

- 1/2/14 Depth 4355'. Cut 70'. DT: ½ hr DW. CT: 20¼ hrs. Dev.: None. **LKC D:** LS-Dol - pr w/ some fr intrprtcal por, scat lt-med brn & blk (some thick oil & asph) sptd-sat stn, SSFO, no odor, tr barren por. **DST #3 4266-4328 (LKC D):** 15-60-15-60. IF: BOB in 40 seconds, reset tool & BOB in 1 min (see Note). ISl: no blow back. FF: BOB in 1 min. FSl: no blow back. Rec. 2,618' TF, 200' SWCM (4% W, 96% M), 375' WCM (38% W, 62% M), 125' MCW (87% W, 13% M), 1,918' Water (99% W, 1% M). Chlr. 20,000 ppm. Pit chlr. 1,000 ppm. HP: 2109-2091. FP: 540/965, 984/1185. SIP: 1265-1266. BHT: 145°. Note: Slid 3'-4' before open. Chased 5' to bottom at open. Lost 6' of mud. Mud got out of sight. Pulled and reset tool. **LKC E:** pr por, mstly patchy w/ tr sat stn, SSFO, no odor. **LKC G:** pr por, vry scat blk sptd stn, NSFO, no odor (est 4' of zn cut). **DST #4 4326-4372 (LKC E-G):** est on bottom w/ test about 1:00 pm
- 1/03/14 Depth 4468'. Cut 113'. DT: None. CT: 19¾ hrs. Dev.: None. **DST #4 4326-4372 (LKC E-G):** 30-60-30-60. IF: blow built to 1¼". FF: no blow. Rec. 2' Mud w/ trace of oil (trace O, 100%M). HP: 2136-2134. FP: 19/21, 22/24. SIP: 46-40. BHT: 128°. Note: Tool slid 8' to bottom before open. No mud loss. **LKC J:** fr-gd fos-small vug por, scat it-med brn patchy-sub sat w/ tr sat stn, S-FSFO, no odor. **DST #5 4421-4468 (LKC J):** 30-60-30-60. IF: 4"blw @ open, bled off @ 5mins, surf blw from 9mins till close. ISl: some wk surf blw back. FF: surf blw @ 9mins, built slightly. Rec.: 331'M. HP: 2241-2224. FP:192/196, 191/196. SIP: 730-665. BHT: 132°.
- 1/04/14 Depth 4695'. Cut 227'. DT: None. CT: 12 hrs. Dev.: None.
- 1/05/14 RTD: 5038'. Cut 343'. DT: None. CT: 9hrs. Dev.: None. Pioneer started logging @ 4:45AM 1/05. LTD: 5036'.
- 1/06/14 RTD: 5038'. CT: 22¼ hrs. Pioneer finished logging @ 10:45AM 1/05. Ran 120jts of 15.5# 5 ½" prod csg, set @ 5032'. Swift cmt w/450sxs (250sxs SMD, 200EA-2). PD @ 1:15AM 1/6. 30sxs RH, 20sxs MH. Pumped plug w/rig pump. Did circ 25BBLs. RR @ 5:15AM 1/6/14. FINAL REPORT.

		MDCI Frisbie Inc #1-24 330' FNL 330'FWL Sec. 24-2S-36W 3308' KB				MDCI Frisbie #2-23 2290' FNL 1950'FEL Sec. 23-2S-36W 3294' KB		
Formation	Sample top	Datum	Ref	Log tops	Datum	Ref	Log tops	Datum
Anhydrite	3182	+126	-17	3183	+125	-18	3151	+143
B/Anhydrite	3211	+97	-13	3212	+96	-14	3184	+110
Neva	3684	-376	-21	3685	-377	-22	3649	-355
Stotler	3956	-648	-21	3956	-648	-21	3921	-627
Topeka	4027	-719	-20	4029	-721	-22	3993	-699
Heebner	4191	-883	-23	4192	-884	-24	4154	-860
Lansing	4245	-937	-25	4246	-938	-26	4206	-912
Stark	4467	-1159	-29	4469	-1161	-31	4424	-1130
BKC	4518	-1210	-28	4518	-1210	-28	4476	-1182
Pawnee	4650	-1342	-32	4652	-1344	-34	4604	-1310
Cherokee	4722	-1414	-35	4724	-1416	-37	4673	-1379
Mississippi	4936	-1628	-47	4936	-1628	-47	4875	-1581
RTD	5038	-1730					4980	
LTD				5036			4977	