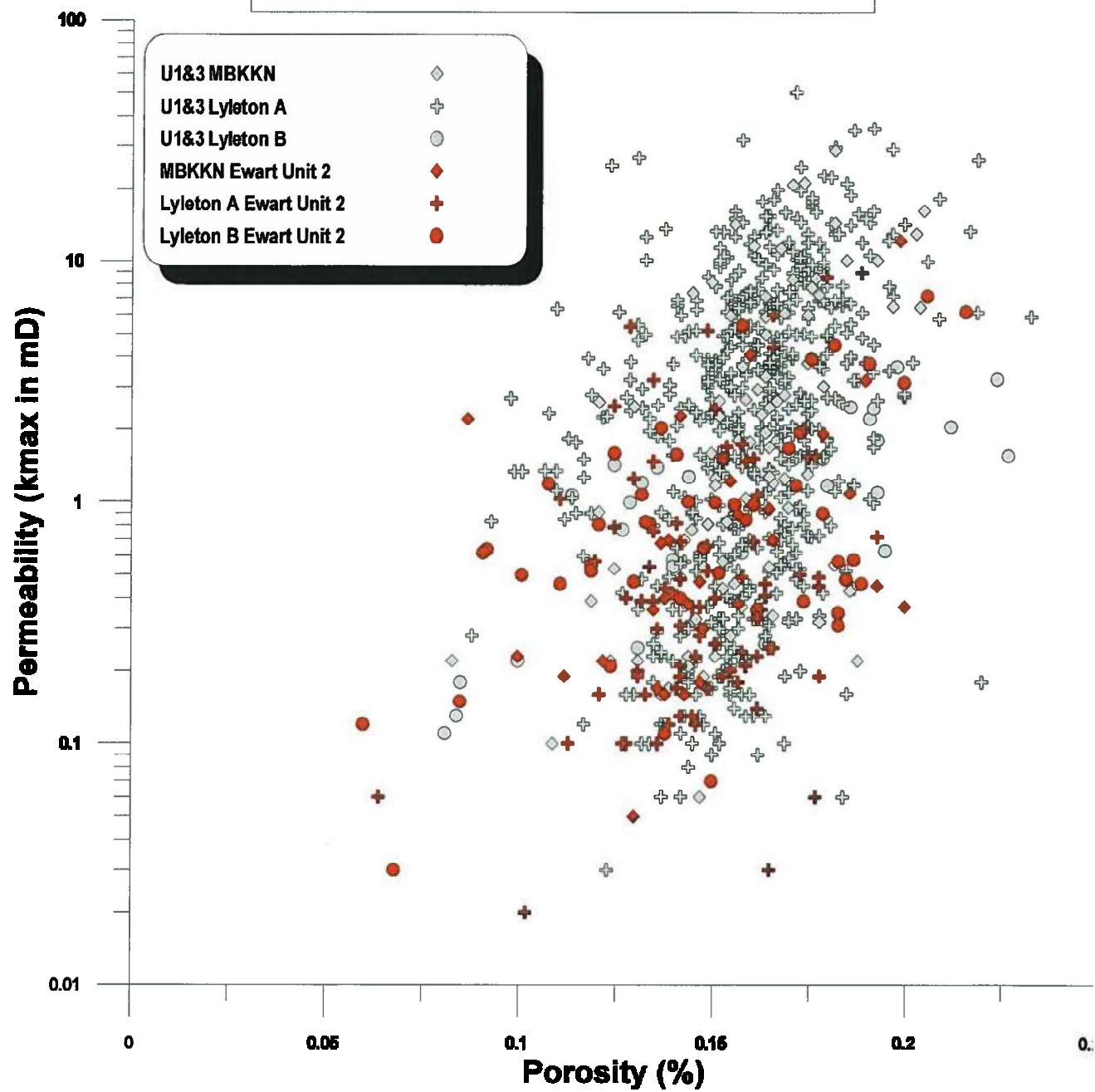






Barry W. Lamon  
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**Comparison of Porosity and Permeability  
Units 1 and 3 vs Ewart Unit 2**



Ewart Unit 2 - Section 29-007-28W1M  
Middle Bakken/Three Forks Fm (Lyleton) Rock and Fluid Properties

Formation Pressure	9,400 kPa @ -452 mSS	Initial Average Reservoir Pressure
Formation Temperature	32°C	
Saturation Pressure	2034 kPa	Bubble Point
GOR	6-10 m <sup>3</sup> /m <sup>3</sup>	Gas-Oil Ratio
API Oil Gravity	36-38	
Swi (fraction)	0.4	Initial Water Saturation
Produced Water Sp. Gr.	1.11	
Produced Water pH	7.1-7.3	
Produced Water TDS (mg/L)	150,000-156,000	
Wettability	Moderately oil-wet	
Average Air Permeability	Middle Bakken 0.902 Lyleton A 0.834 Lyleton B 1.399	Wt. Average Core Data (kmax>1 mD)
Average Porosity (Fraction)	Middle Bakken 0.148 Lyleton A 0.148 Lyleton B 0.152	Wt. Average Core Data (kmax>1 mD)
Wt Average from all MBKKN/Lyleton Cores in Section 29-7-28W1M plus 1 section around Section 29		