Sec. 33 - 23S - 24E

Bourbon Co., Kansas

Oper. Shell Oil, Kan.-3

Footage	Unit No.	Lithology	Contact	Color	Sedimentary Structures: Bedding: Horizontal (Massive, Thick, Medium, Thin, Laminated, Wavy, Interstratified, Flaser)	Bedding: C Lam (Large, Medium, Small, Low Angle, Ripple)	Chemical	Organic	Other Structures	Texture: Clay, Silt, V Fine, Fine, Medium, Coarse, V Coarse, Granule, >Gran	Sorting	Cement	Fossils	Accessory Constit.: Pyrite, Siderite	Porosity	Interpreted Dep. Envir.	Remarks	Photo, Chemical, X-Ray, Peel, Thin Sections
380																		
			Sharp	M. Gray	✓					✓ ✓	Med.	Carb.				Low. Flow Scour	Alternating scour deposs.	
	1		Sharp	Lt. Br.	✓	✓ ✓		O		✓ ✓ ✓	Med.			✓ ✓		Low Scour	(Shale clasts)	
400					✓ ✓ ✓ ✓	✓ ✓ ✓				✓ ✓ ✓ ✓	Med.							
					✓ ✓ ✓ ✓		✓			✓ ✓ ✓ ✓				✓			Gradational ↑ sequences	
					✓ ✓ ✓				↑	✓ ✓ ✓							Oil stained	
420																		
434																	Oil staining	
			H. Br.		✓ ✓			O O		✓ ✓	Med.			✓		Alluvial		
440					✓ ✓	✓ ✓				✓ ✓								
					✓ ✓			O		✓ ✓				✓ ✓		"	(Mica Schist)	
			M. Br.		✓ ✓		✓ ✓	O O		✓ ✓	Med.			✓ ✓			(Slast)	
					✓ ✓					✓ ✓				✓ ✓		"	Oil staining	
					✓ ✓			O		✓ ✓	Med.			✓ ✓		"	(Rock frag)	
			Sharp	M. Gray			✓			✓								