

Kacirek Trust #4-5
 Daily Drilling Report
 Page Two

- 10/18/14 Depth 4430'. Cut 134'. DT: None. CT: 17hrs. Dev.: None. **DST #4 4307-4360' (LKC G):** 30-60-60-90. IF: opened w/surf blw, didn't build. FF: no blw. Rec.: 2'M. HP: 2052-2061. FP: 21/21, 22/23. SIP: 71-49. BHT: 136°.
- 10/19/14 Depth 4590'. Cut 160'. DT: None. CT: 14½ hrs. Dev.: None. **LKC H:** Ls wht fxln, sl chalky, granular, foss, no vis por, 3 pcs lt spotty stn, nfo, no odr. **LKC J:** Ls wht, fxln, sl chalky, oolitic in part, mostly dense, 10% sample sl pp por, lt - drk sat stn, slsfo, fnt odr. **DST #5 4350-4440 (LKC H-J):** 30-60-60-90. IF: opened w/surf blw, built to 7". FF: blw built to 8". Rec.: 180'WM w/oil spts (80%W, 20%M), 152'WOCM (60%M, 20%W, 20%O). HP: 2161-2103. FP: 37/108, 115/168. SIP: 1253-1228. BHT: 143°.
- 10/20/14 RTD: 4840'. Cut 250'. DT: None. CT: 11hrs. Dev.: ¾° @ 4842'. HC @ 10:00PM 10/19. Pioneer started logging @ 4:00AM 10/20. LTD: 4842'
- 10/21/14 RTD: 4840'. CT: 17hrs. Ran 114jts of 5 ½" prod csg, set @ 4837'. Swift cmt w/450sxs (250SMD, 200EA2). PD @ 8:00PM 10/20. 30sxs RH, 20sxs MH. Circ 15sxs. RR @ 12:00AM 10/21. FINAL REPORT

		MDCI Kacirek Trust #4-5 1320' FNL 330'FWL Sec. 5-2S-36W 3279' KB				MDCI Kacirek Trust #1-5 2170' FNL 330'FWL Sec. 5-2S-36W 3252' KB			
Formation	Sample top	Datum	Ref	Log tops	Datum	Ref	Log tops	Datum	
Anhydrite	3195	+84	-20	3188	+91	-13	3148	+104	
B/Anhydrite	3220	+59	-14	3217	+62	-11	3179	+73	
Neva	3672	-393	-13	3668	-389	-9	3628	-380	
Stotler	3936	-657	-17	3935	-656	-16	3892	-640	
Topeka	4000	-721	-16	4000	-721	-16	3957	-705	
Oread	4131	-852	-19	4129	-850	-17	4085	-833	
Lansing	4217	-938	-20	4218	-939	-21	4170	-918	
Stark	4434	-1155	-19	4435	-1156	-20	4388	-1136	
BKC	4487	-1208	-22	4486	-1207	-21	4438	-1186	
Pawnee	4613	-1334	-22	4613	-1334	-22	4564	-1312	
Cherokee	4692	-1413	-26	4689	-1410	-23	4639	-1387	
Mississippi	NR			NR			4859	-1607	
RTD	4840						4945		
LTD				4842			4935		