

Kacirek Trust #2-5
 Daily Drilling Report
 Page Two

- 9/25/14 Depth 4240'. Cut 70'. DT: None. CT: 20hrs. Dev.: None. **DST #3 4110-4200' (Doug-LKC A)**: 30-60-60-90. IF: opened w/surf blw. FF: blw built to BOB in 55mins. Rec.: 100'CO, 80'GOCM (40%M, 30%O, 30%G). HP: 2070-2008. FP: 28/65, 50/81. SIP: 1240-1205. BHT: 137°. **LKC D**: Ls white, f-mxln, sl chalky, oolitic in part, foss, pyritic, 25% sample gd interxln por, blk sat stn, fr odr. **DST #4 4189-4240' (LKC D)**: 30-60-30-60. IF: Opened w/surf blw, built to BOB in 5mins. FF: blw built to BOB in 5mins. Rec.: 578'MW (50%W, 50%M), 798'MW (87%W, 13%M). HP: 2077-2007. FP: 63/400, 403/650. SIP: 1202-1200. BHT: 150°.
- 9/26/14 Depth 4310'. Cut 70'. DT: None. CT: 19hrs. Dev.: None. **LKC G**: Ls tan - brn, fxlIn, sl chalky, foss pr interxln por, 1% sample, dk sat stn, slsfo, faint odr. **LKC G'**: Ls brown, fxlIn, mostly dense, sl interxln por, 3% sample dk sat stn, prsfo mostly on break, fnt odr. **DST #5 4253-4310 57' (LKC G)**: 30-60-30-60. IF: Opened w/surf blw, built to BOB 3mins. ISI: return built to 10½". FF: blw built to BOB in 5mins. FSI: return built to ½". Rec.: 253'FO, 868'GO (85%O, 15%G), 240'GMCO (70%O, 20%M, 10%G). HP: 2062-2002. FP: 90/373, 385/562. SIP: 1287-1282. BHT: 151°.
- 9/27/14 Depth 4384'. Cut 74'. DT: None. CT: 20hrs. Dev.: None. **LKC H**: lst, fnxln, sl chalky, foss, pr ppt por, lt spt-sat stn, SSFO, no odor. **LKC J**: lst, fnxln, sl ool, foss, pr interxln por, lt sat stn, FSFO, fnt odor. **DST #6 4302-4384 (H-J)**: misrun. After DST #6 legde @ 1422' reamed, lost 50BBLs fluid. **DST #7 4308-4384 (H-J)**: 30-60-30-60. Rec.: 1056'M. Mis-run.
- 9/28/14 Depth 4530'. Cut 146'. DT: None. CT: 13½ hrs. Dev.: None.
- 9/29/14 RTD 4770'. Cut 240'. DT: None. CT: 10hrs. Dev.: ¼° @ 4770'. HC @ 11:00PM 9/28. Pioneer started logging @ 5:45AM 9/29. LTD: 4776'.
- 9/30/14 RTD: 4770'. CT: 18½ hrs. Pioneer finished logging @ 10:15AM 9/29. Ran 111jts of 5½" prod csg, set @ 4765'. Swift cmt w/450sxs (200EA-2, 250SMD), PD @ 9:30PM 9/29. 30sxs HR, 20sxs MH. Circ 20BBLs. RR @ 1:30AM 9/30/14. FINAL REPORT

		MDCI Kacirek Trust #2-5 2310' FSL 600'FWL Sec. 5-2S-36W 3241' 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	3125	+116	+12	3135	+106	+2	3148	+104	
B/Anhydrite	3156	+85	+12	3169	+72	-1	3179	+73	
Neva	3615	-374	+6	3620	-379	+1	3628	-380	
Stotler	3883	-642	-2	3886	-645	-5	3892	-640	
Topeka	3948	-707	-2	3953	-712	-7	3957	-705	
Oread	4077	-836	-3	4081	-840	-7	4085	-833	
Lansing	4163	-922	-4	4167	-926	-8	4170	-918	
Stark	4383	-1142	-6	4386	-1145	-9	4388	-1136	
BKC	4433	-1192	-6	4436	-1195	-9	4438	-1186	
Pawnee	4561	-1320	-8	4564	-1323	-11	4564	-1312	
Cherokee	4636	-1395	-8	4639	-1398	-11	4639	-1387	
Mississippi	NR			NR			4859	-1607	
RTD	4770						4945		
LTD				4776			4935		