

Virginia #1-11  
 Daily Drilling Report  
 Page Two

- 8/3/14 Depth 4410'. Cut 100'. DT: None. CT: 18½ hrs. Dev.: ½° @ 4410'. **DST #2 4252-4310 (LKC G):**30-60-30-60. IF: surf blw blt to 1/4". FF: no blw. Rec. 5' VSOCM (5% O, 95% M). HP: 2145-2103; FP: 21/21, 36/48; SIP: 46-48. BHT: 130°. **LKC J 4385 (-1163):** Ls., wht/crm, fn xln, foss, pr-fr intOolc & xln por, dns, calc, sli fri to sub-chky, blkly IP, fr amt med brn/blk sptd stn, lt sat, irid, Tr slw bld pp FO & bld G Bubles, sli ti, Tr yel fluor, fnt odr, S-FSFO. **DST #3 4348-4410 (LKC J):** 30-60-60-90. IF: Built to 1". FF: Built to 2". Rec.: 15' CGO (10%G, 90%O), 60' MCO (50%O, 50%M), HP: 2265-2079. FP: 18/28, 31/51. SIP: 1161-1146. BHT: 136°, Gravity: 33° API.
- 8/4/14 Depth 4660'. Cut 250'. DT: None. CT: 8¼ hrs. Dev.: None.
- 8/5/14 RTD: 4760'. Cut 100'. DT: None. CT: 19hrs. Dev.: ¾° @ 4760'. HC @ 12:45PM 8/4. Pioneer logged 6:45PM 8/4 – 1:00AM 8/5. LTD: 4767'. Started plugging @ 6:00AM 8/5, as follows using 60/40Poz, 4%Gel, ¼#Flo seal, 50sxs @ 3175', 100sxs @ 2375', 50sxs @ 275', 10sxs @ 40', 30sxs RH, 15sxs MH. Orders Case Morris KCC Hays.
- 8/6/14 RTD: 4760'. CT: 5½ hrs. Allied completed plugging @ 8:30AM 8/5. RR @ 12:30PM 8/5/14. FINAL REPORT

MDCI Virginia #1-11 330' FSL 330' FEL Sec. 11-T1S-R36W 3232' KB							MDCI Burk Trust 'B' #1-14 330' FNL 1920' FEL Sec. 14-T1S-R36W 3280' KB	
Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite	3163	+69	-5	3166	+66	-8	3206	+74
B/Anhydrite	3188	+44	+8	3201	+31	-5	3244	+36
Neva	3646	-414	Flat	3651	-419	-5	3694	-414
Red Eagle	3714	-482	-6	3714	-482	-6	3756	-476
Foraker	3759	-527	-4	3763	-531	-8	3803	-523
Topeka	3974	-742	-9	3972	-740	-7	4013	-733
Oread	4088	-856	-7	4086	-854	-5	4129	-849
Lansing	4186	-954	-4	4189	-957	-7	4230	-950
Stark	4400	-1168	-2	4408	-1176	-10	4446	-1166
BKC	4452	-1220	-3	4458	-1226	-9	4497	-1217
Pawnee	4578	-1346	-6	4583	-1351	-11	4620	-1340
Cherokee	4660	-1428	-6	4667	-1435	-13	4702	-1422
Mississippi	DNR			DNR				
RTD	4760	-1528					4800	-1520
LTD				4767	-1535		4810	-1530