

Lundgren #3-36  
 Daily Drilling Report  
 Page Two

- 10/15/14 Depth 4298'. Cut 85'. DT: None. CT: 17hrs. Dev.: 1/8° @ 4239'. **DST #3 4197-4239' (Ft Sc):** 30-60-60-90. IF: BOB in 5mins. ISI: wk surf blw ¼". FF: BOB in 5mins. FSI: wk surf blw to ¼". Rec.: 2780'GIP, 212'GO (20%G, 80%O), 283'GMCO (20%G, 10%M, 70%O). HP: 2090-1992. FP: 33/119, 132/214. SIP: 1081-1063. BHT: 138°. **Cher:** lst, micro xln, few gran, spots of oil on crush, very fnt odr. **Johnson Zn:** lst, micro xln, gran, semi-friable, spots med brn oil, very fnt odr. **DST #4 4245-4298' (Cher- Johnson Zn):** 30-60-30-60. IF: wk blw ½". FF: no blw. Rec.: 2'M w/oil spts. HP: 2126-2060. FP: 22/26, 24/27. SIP: 87-71. BHT: 126°.
- 10/16/14 Depth 4338'. Cut 40'. DT: None. CT: 21½ hrs. Dev.: None. **Miss:** dol, very fn xln, subsucro, ool grnstrn, pr-fr por, tr ppt vug por, patchy-sat stn, FSFO, gd odor. **DST #5 4322-4338' (Miss):** 30-60-30-60. IF: ½" blw. FF: no blw. Rec.: 63'SCM&O (5%M, 95%O), 63'CM&O (80%M, 20%O). HP: 2165-2094. FP: 15/39, 43/64. SIP: 1041-960. BHT: 133°.
- 10/17/14 RTD: 4441'. Cut 103'. DT: None. CT: 20¼ hrs. Dev.: ¼° @ 4441'. HC @ 10:45AM 10/16. Pioneer logged 3:15PM – 6:45PM 10/16. LTD: 4439'. Ran 106jts of 5 ½" prod csg, set @ 4439'. PC @ 2078'.
- 10/18/14 RTD: 4441'. Quality cmt w/175sxs QProC. PD @ 8:00AM 10/17. 30sxs RH, 20sxs MH. RR @ 12:00PM 10/17. FINAL REPORT

Formation	MDCI Lundgren #3-36 500' FSL 1400' FEL Sec. 36-T14S-R30W 2665' KB						MDCI Lundgren #2-36 1240' FSL 890' FEL Sec. 36-T14S-R30W 2695' KB	
	Sample Top	Datum	Ref	Log tops	Datum	Ref	Log Top	Datum
Anhydrite	2074	+591	-2	2071	+594	+1	2102	+593
B/Anhydrite	2106	+559	-4	2102	+664	+1	2132	+563
Topeka	3442	-777	Flat	3449	-784	-7	3472	-777
Heebner	3679	-1014	-12	3678	-1013	-11	3697	-1002
Lansing	3715	-1050	-12	3714	-1049	-11	3733	-1038
Stark	3960	-1295	-11	3958	-1293	-9	3979	-1284
Pawnee	4149	-1484	-1	4144	-1479	+4	4178	-1483
Ft. Scott	4207	-1542	Flat	4205	-1540	+2	4237	-1542
Johnson	4282	-1617	-2	4277	-1612	+3	4310	-1615
Mississippi	4309	-1644	-1	4307	-1642	+1	4338	-1643
Mississippi Dol.	4324	-1659	-4	4320	-1655	Flat	4350	-1655
RTD	4441						4450	
LTD				4439			4456	