

- 1/03/14 Depth: 4195'. Cut 139'. DT: None. CT: 8¼ hrs. Dev.: 2° @ 4056'. **LKC H:** Ist, fxl, foss, chty, pr vis infoss por, Vssfo, slt odor on brk. Pr vis stn. **LKC I:** Ist, f-xln, foss, in prt chlky, pr vis ppt por, NSFO, slt odor, pr vis stn. **LKC J:** Ist, fxl, foss, sm ool, fr foss-mold por, SSFO, slt odor, abt blk stn. **LKC K:** Ist, fxl, ool & foss, chlky, pr vis int- part por, SSFO, slt odor, pr vis stn. **DST #4 4096-4200' (LKC H-K):**
- 1/04/14 Depth 4315'. Cut 120'. DT: None. CT: 13¾ hrs. Dev.: 2½° @ 4200'. **DST #4 4096-4200' (LKC H-K):** 30-60-60-90. IF: BOB 24mins. ISl: 1" return. FF: BOB 11mins. FSI: 1" return. Rec.: 239'OSMW (40%M, 60%W), 189'GOCM (10%G, 5%O, 85%M), 10'GOCM (10%G, 30%O, 60%M), 350'GIP. HP: 2036-2022. FP: 25/141, 146/213. SIP: 1163-1084. BHT: 119°.
- 1/05/14 Depth 4524'. Cut 209'. DT: none. CT: 1hr. Dev.: None. **Ft Sc:** Ist, fn xln, ool, pr vis interool por, SSFO, sl odor, very sct spt-sat stn. **Jhn Zn:** Ist, fn-med xln, brittle, sct moldic por, SSFO, fr odor on break, sct sat stn. **DST #5 4394-4524 (Lwr Pawnee-Ft Sc):** 30-60-30-60. IF: wk surf blw died @ 10mins. Tool did not open. FF: wk surf blw died @ 15mins. Rec.: 20'OSM. HP: 2216-2235. FP: 2189/2153, 21/24. SIP: 2150-859. BHT: 117°.
- 1/06/14 Depth 4541'. Cut 17'. DT: None. CT: 23¼ hrs. Dev.: 2½° @ 4524'. **Miss:** dol, fn xln, foss, fr-gd foss moldic por, S-FSFO, sl odor, sat stn. **DST #6 4514-4541 (Miss):** 30-60-60-90. IF: BOB @ 28mins. ISl: wk surf return died @ 25mins. FF: BOB @ 20mins. FSI: 2" return. Rec.: 123'GOCM (10%G, 40%O, 50%M), 31'GMCO (10%G, 5%M, 85%O). HP: 2299-2228. FP: 19/40, 44/78. SIP: 1078/1061. BHT: 127°.
- 1/07/14 RTD: 4620'. Cut 79'. DT: None. CT: 17½ hrs. Dev.: 3° @ 4620'. HC @ 12:30AM 1/7. Pioneer started logging @ 4:15AM 1/7. LTD: 4621'.
- 1/08/14 RTD: 4620'. CT: 20hrs. Finished logging @ 9:15AM 1/07. Ran 114jts=4614 of 5½" prod csg, set @ 4612'. Swift cmt w/175sxs of EA-2. PD @ 11:00PM 1/07. PC @ 2435'. 30sxs RH, 20sxs MH. RR @ 3:00AM 1/08. FINAL REPORT.

		MDCI Abell Ranch 'A' #1-30 660 FSL 330' FWL Sec. 30-T12S-R30W 2907' KB				MDCI Abell Ranch #2-25 1376 FSL 408' FEL Sec. 25-T12S-R31W 2885' KB			
Formation	Sample tops	Datum	Ref	Log Tops	Datum	Ref	Log Tops	Datum	
Anhydrite	2393	+514	-8	2395	+512	-10	2363	+522	
B/Anhydrite	2417	+490	-7	2419	+488	-9	2388	+497	
Topeka	3692	-785	+6	3699	-792	-1	3676	-791	
Heebner	3918	-1011	Flat	3920	-1013	-2	3896	-1011	
Lansing	3953	-1046	-3	3953	-1046	-3	3928	-1043	
Stark	4181	-1274	-1	4182	-1275	-2	4158	-1273	
Marmaton	4305	-1398	+2	4306	-1399	+1	4285	-1400	
Fort Scott	4434	-1527	-3	4436	-1529	-5	4409	-1524	
Cherokee	4463	-1556	-4	4464	-1557	-5	4437	-1552	
Mississippi	4524	-1617	+1	4525	-1618	Flat	4503	-1618	
RTD	4620						4600		
LTD				4621			4599		