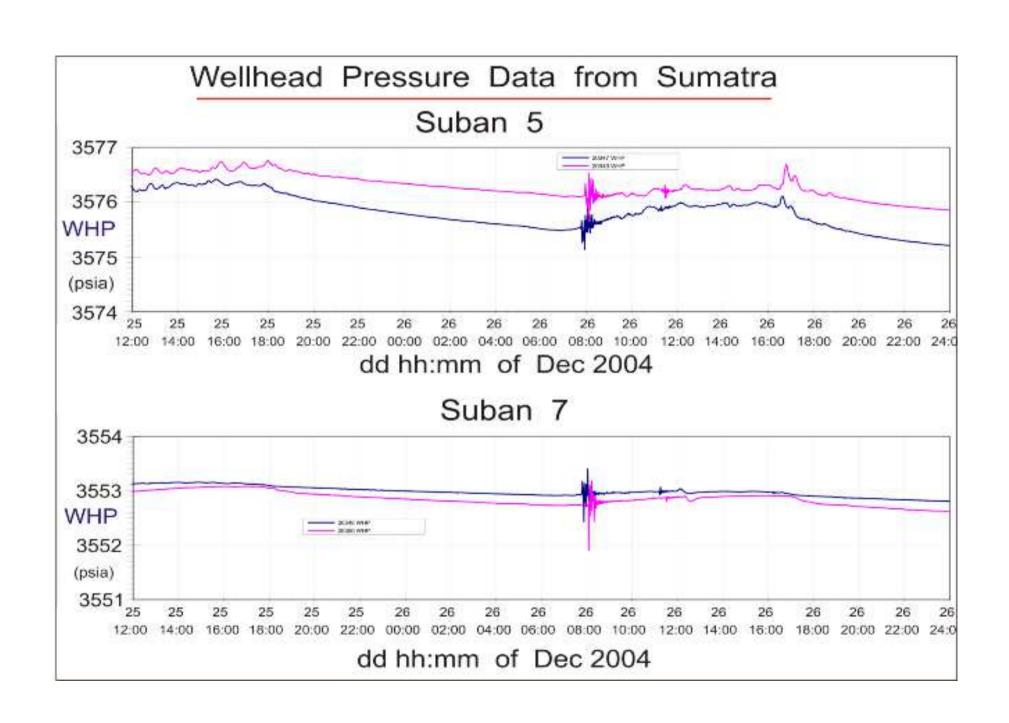
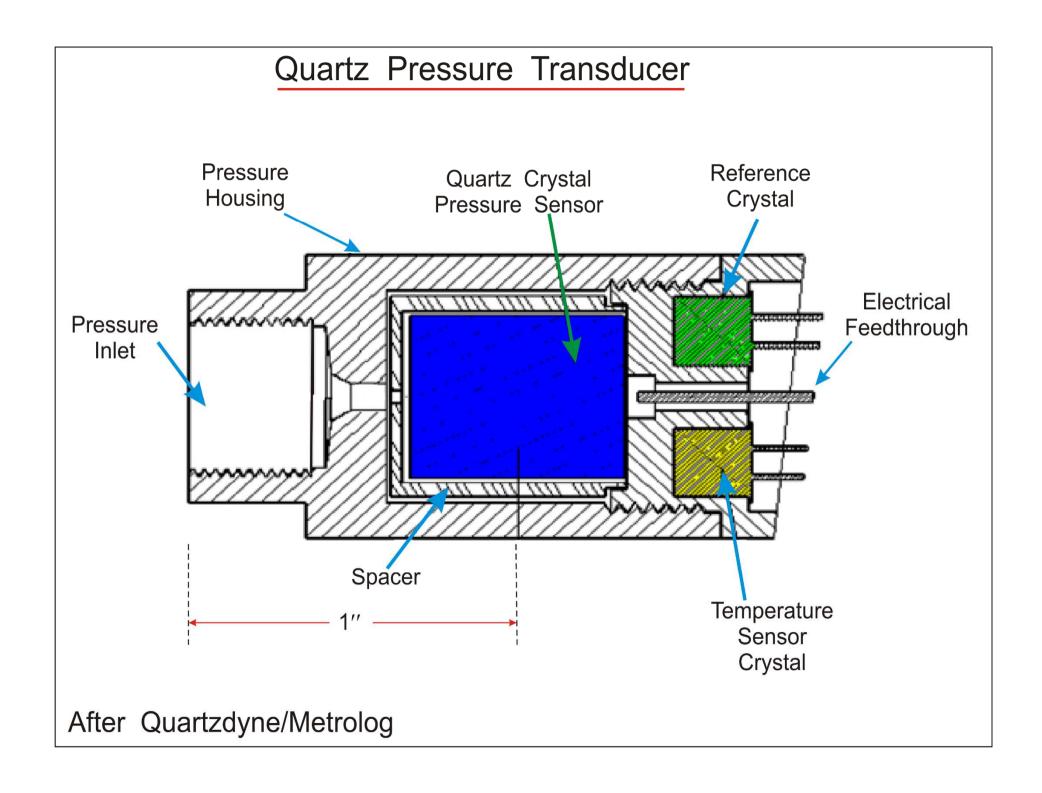
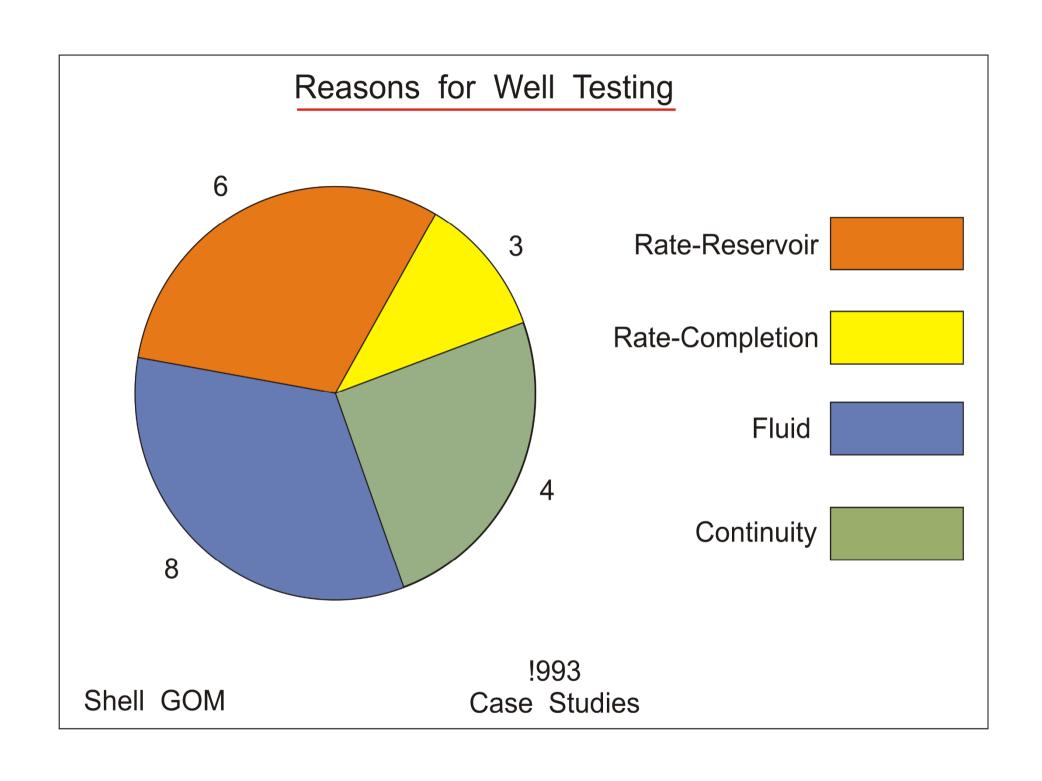
DEVEX Presentation on Well Testing

Prof George Stewart RGS Consulting

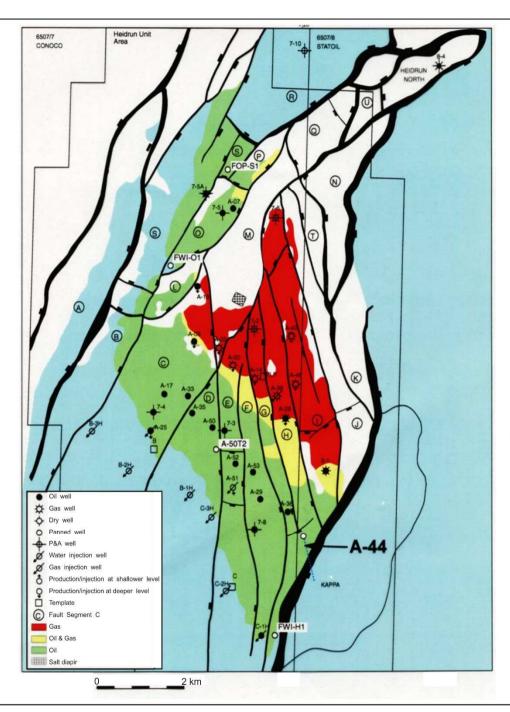






Heidron Field

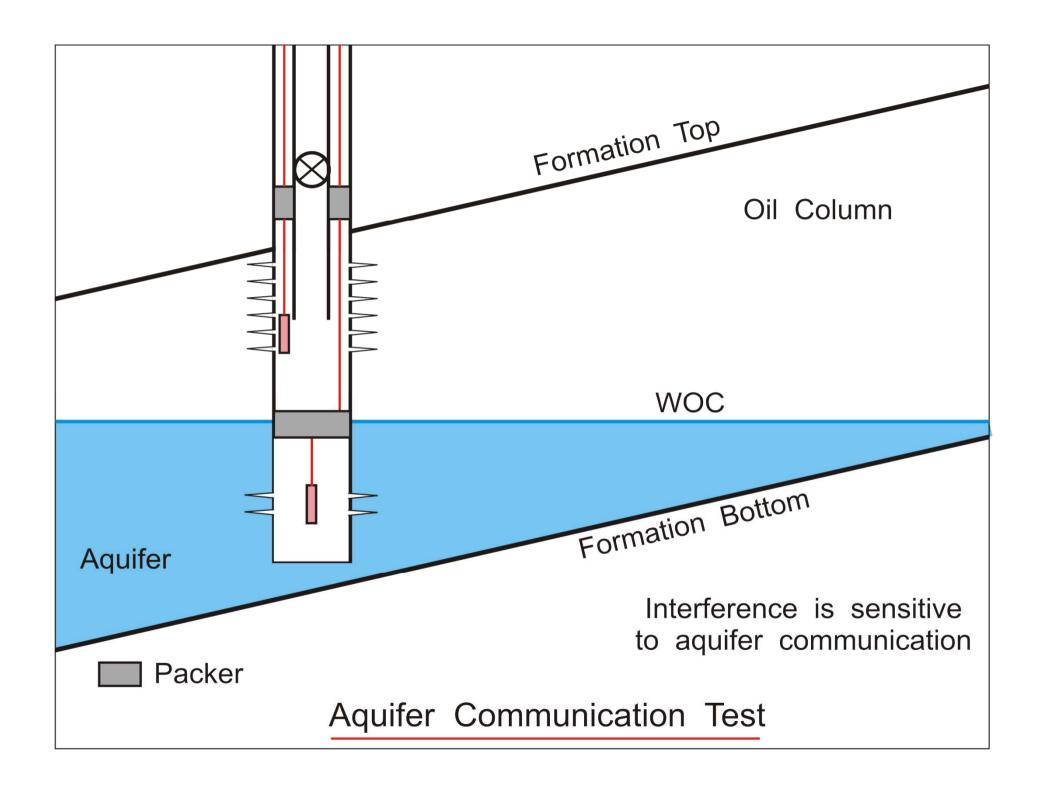
North Sea

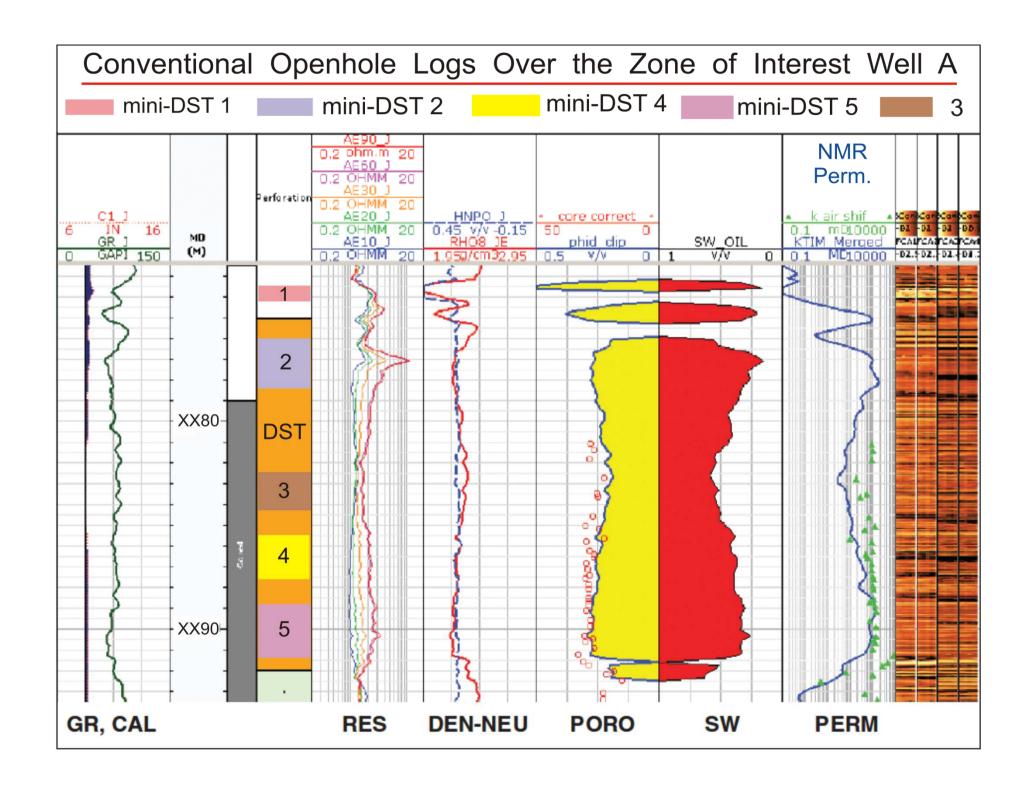


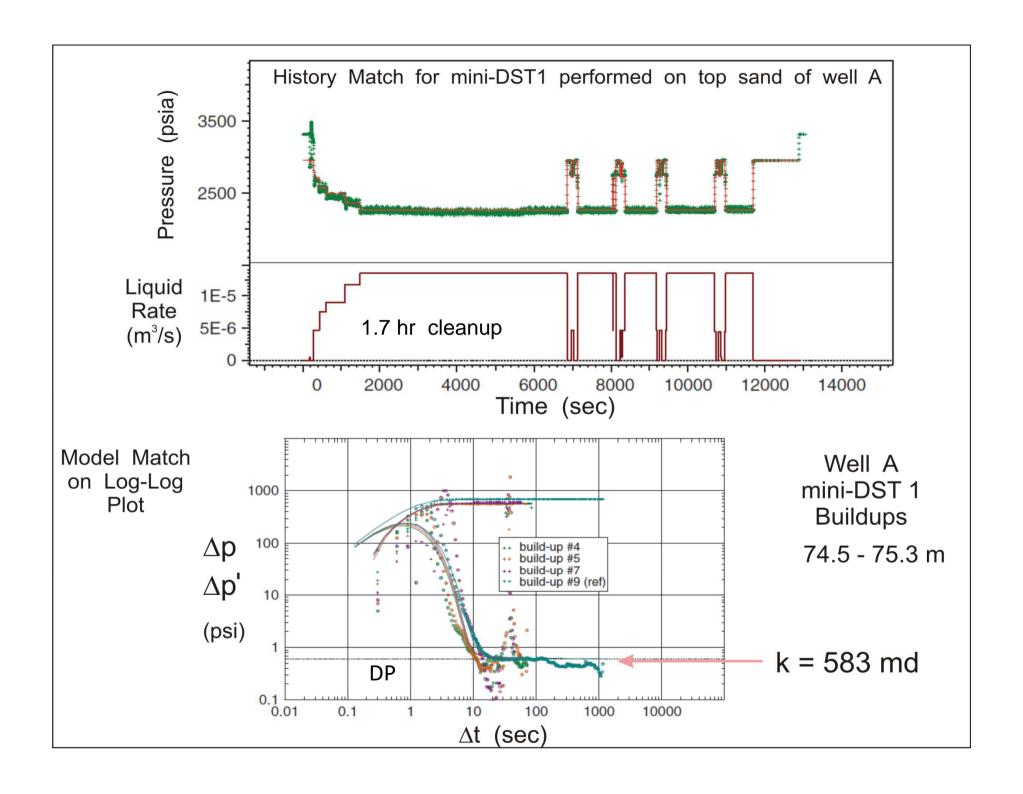
Fangst Group

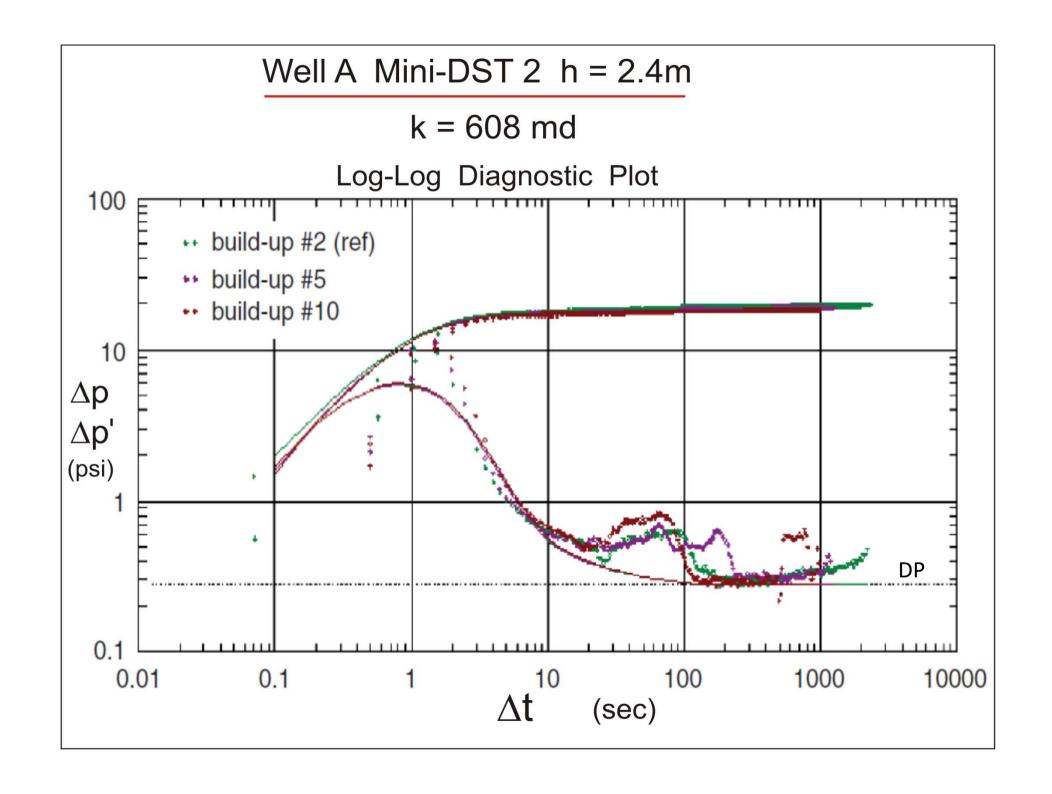
Drilled Wells and Planned Wells

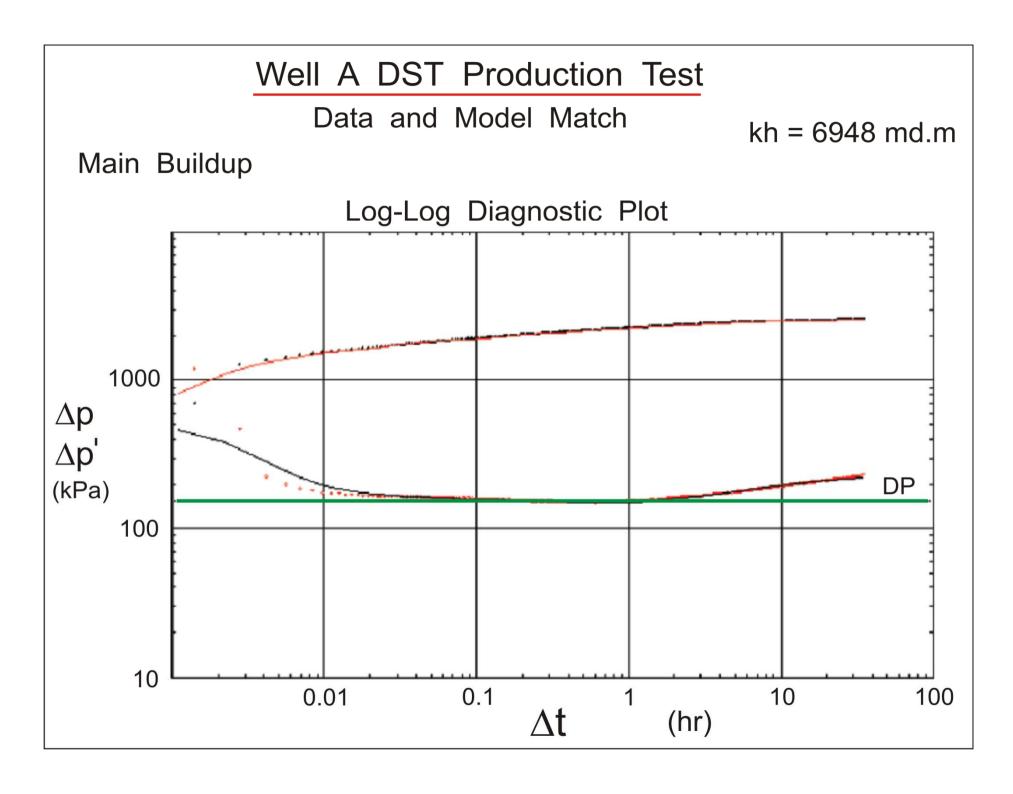
Welltest versus Dual Modified Timur Predicted Permeability Field A Appraisal Wells (md) 10000 Saturation Exponent = 1.5 permeability Modified Timur Limits 1000 Measured Well Test Average 100 Well D Well B Well E Well F 10 $\sqrt{k} = 100$ Well-C 100 10 1000 10000 Timur Predicted Permeability (md) Columbus Basin

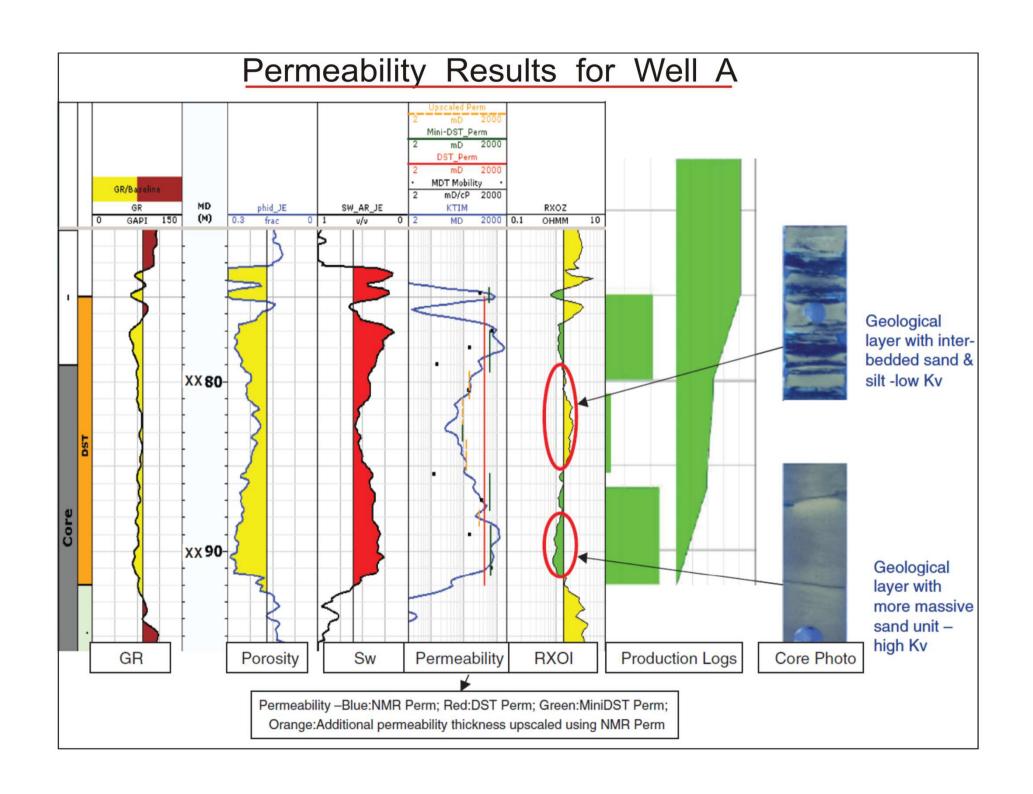








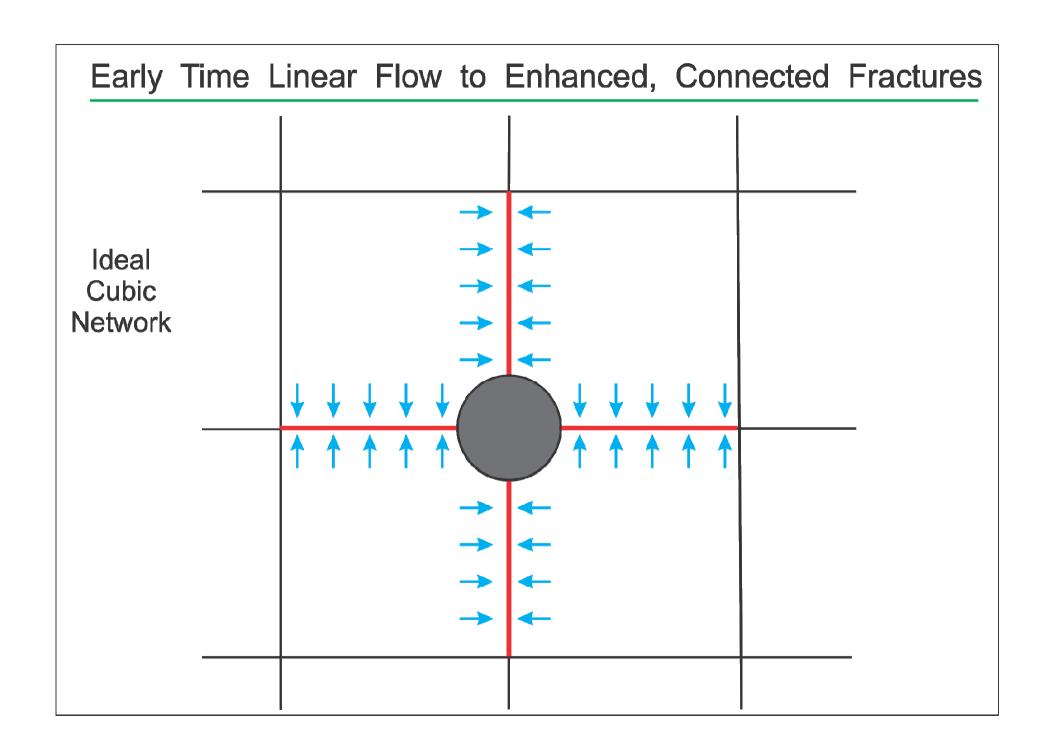


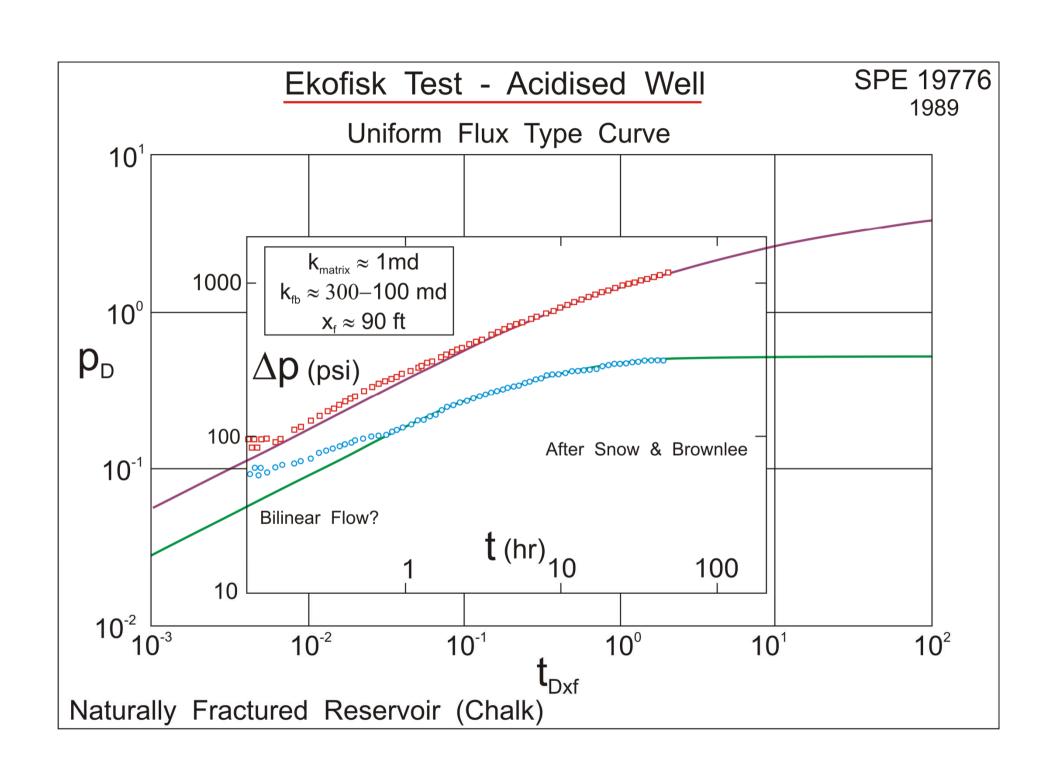


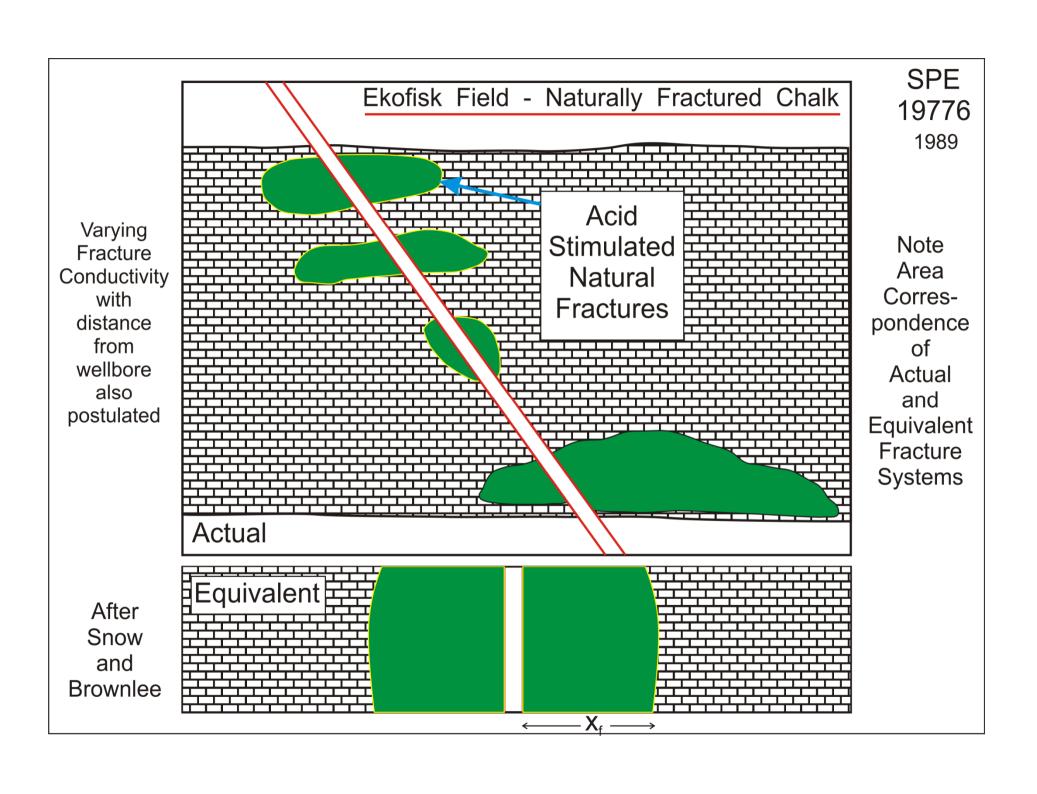
Comparison of Permeability-Thickness and Permeability Between Mini-DST and DST Results in Well A

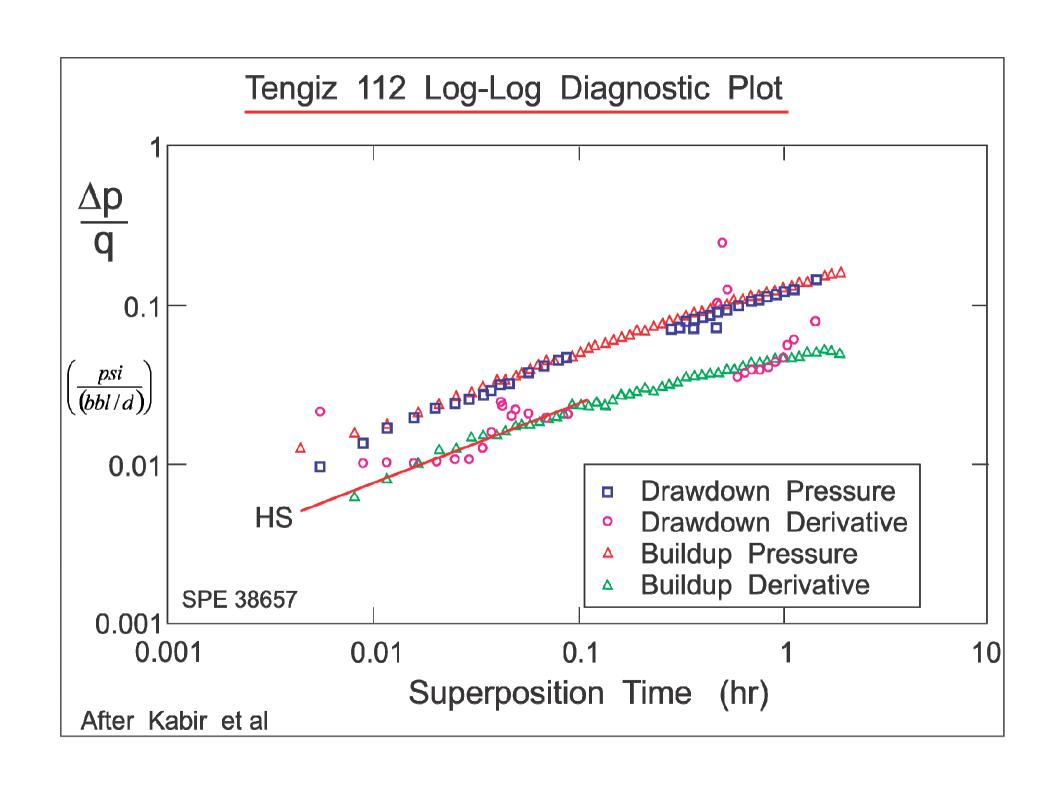
	Upscaled Mini-DST	DST
Thickness, m	15.2	16.5
Permeability Thickness, md.m	6149	6948
Average Permeability, md	405	421

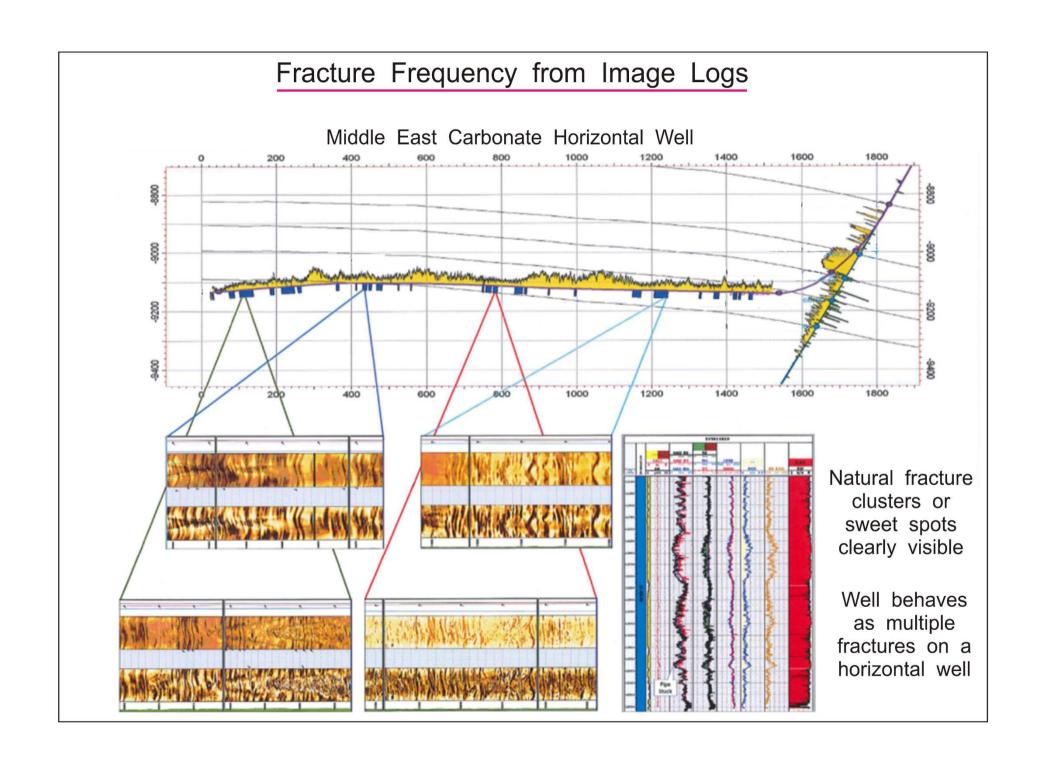
Unfortunately the authors give no results regarding the skin factor

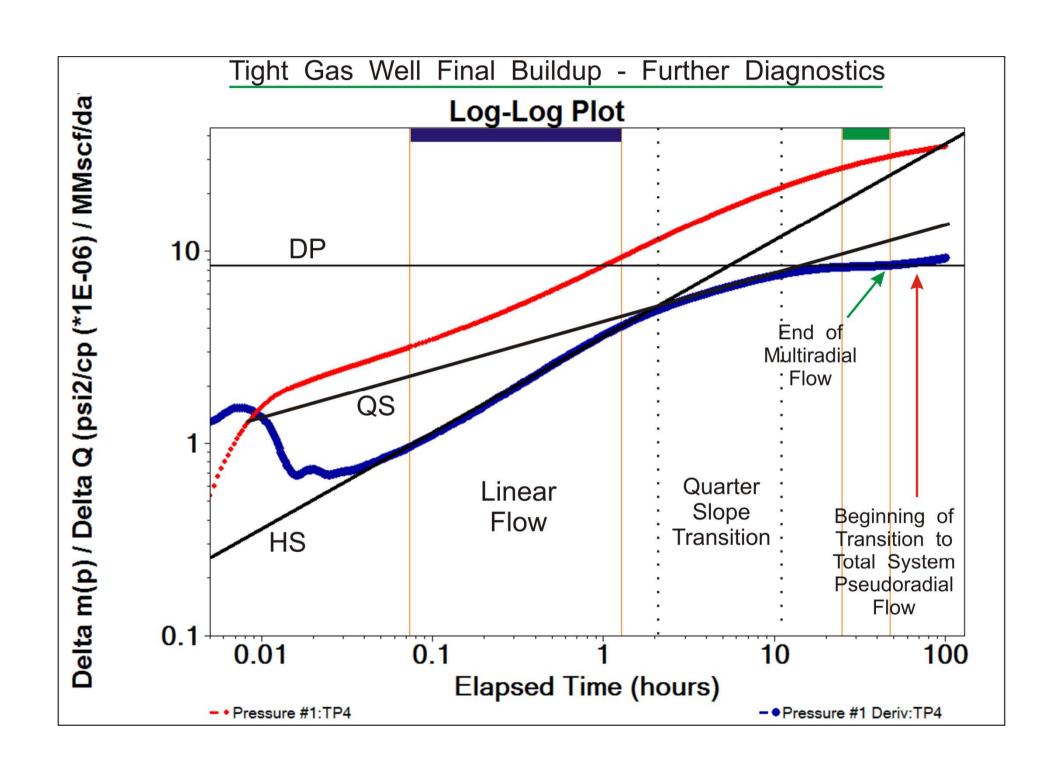


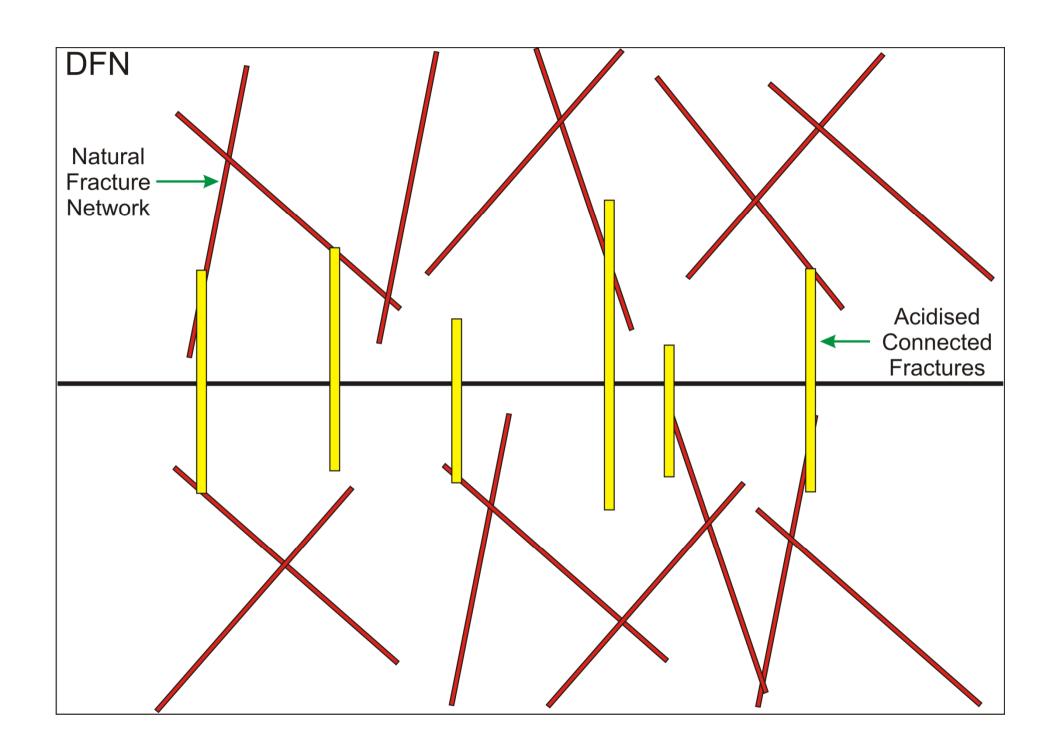


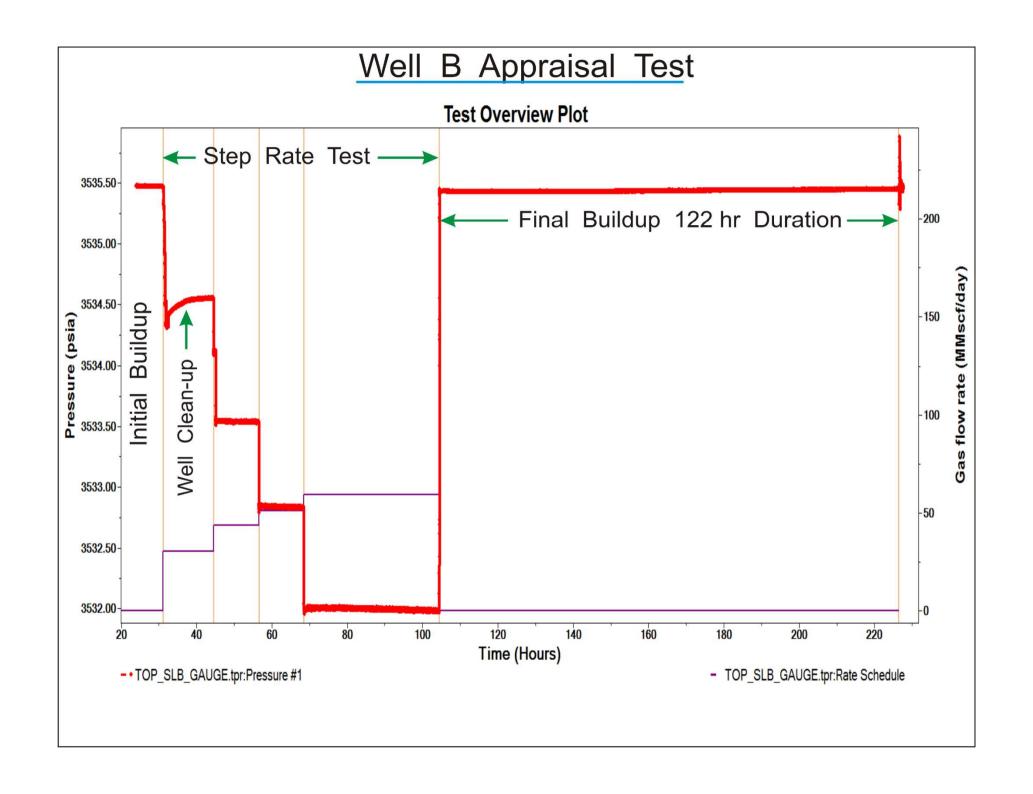


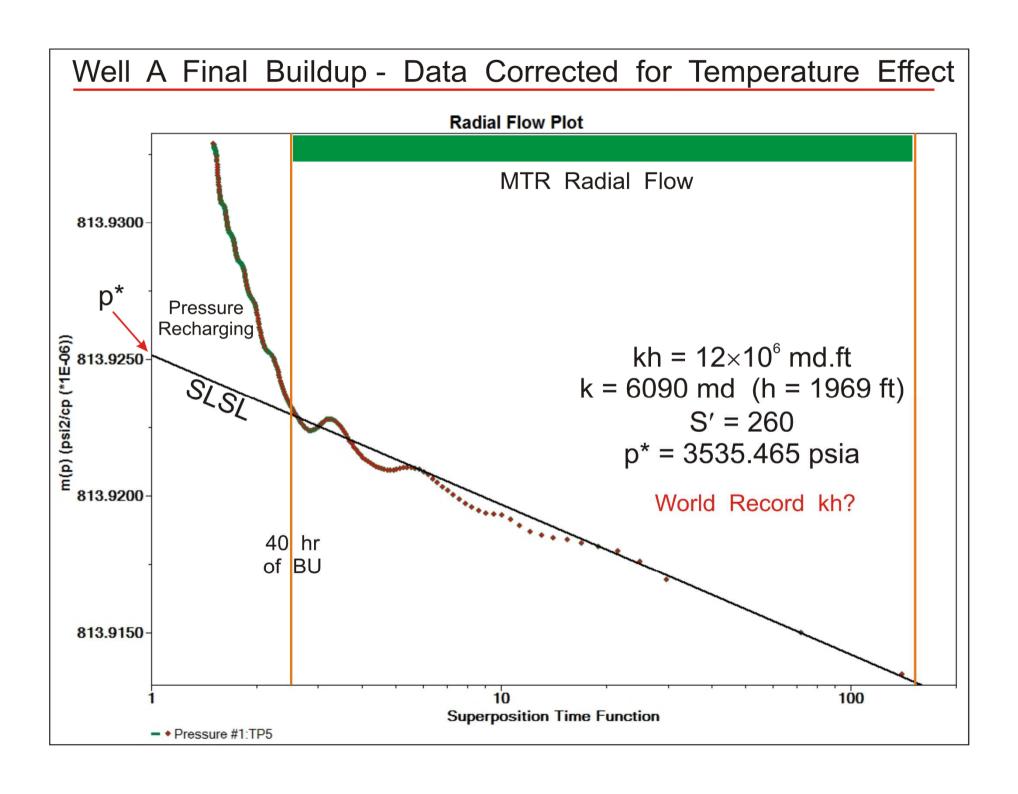


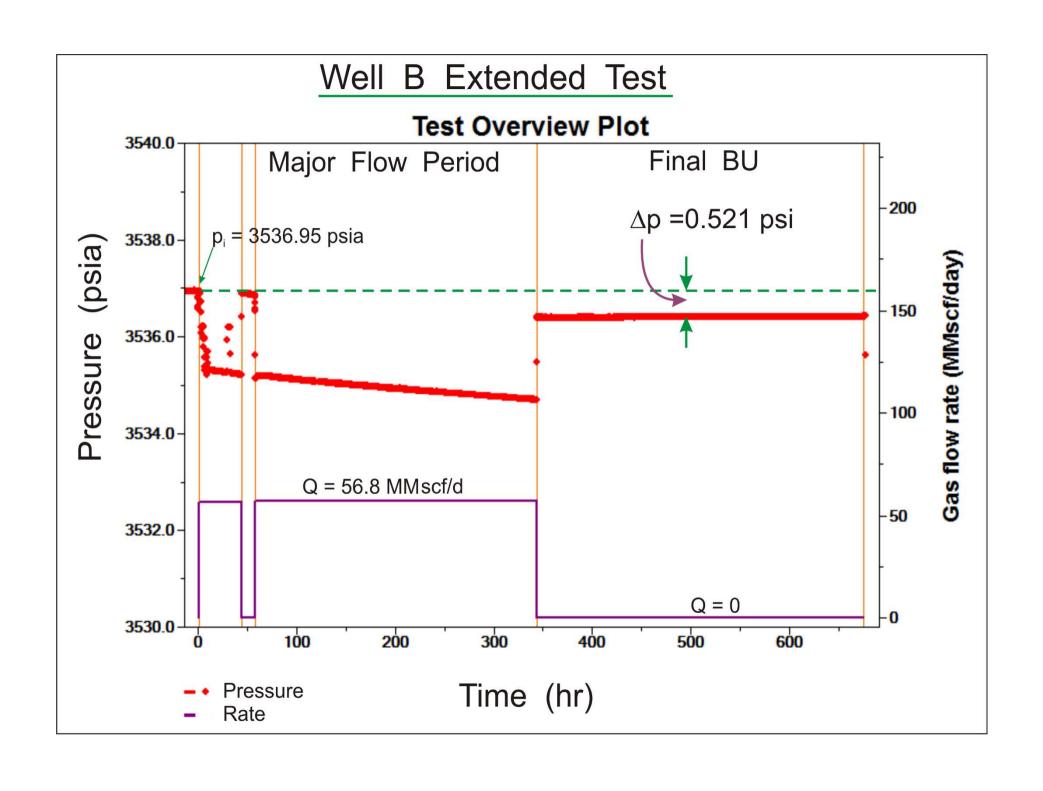


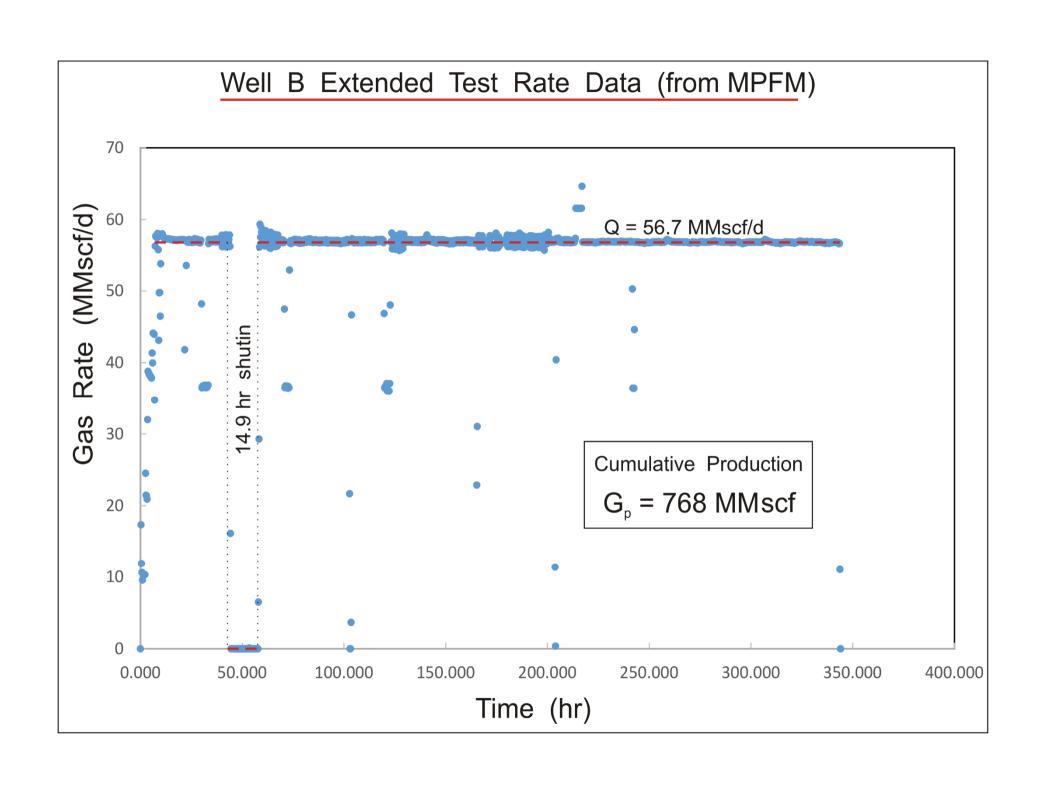


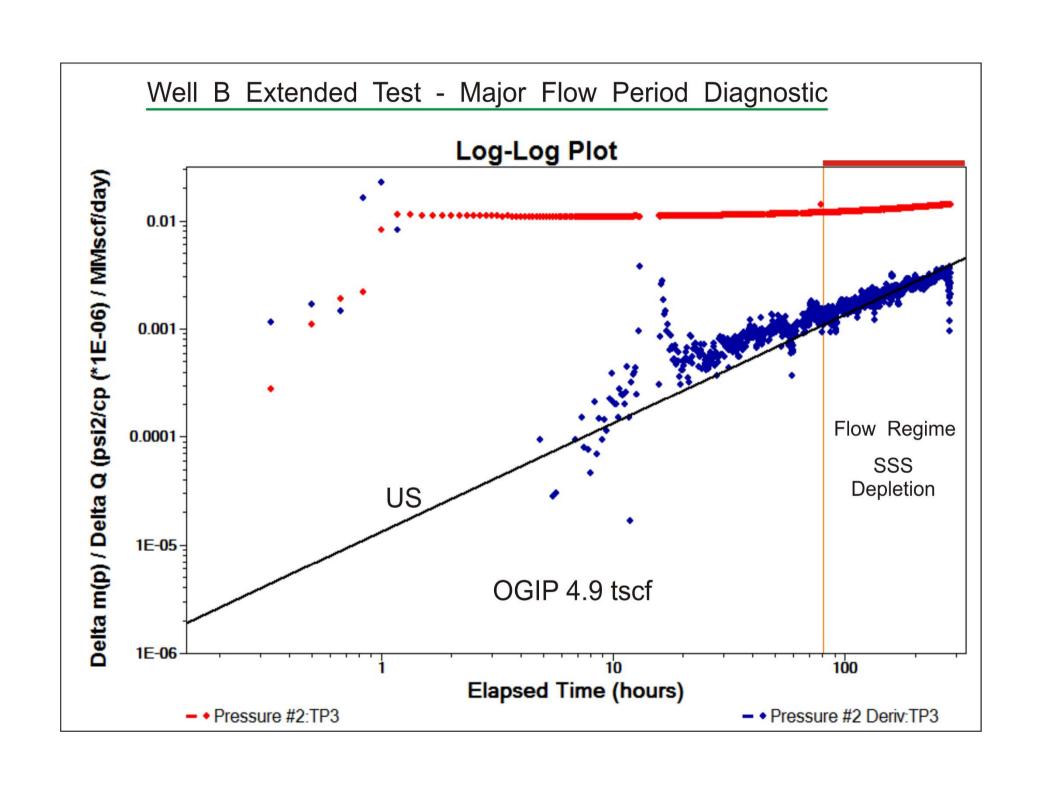


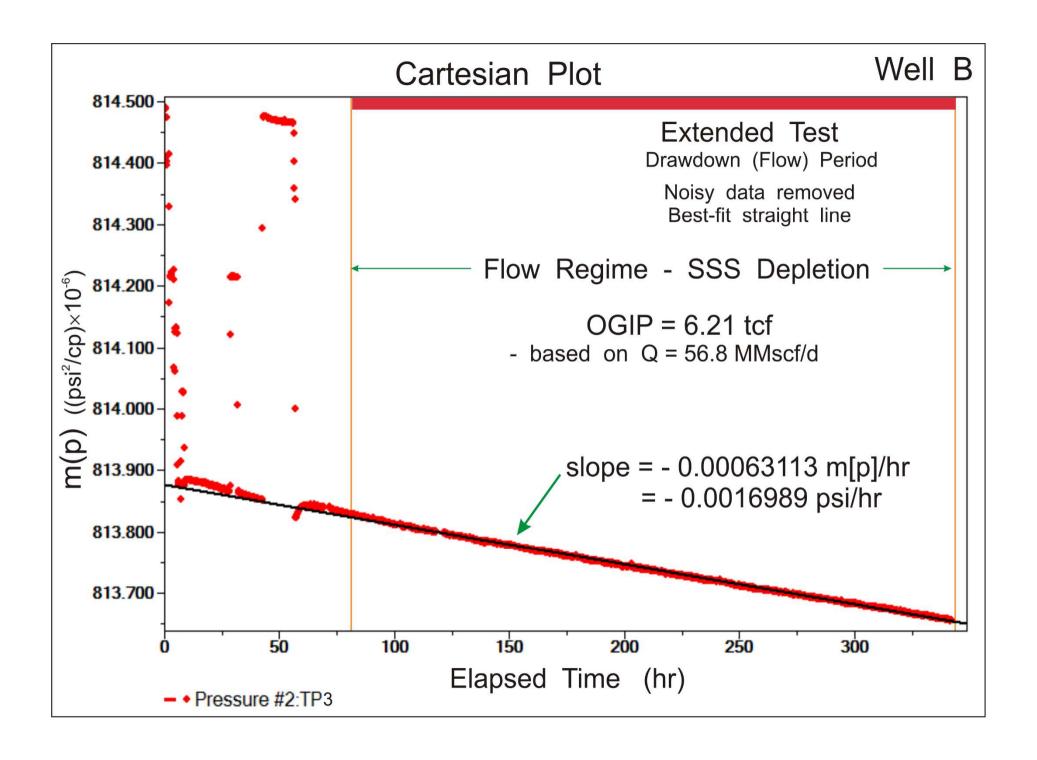


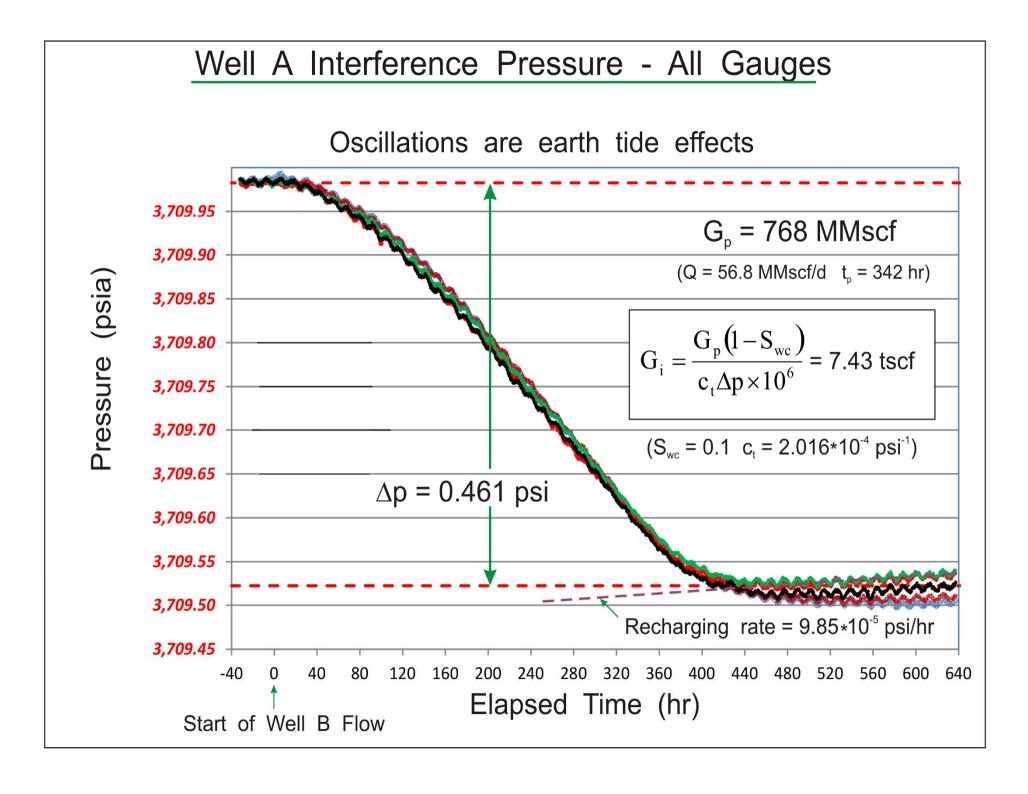


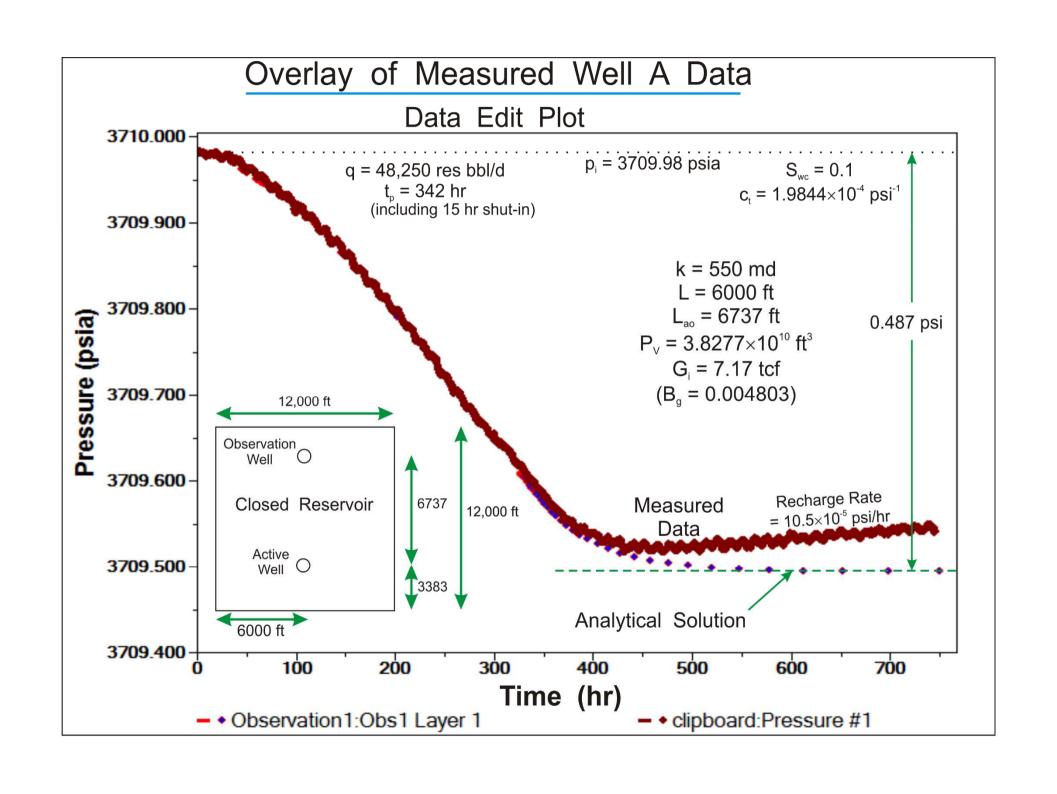


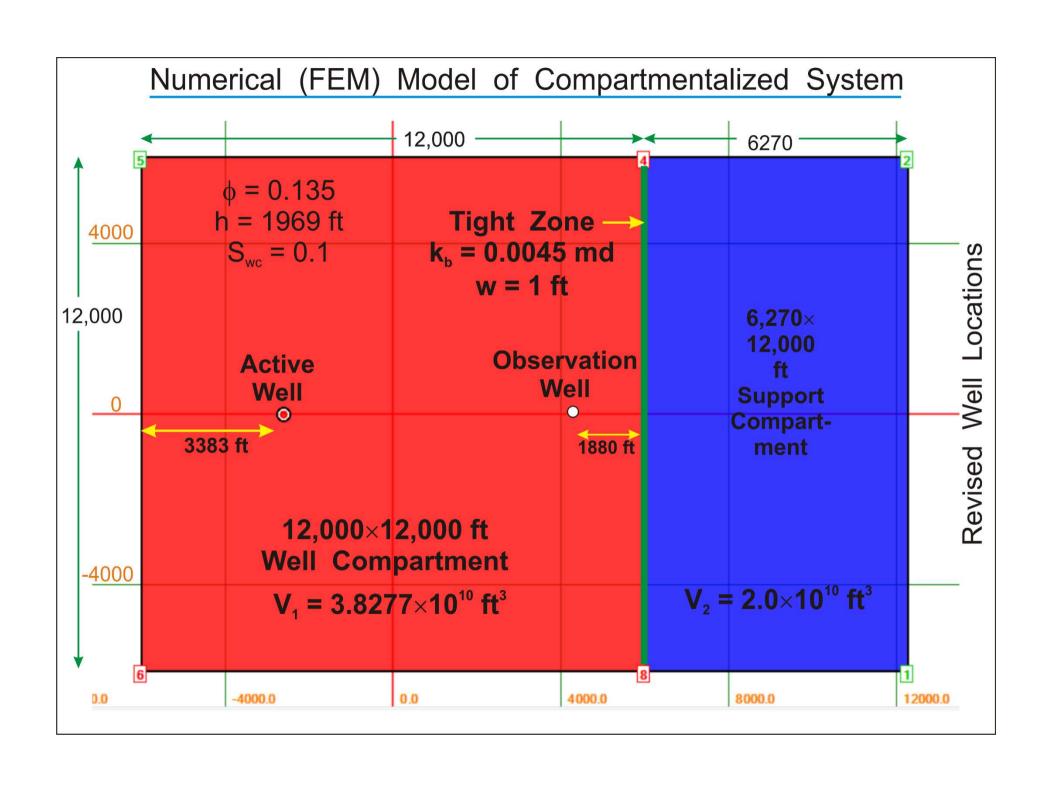


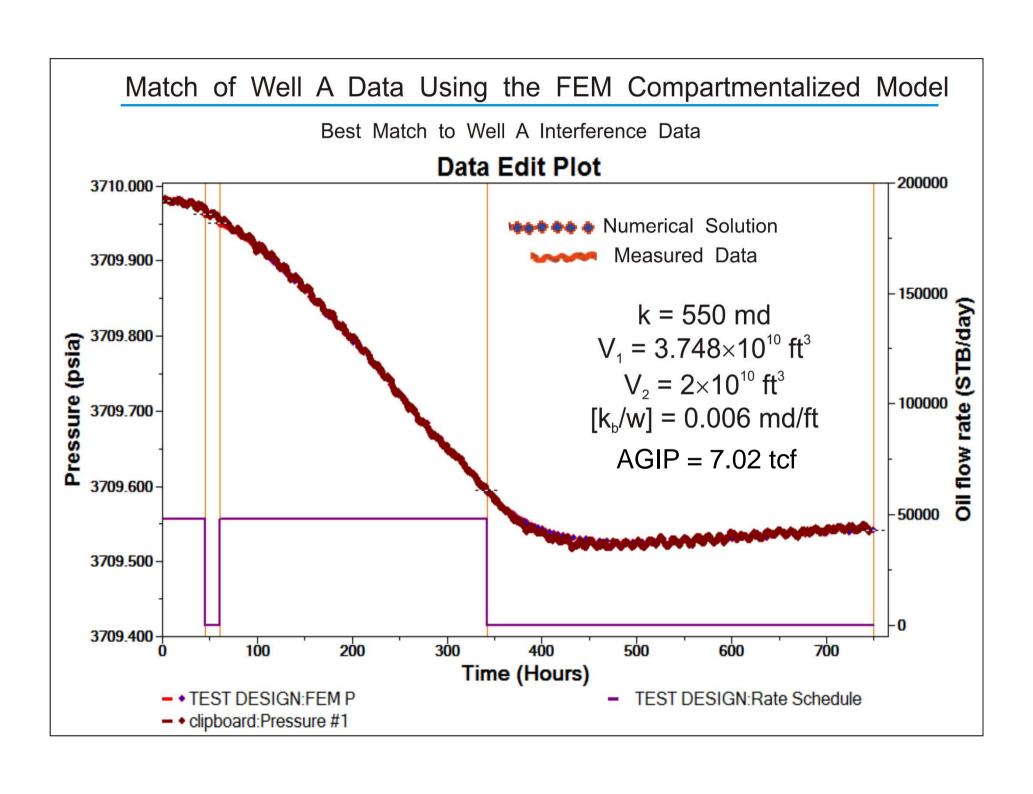






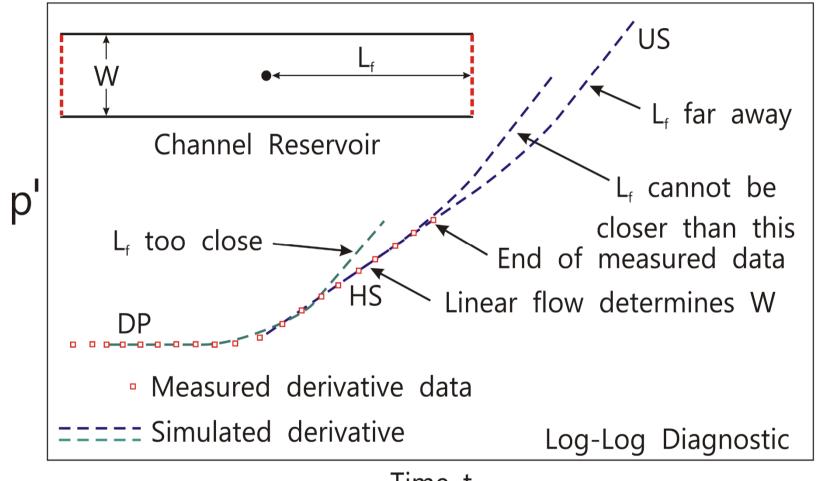






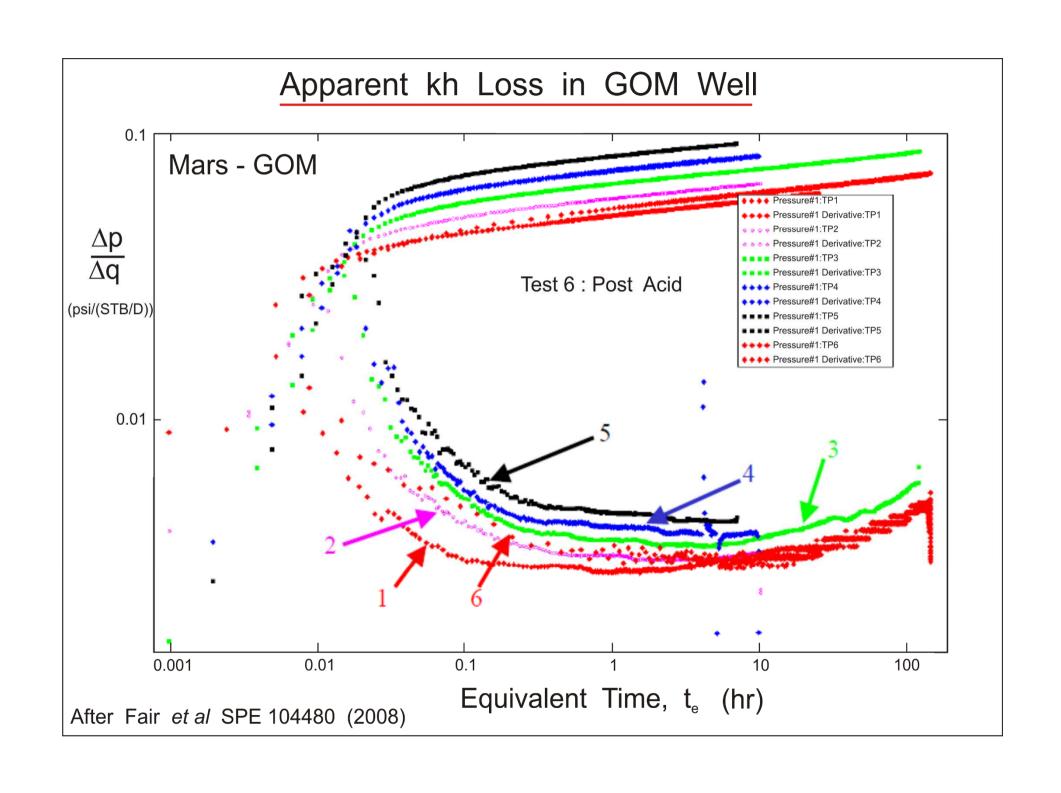
Shrinking Box Method

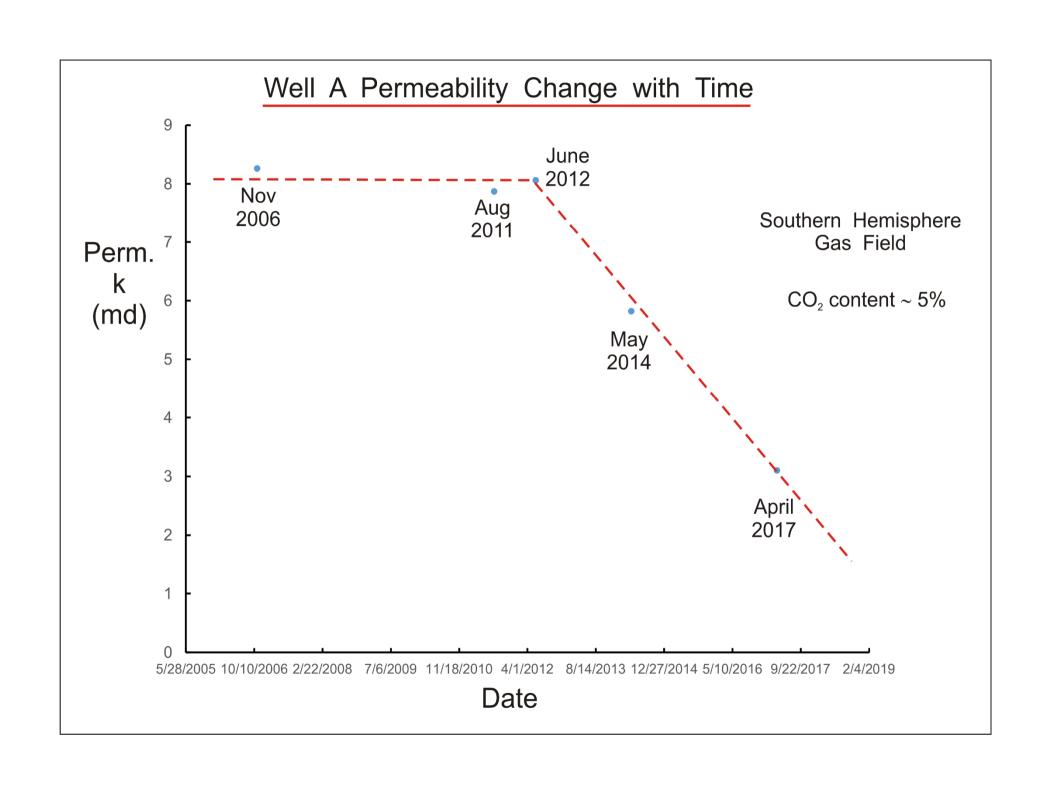
Potential closing boundary

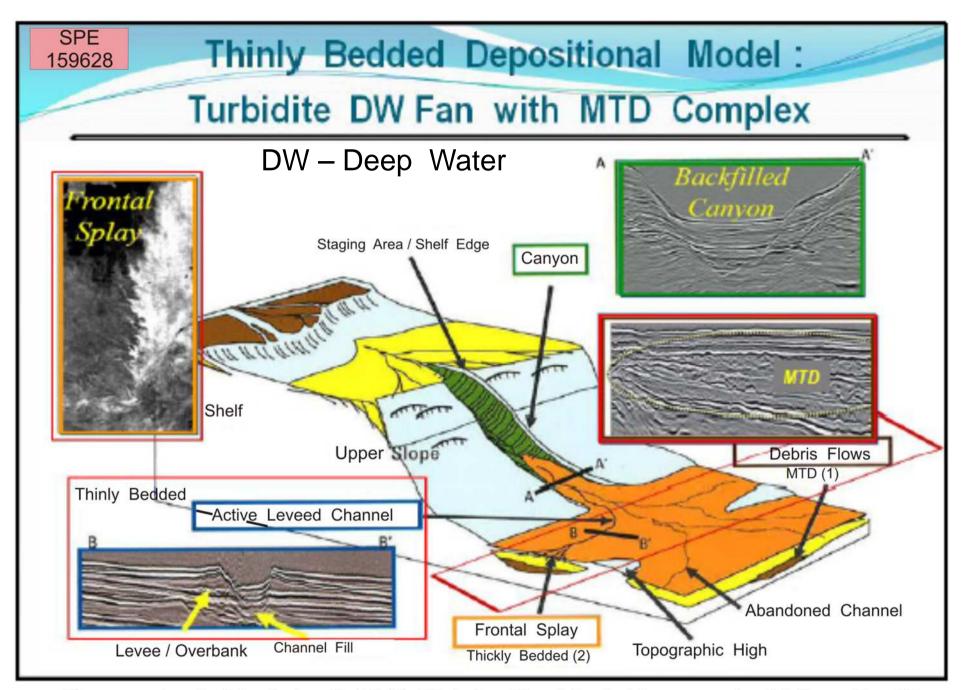


Time, t

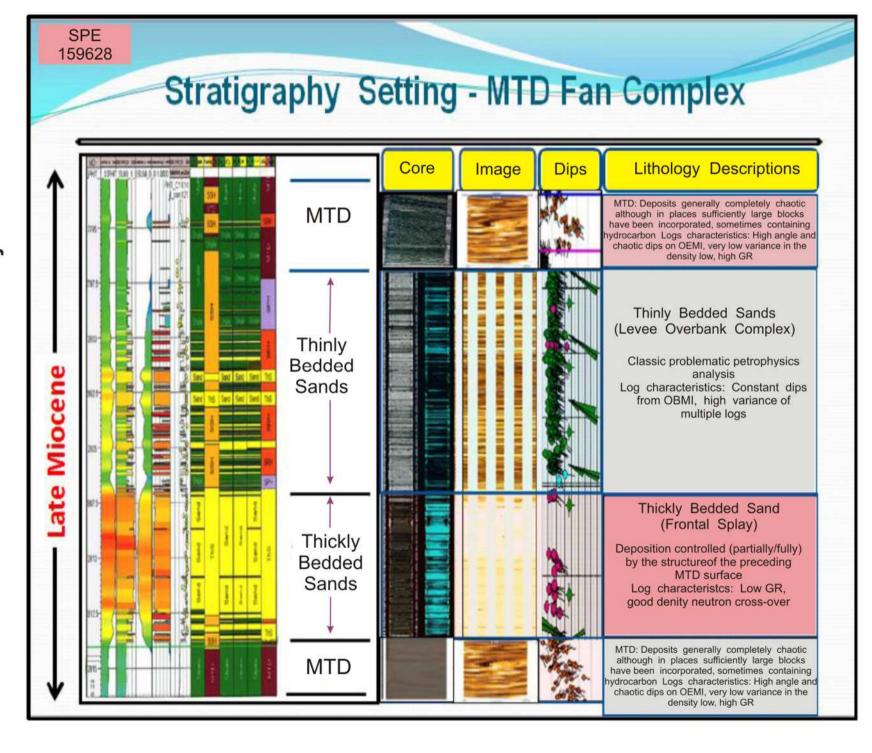
Simulated derivatives computed for different L_f values







Conceptual Model of DW Thinly Bedded Reservoir (After Budi)



Bouma Turbidite Sequence

	Grain Size		Bouma (1962) Divisions	Interpretation
		T_{ep}	Pelite	Pelagic Sedimentation
	→——Mud	T_{ef}	Massive or graded Turbidite	fine grained, low density turbidity current deposition
计算是多数			Upper Parallel Laminae	???
	←Sand Silt —	T _c	Ripples, wavy or concoluted Laminae	Lower part of Lower Flow Regime
		T _b	Plane parallel laminae	Upper Flow Regime Plane Bed
	Sand — (to granule at base)	T_{a}	Massive graded	(?) Upper Flow Regime Rapid Deposition and Quick Bed (?)

