

Jones 'A' #2-17
 Daily Drilling Report
 Page Two

- 6/17/14 Depth 4363'. Cut 148' DT: 1hr pump. CT: 15¼ hrs. Dev.: None. **LKC G:** pr w/ some fr fos-small vug por, scat lt-drk brn patchy stn, S-FSFO, no odor. **LKC H:** pr por, tr brn-blk (asph) sptd stn, NSFO, no odor. **LKC J:** pr por, scat blk mstly tarry-asph sptd-patchy stn, few pcs w/ some pin point beads FO, no odor. **DST #2 4210- 4363 (LKC G-J):**
- 6/18/14 Depth 4540'. Cut 177'. DT: ¾ hr cat head. CT: 11¼ hrs. Dev.: ¼° @ 4363'. **DST #2 4210- 4363 (LKC G-J):** 30-60-30-60. IF: blow built to ¾". FF: no blw. Rec. 20' M w/oil spots (100% M). HP: 2081-2070. FP: 22/26, 28/30. SIP: 624-474. BHT: 131°. **Pawnee:** pr-fr w/ some gd introol-small vug por, scat lt-med brn patchy-sat stn, S-FSFO, no odor. **DST #3 4513-4560 (Pawnee):**
- 6/19/14 Depth 4640'. Cut 100'. DT: None. CT: 18hrs. Dev.: None. Had to shut down for ½ hr due to dust storm while TIH w/bit. **DST #3 4513-4560 (Pawnee):** 30-60-60-90. IF: blw built to 4¾". FF: blw built to 11". FSI: surf blw died in 45 min. Rec. 124' GIP, 185' TF, 123' O (5%G, 95%O), 62' OCM (5%G, 45%O, 50%M). Oil Grav 35° API. HP: 2270-2248. FP: 20/41, 43/76. SIP: 363-357. BHT: 139°.
- 6/20/14 RTD: 4730'. Cut 90'. DT: None. CT: 19hrs. Dev.: ¾° @ 4730'. TD @ 12:00PM 6/19. Pioneer logged 5:00PM – 10:45PM, LTD: 4729'. Running 5½" prod csg.
- 6/21/14 RTD: 4730'. CT: 8hrs. Ran 113jts of 15.5# 5 ½" prod csg, set @ 4727'. Swift cmt w/450sxs (250sxs SMD, 200sxs EA-2). PD @ 11:00AM 6/20. 30sxs RH, 20sxs MH. Didn't circ cmt. RR @ 3:00PM 6/20/14. FINAL REPORT

MDCI Jones 'A' #2-17 660' FNL 660' FEL Sec. 17-T1S-R37W 3190' KB							MDCI Jean #1-8 660' FSL 660' FEL Sec. 8-T1S-R37W 3219' KB	
Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite	3136	+54	+3	3134	+56	+5	3168	+51
B/Anhydrite	3170	+20	+2	3168	+22	+4	3201	+18
Neva	3591	-401	+4	3588	-398	+7	3624	-405
Red Eagle	3655	-465	+2	3652	-462	+5	3686	-467
Foraker	3702	-512	+2	3700	-510	+4	3733	-514
Topeka	3928	-738	Flat	3923	-733	+5	3957	-738
Oread	4062	-872	+2	4058	-868	+6	4093	-874
Lansing	4139	-949	+4	4136	-946	+7	4172	-953
Stark	4360	-1170	+3	4358	-1168	+5	4392	-1173
BKC	4416	-1226	+4	4414	-1224	+6	4449	-1230
Pawnee	4534	-1344	+7	4530	-1340	+11	4570	-1351
Cherokee	4622	-1432	+6	4620	-1430	+8	4657	-1438
RTD	4730	-1540					4770	
LTD				4729	-1539		4767	-1548