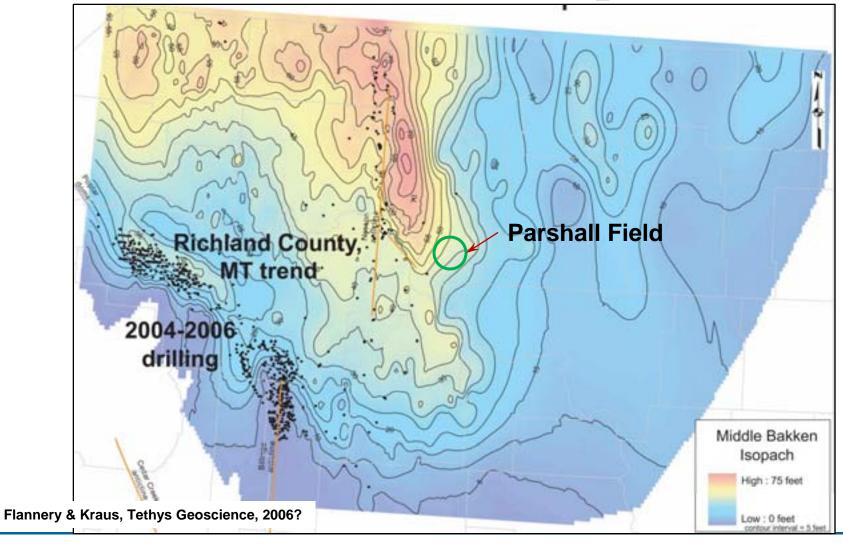


Peak Average Daily Rate vs. EUR by Company



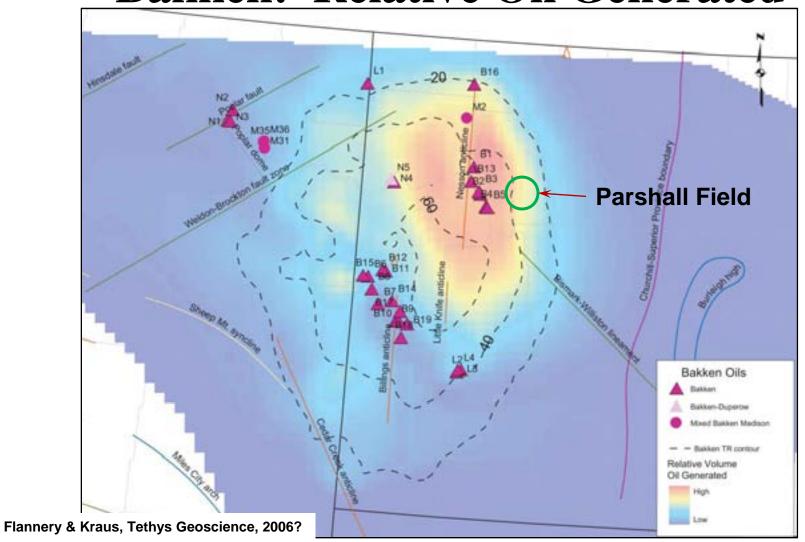


Middle Bakken Isopach



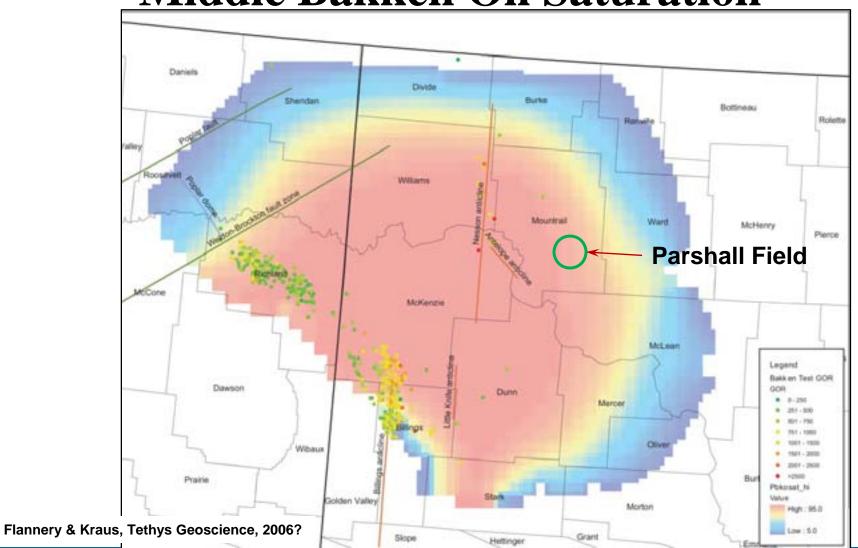


Bakken: Relative Oil Generated



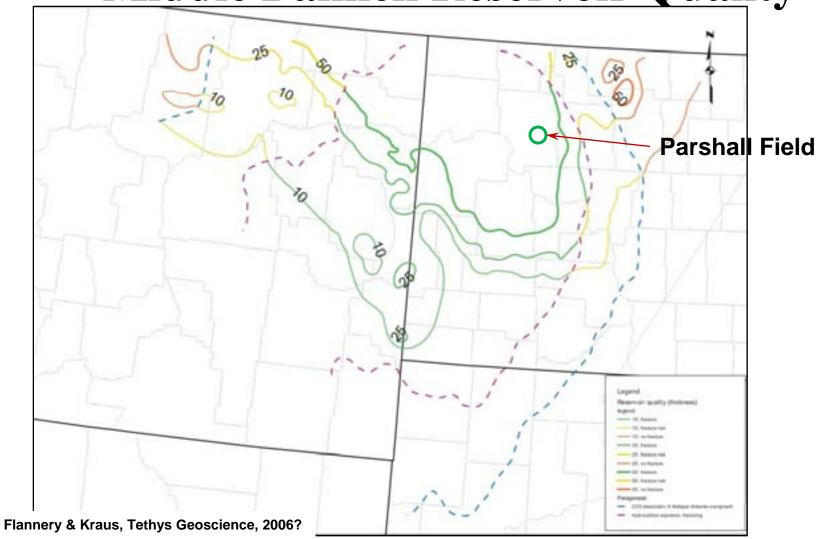


Middle Bakken Oil Saturation



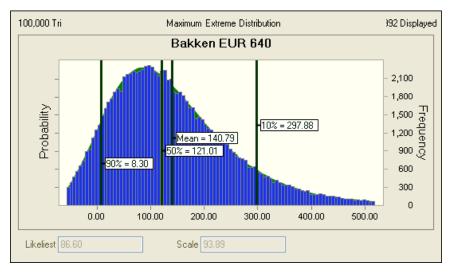


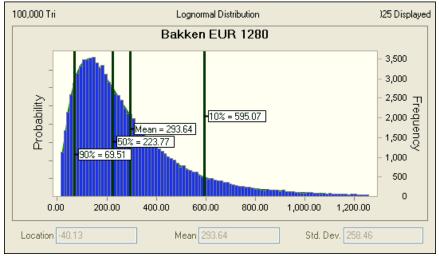
Middle Bakken Reservoir Quality





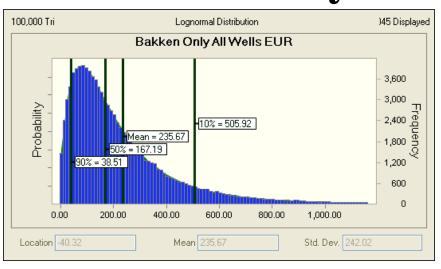
EUR in MBO Compared by Unit Size



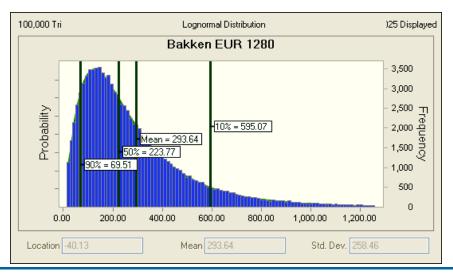


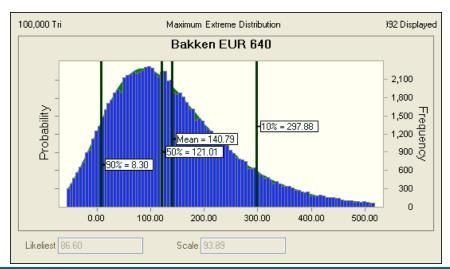


Bakken Only EUR in MBO



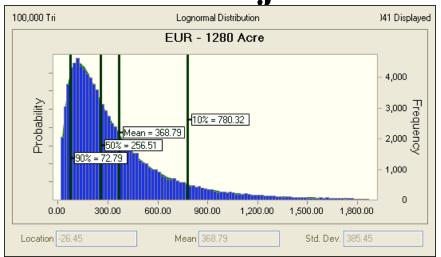
Excludes Parshall Field

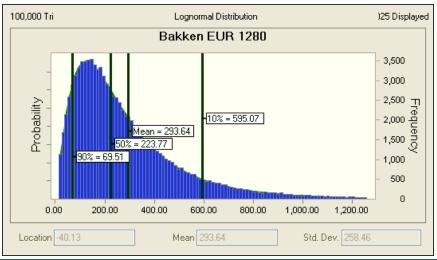


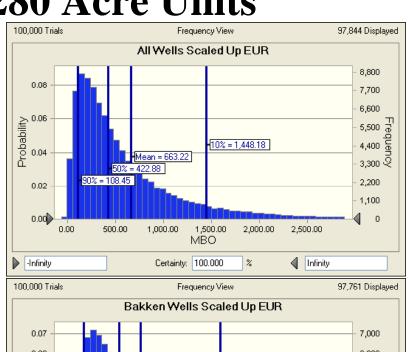


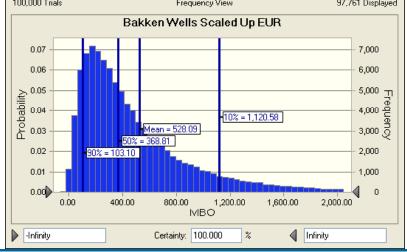


EUR in MBO for Existing Wells and Projections: 1280 Acre Units







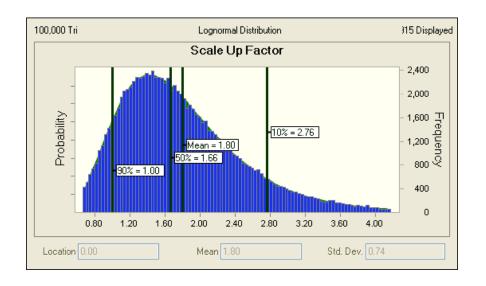


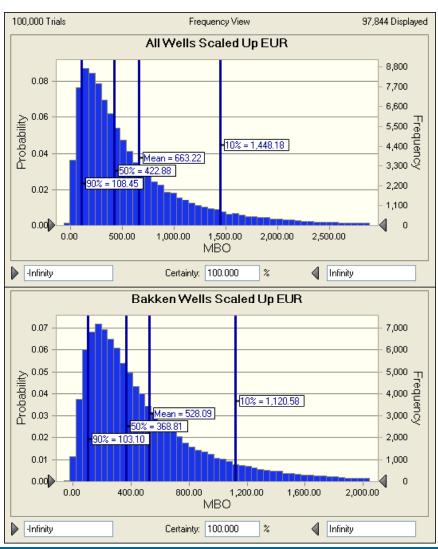
25 July 2009 CONFIDENTIAL Figure 11



Resource Potential in MBO for Wells with

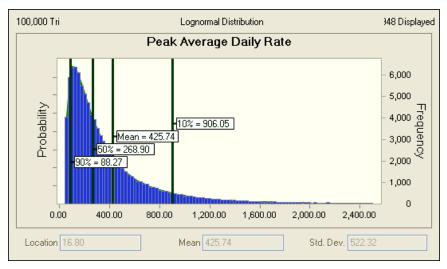
20+ Fracs

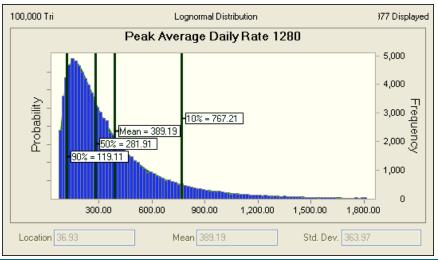


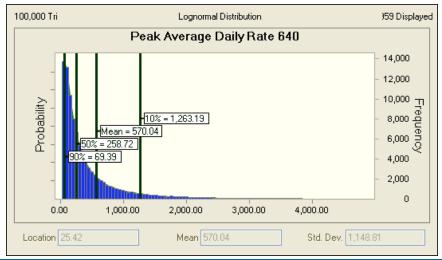




All Wells Peak Monthly Average Daily Rate

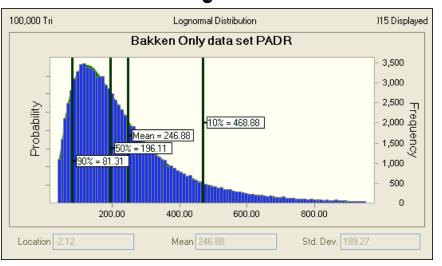




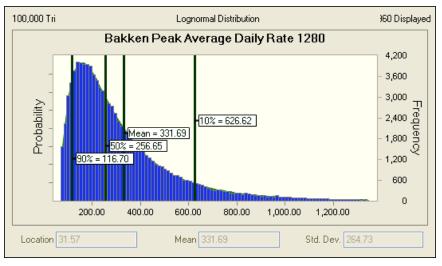


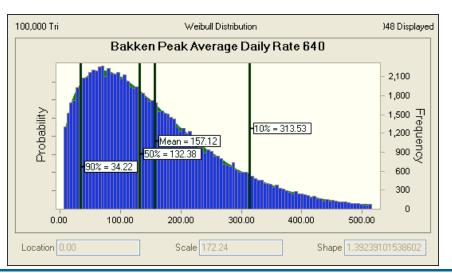


Bakken Only Peak Average Daily Rate



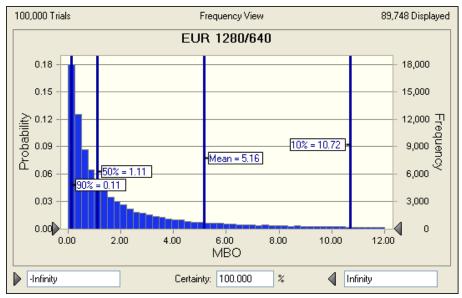
Excludes Parshall Field

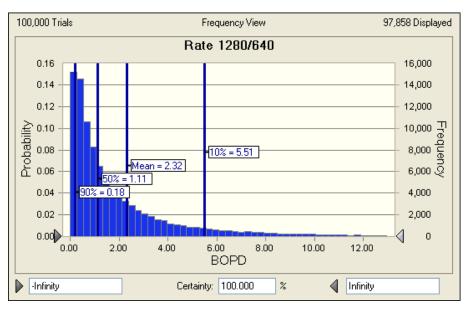






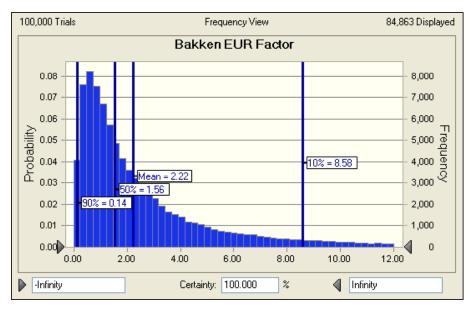
All Wells 1280/640 Factor



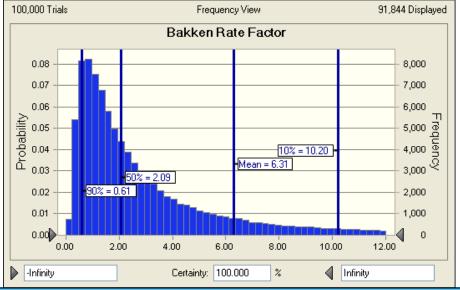




Bakken Only 1280/640



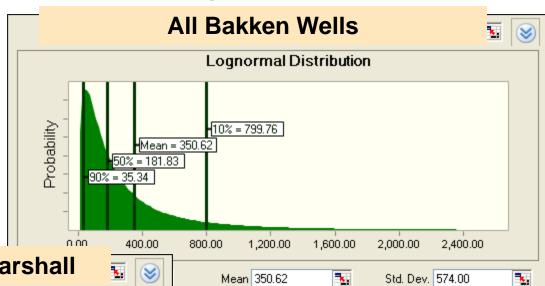
Excludes Parshall Field

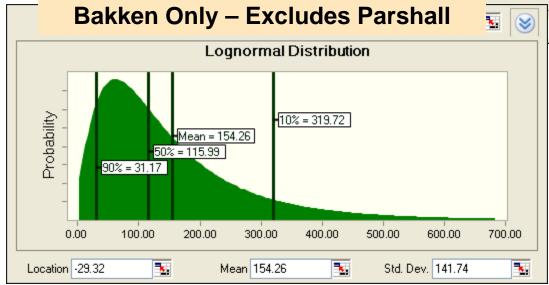




Normalized EUR

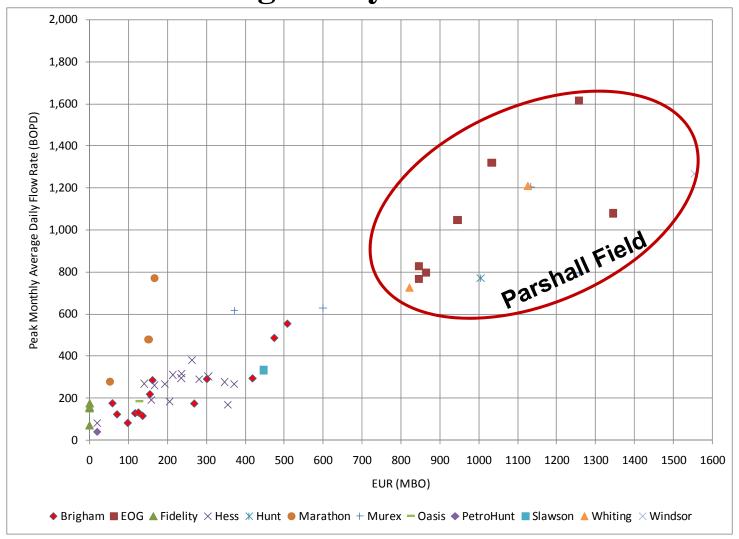
All EUR's normalized to 640 acre spacing







Peak Average Daily Rate vs. Oil/640 ac





Peak Average Daily Rate vs. EUR by Spacing

