

Depth 4330'. Cut 60'. DT: None. CT: 19¾ hrs. Dev.: ¾° @ 4270'. **DST #1 4142 – 4270 (LKC A-D)**: 30-60-60-90. IF: strong blw BOB 4mins. ISI: wk blw back, built to ¼" after 20mins. FF: strong blw, built to BOB in 7mins. Rec.: 558'MCW (10%M, 90%W), 194'MCW (40%M, 60%W), 564'WCM (50%W, 50%M), 193'OCMW(15%O, 20%W, 65%M), 94'GIP. HP: 2199-2039. FP: 82/482, 492/663. SIP: 1069-997. BHT: 135°. **LKC 'G'**: ls: wh, tan, fn-medxtln, sli ool, foss (fusil), chalky in part, scat pr-some fr interxtln & vuggypor, spotty med-dk brwn st, P-tr FSO on brk, no odor. Drld 4-5"/ft to 3,2.5,3,3,2,3,2,2.5,2.5,2,3 to 4-5's. **LKC 'G'**: ls: off, tan, fn-medxtln, scat vpr interxtln por, pr spotty st, NSFO, no odor. **LKC 'H'**: ls: tan, lt brwn, fn-medxtln, foss, sli ool, chalky in part, pr-some scat fr interxtln, pr - few pcs fr st w/ patchy sat, S-few pcs FSFO on brk, slow - med streaming cut, no odor. Drld 3.5/4.5" to 4' @ 2" to 3.5/4" **LKC 'I'**: ls: lt grey, lt brown, fnxtln, trace, foss, chalky, no vis por, NS. **DST #2 4273-4385 (LKC G-I)**:

2/21/14 Depth 4400'. Cut 70'. DT: None. CT: 19hrs. Dev.: None. DST #2 waited F/2:00-6:00PM (4hrs) on high winds. **DST #2 4273-4385 (LKC G-I)**: 30-60-30-60. IF: wk blw ½" died 22mins. FF: no blw. Rec.: 20'M. HP 2597-2248. FP: 21/37, 41/53. SIP: 1228-1173. BHT: 129°. **LKC 'J'**: ls: off-wh, tan, fn-medxtln, sli foss, app pr- fr ppt & fr vuggy por, scat pcs recemented ls frags w/ fr inter particle por, fr - cpl pcs gd med-dk st, scat st along small fracs, S-FSO (gassey) on brk, cpl pcs w/ sli natural bleed, no odor. **DST #3 (4368-4420) LKC J**:

2/22/14 Depth 4540'. Cut 140'. DT: None. CT: 14¼ hrs. Dev.: None. **DST #3 4368-4420 (LKC J)**: 30-60-60-90. IF: wk blw built to 2" over 30 min. FF: wk blw, built to 2" over 60 min. Rec.: 134'GIP, 14'CO, 50'MCO (30%M, 70%O), 188'OCM (30%O, 70%M). HP: 2254-2125. FP: 23/72, 83/139. SIP: 990-991. BHT: 130°.

2/23/14 RTD: 4780'. Cut 240'. DT: None. CT: 11¾ hrs. Dev.: 1° @ 4780'. TD @ 7:15PM 2/22. Pioneer logged 1:00AM – 7:00AM 2/23. LTD: 4781'. Plan to run 5 ½" prod csg.

2/24/14 RTD: 4780'. CT: 18hrs. Ran 114 jts of 15.5# 5½" prod csg, set @ 4767'. Swift cmt w/250sxs SMD, 200sxs EA-2. PD @ 9:00PM 2/23. 30sxs RH, 20sxs MH. Circ 5BBLs. RR @ 1:00AM 2/24. FINAL REPORT

MDCI Burk Trust 'J' #1-25 610' FNL 1590' FEL Sec. 25-T1S-R36W 3255' KB							MDCI Downing 'A' #1-19 330' FNL 2060' FWL Sec. 19-T1S-R35W 3211' KB		
Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum	
Anhydrite	3152	+103	-8	3157	+98	-13	3100	+111	
B/Anhydrite	3188	+67	-4	3190	+65	-6	3140	+71	
Neva	3647	-392	-4	3653	-398	-10	3599	-388	
Red Eagle	3710	-455	-4	3714	-459	-8	3662	-451	
Foraker	3759	-504	-4	3764	-509	-9	3711	-500	
Topeka	3977	-722	-8	3976	-721	-7	3925	-714	
Oread	4095	-840	-10	4094	-839	-9	4041	-830	
Lansing	4199	-944	-9	4199	-944	-9	4146	-935	
Stark	4415	-1160	-14	4411	-1156	-10	4357	-1146	
BKC	4464	-1209	-13	4461	-1206	-10	4407	-1196	
Pawnee	4585	-1330	-13	4580	-1325	-8	4528	-1317	
Cherokee	4669	-1414	-15	4663	-1408	-9	4610	-1399	
Mississippi	NR			NR					
RTD	4780	-1525					4700	-1489	
LTD				4781	-1526		4698	-1487	