

Lundgren 'B' #1-36
Daily Drilling Report
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- 11/3/14 Depth 4045'. Cut 77'. DT: None. CT: 20hrs. Dev.: None. **LKC K**: Ist, micro xln, foss, gran, ppt vug por, spots of oil, very fnt odor. **LKC L**: NS. **DST #4 3936-4039 (LKC K-L)**: 30-60-60-90. IF: BOB 5mins. FF: BOB in 6mins. FSI: blw back 1". Rec.: 1652' GIP, 374'GMCO (30%G, 10%M, 60%O), 374'GWMCO (20%G, 30%W, 30%M, 20%O), 405'WCM (90%W, 10%M). HP: 2019-1927. FP: 99-308, 316/531. SIP: 891-885. BHT: 133°.
- 11/4/14 Depth 4221'. Cut 176'. DT: None. CT: 12¼ hrs. Dev.: None. **Pawnee**: Ist, micro xln, vfn xln, gran, fractured, ppt vugs, specks med brn oil, very fnt odr. **LPaw**: Ist, micro xln, dns, subsucro por, spots very lt brn oil, fnt odr. **DST #5 4159-4221 (Paw-LPaw)**: 30-60-60-90. IF: BOB @ 7mins. ISI: 3"return, receded to surf. FF: BOB @ 7mins. FSI: BOB @ 10mins, GTS @ 45mins, tool did not close (Tool Broke). Rec.:2910'GIP to surf, 350'GSMCO (35%G, 5%M, 60%O), 320'GMCO (20%G, 10%M, 70%O), 280'GMCO (30%G, 15%M, 55%O). HP: 2057-2021. FP: 31/162, 226-402. SIP: 782. BHT: 138°. The tool closed when starting out of the hole. The bearing in the shut in tool failed and broke apart. Roughly 15 ball bearings from the testing tool fell to the bottom of the hole. Will have to go back in hole to retrieve broken pcs.
- 11/5/14 Depth 4325'. Cut 104'. DT: None. CT: 17¾ hrs. Dev.: None. **Ft Sctt**: Ls, micro xln dull, fossif dns, oolgrnstrn, ppt vugs w/spts O, pr or, sat O strn dry, vvfnt odr. **Cherokee**: Ls, micro xln, sli motld, dns, fossil, ppt vugs w/blk spts O. vvfnt odr. **Johnson Zn**: NS **DST #6 4217-4316 (Ft Sct-Cher)**: 30-60-60-90. IF: 1½" blw. FF: 1" blw. Rec.: 30'OCM (10%O, 90%M). HP: 2138-2070. FP: 19/28, 25/36. SIP: 179-387. BHT: 128°.
- 11/6/14 RTD: 4445'. Cut 120'. DT: None. CT: 16¾ hrs. Dev.: ¾° @ 4445'. HC @ 3:00PM 11/5. Pioneer logged 8:15PM 11/5-12:15AM 11/6. LTD: 4445'. To run 5 ½"
- 11/7/14 RTD: 4445'. CT: 9¾ hrs. Ran 103jts of 5 ½" prod csg, set @ 4443'. Swift cmt w/175sxs @ EA2. PD @ 12:45PM 11/6. PC @ 2076'. 30sxs RH, 20sxs MH. RR @ 4:45PM 11/6.

MDCI Lundgren 'B' #1-36 930' FNL 990' FWL Sec. 36-T14S-R30W 2667' KB							Beren Corp Coberly #2-B 4620FSL 1980FEL Sec. 36-T14S-R30W 2667'KB	
Formation	Sample Top	Datum	Ref	Log tops	Datum	Ref	Log Tops	Datum
Anhydrite	2082	+585	-11	2079	+588	-8	2061	+596
B/Anhydrite	2110	+557	-7	2108	+559	-5	2093	+564
Topeka	3453	-786	-1	3456	-789	-4	3442	-785
Heebner	3682	-1025	-10	3677	-1020	-5	3672	-1015
Lansing	3720	-1063	-12	3723	-1064	-13	3708	-1051
Stark	3965	-1298	-2	3962	-1295	+1	3953	-1296
Pawnee	4166	-1499	-5	4162	-1495	-1	4151	-1494
Ft. Scott	4227	-1560	-2	4224	-1557	+1	4215	-1558
Johnson	4300	-1633	Flat	4296	-1629	+4	4290	-1633
Mississippi	4320	-1653	+10	4319	-1652	+11	4320	-1663
Mississippi Dol.	4356	-1689		4356	-1689			
RTD	4445						4377	
LTD				4443				