

NGL Water Solutions DJ, LLC

Formation Water Testing Exemption for the C3A Formations

NGL C3A & C3B Combined Formation TDS

	Formation	Tops	Btm	Porosity	To be Determined			Formation Description
					TDS	Frac Gradient	Permeability	
NGL C3A Actual	Lyons	9476'	9610'	8%	14,570	N/A	N/A	Sandstone
	Lower Satanka	9610'	9854'	8%	98,756	0.63	25.4	Siltstone, shale
	Wolfcamp	9854'	9898'	7%	99,945	0.63	25.4	Dolostone
	Amazon	9898'	9958'	7%	99,945	0.63	25.4	Dolostone
	Council Grove	9958'	TD	9%	99,945	0.63	25.4	Dolostone, limestone
NGL C3B Anticipated	Admire	9601'	9641'	3%	TBD	TBD	TBD	Sandstone
	Virgil	9641'	9895'	16%	TBD	TBD	TBD	Limestone
	Missouri	9895'	9959'	4%	TBD	TBD	TBD	Limestone
	Fountain	9959'	10,079'	4%	TBD	TBD	TBD	Sandstone
	Des Moines	10,079'	10,491'	4%	TBD	TBD	TBD	Sandstone
	Atoka	10,491'	10,661'	2%	TBD	TBD	TBD	Sandstone
	Morrow	10,661'	TD	2%	TBD	TBD	TBD	Shale

The actual formation depths for the NGL C3B (not yet drilled) and the actual depths of the NGL C3A obviously overlap (this will be resolved when the well is drilled and the actual depths and formations are encountered).