























## **Correlation for Excess Suppression**

The bulk and confined properties of the three samples used in the analysis were calculated for a series of bulk saturation pressures (i.e. compositions)

Bulk Properties					Confined Properties					
			oil surface							Excess
		Bo,	density,	Rs,	Pliq (Psat),			ift,		supression,
Psat, bar	MW	Vres/Vsurf	gr-mol/cm3	cm3/cm3	bar	Pgas, bar	r, cm	dynes/cm	Pc, bar	bar
70	124.60406	1.266311	0.734729	62.33742	62.6333	68.4687	2.00E-06	5.8355	5.8354	1.5313
70	124.60406	1.266311	0.734729	62.33742	60.1706	67.9617	1.50E-06	5.8435	7.7911	2.0383
70	124.60406	1.266311	0.734729	62.33742	55.2371	66.9527	1.00E-06	5.8581	11.7156	3.0473
70	124.60406	1.266311	0.734729	62.33742	40.4154	63.9751	5.00E-07	5.8904	23.5597	6.0249
70	124.60406	1.266311	0.734729	62.33742	20.7639	60.1409	3.00E-07	5.9066	39.3771	9.8591
65	126.8538	1.254800	0.734509	58.56951	57.4140	63.5149	2.00E-06	6.1010	6.1009	1.4851
UNCONVENTIONAL RESERVOIR ENGINEERING PROJECT Advisory Board Meeting, November 13&14, 2014, Golden, Colorado										





































