KANSAS CORPORATION COMMISSION
SEP 0 4 2007
CONSERVATION DIVISION
WICHITA, KS

17-28-15E

Operator: Blue Jay Operating LLC			Lease Name:		Harkness	Well #	A-2	page 2
Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
739	743	blk shale	1012	1023	sandy/ shale			
743	762	shale			Oil Odor			
762	770	sand	1023	1053	sand			
770	774	shale	1053	1064	sandy/ shale			
774	791	lime	1064	1093	sandy/ shale			
791	793	blk shale	1093	1104	shale			
793	807	lime	1104	1126	Laminated sand			
807	813	blk shale	1126	1150	shale			
813	817	lime	1150	1153	coal			
817	818	shale	1153	1166	shale			
818	825	sand	1166	1167	coal			
		Oil Odor	1167	1171	shale			
825	853	sandy/ shale	1171	1174	Mississippi			
853	870	shale	1174	1178	shale			
870	871	coal	1178	1188	Chat			
871	893	shale	1188	1254	lime			
893	903	sand	1254		Total Depth			
903	921	shale						
921	923	lime						
923	924	coal						
924	953	shale						
953	954	coal						
954	956	shale						
956	965	sand						
		Oil Odor						
963		No Odor						
965	972	shale						
972	973	coal						
973	977	sand						
977	991	shale						
991	1010	sand						
		Oil Odor						
1002		No Odor						
1008		Oil Odor						
1010	1012	sandy/ shale						

Notes: **06LH-082306-R2-066-Harkness A-2 - BJO**

Dec 28 2006 1:33PM Well Refined Drilling Co. 6208395582 p.7