

Jones 'B' #1-9
 Daily Drilling Report
 Page Two
 12/30/13

Depth 4385'. Cut 146'. DT: None. CT: 11hrs. Dev.: 1.2° @ 4289. **DST #2 4164-4289 (LKC A-D):** 30-60-30-60. IF: wk surface blw built to ¾" died in 25 min. FF: no blw. Rec.: 10' M. HP: 2193-2030. FP: 21/25, 24/27. SIP: 863-816. BHT: 127°. **LKC G:** ls, off-wh, lt gry, tan, fn xtlm, sli chalky in part, scat pr/tr fr ppt vuggy por, VSSFO on brk, pr-tr fr sho hvy inert oil, pr slo cut, scat spty dk stain, few pcs w/ large isolated vugs-oil filled, gd dk st w/sat, no order. **LKC H:** mstly dns, 2 pcs w/ cpl ppts FO in calcite streak, tr live st, no odor. **DST #3 4302-4400 (LKC G-I):**

12/31/13 Depth 4440'. Cut 55'. DT: None. CT: 18½ hrs. Dev.: None. **DST #3 4302-4400 (LKC G-I):** 30-60-30-60. IF: wk surf blw built to 1". FF: no blw. Rec.: 25' MCO (5%M 95%O). HP: 2220-2163. FP: 19/23, 22/30. SIP: 1327-1306. BHT: 132°. **LKC J:** ls, off wh, lt gry, fnxln, sli chlky, tr ool,scat pr ppt por, pr-tr fr interxtln por, pr/fr slo cut, SSFO on brk, spty pr stain, w/ pr sat, no odor, few pcs fr drk stain w/fr sat, no drlg brk. **DST #4 4380-4440 (LKC J):** 30-60-30-60. IF: wk ¾" blw. FF: wk blw died in 15 min.

1/1/14 Depth 4663'. Cut 193'. DT: None. CT: 11¼hrs. Dev.: None. **Pawnee:** ls, tan, ool w/ calcite cmt, sli foss (fusil), pr-fr interool por, pr-tr fr vuggy por, S-FSFO w/few gas bubbles on brk, fr slow streaming cut, pr-fr golden/med brn st, sptty-fr sat, no odor. **DST #5 4590-4633 (Pawnee):** 30-60-60-90. IF: BOB 6min. ISI: blw built to 2", died in 50min. FF: BOB 10min. FSI: blw built to BOB in 28mins.

1/2/14 Depth 4835'. Cut 202'. DT: None. CT: 10½hrs. Dev.: 1.5° @ 4835'. **DST #5 4590-4633 (Pawnee):** 30-60-60-90. IF: BOB 6min. ISI: blow built to 2", died in 50 min. FF: BOB 10 min. FSI: BOB 28min. Rec.: 30'CGO (15%G 85%O), 282'CGO (25%G 75%O), 94'GOCM (15%G 25%O 60%M). HP: 2331-2258. FP: 33/83, 90/168. SIP: 986-930. BHT: 145°. Gravity 38° API. TOOH F/log

1/03/14 RTD 4835'. CT: 24hrs. Pioneer logged 7:00AM to 12:15PM 1/02. LTD 4833'. Ran 115jts of 5 ½" prod csg, set @ 4825'. Swift cmt w/466sxs (266SMD, 200EA-2), PD@ 5:00AM 1/3. 20sxs RH, 14sxs MH. Lost circ 15BBL left to displace.

1/04/14 RTD: 4835'. CT: 2hrs. RR @ 9:00AM 1/03/14. FINAL REPORT.

MDCI Jones B #1-9 710' FSL 710' FWL Sec. 9-T1S-R37W 3253' KB							MDCI Jones A #1-17 1050' FNL 2310' FEL Sec. 17-T1S-R37W 3149' KB	
Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite	3211	+42	+3	3208	+45	+6	3110	+39
B/Anhydrite	3245	+8	+1	3240	+13	+6	3142	+7
Neva	3665	-412	-1	3658	-405	+6	3560	-411
Red Eagle	3729	-476	-1	3722	-469	+6	3624	-475
Foraker	3776	-523	-1	3769	-516	+6	3671	-522
Topeka	3999	746	-1	3996	-743	+2	3894	-745
Oread	4133	-880	+2	4127	-874	+8	4031	-882
Lansing	4211	-958	+1	4213	-960	-1	4108	-959
Stark	4433	-1180	Flat	4428	-1175	+5	4329	-1180
BKC				4483	-1230	+6	4385	-1236
Pawnee	4607	-1354	Flat	4605	-1352	+2	4503	-1354
Cherokee	4698	-1445	-2	4690	-1457	+6	4592	-1443
Mississippi	NR			NR			NR	
RTD	4835	-1582						
LTD				4833	-1580		4680	