

Michael #1-4
 Daily Drilling Report
 Page Two

- 4/19/14 Depth 4270'. Cut 98'. DT: None. CT: 17¼ hrs. Dev.: ¾° @ 4270'. **LKC H:** Ist, fxln, ool in part, foss, pr interxln por, drk brn sat stn, SSFO, fr odor. **LKC J:** Ist, fxln, sl chalky, very foss, gd vug por, lt-drk sat stn, FSFO, strong odor. **DST #4 4176-4270 (LKC H-J):** 30-60-30-60. Rec.: 2'OCM (90%M, 10%O). HP: 2140-2084. FP: 22/20, 25/29. SIP: 132-94. BHT: 122°.
- 4/20/14 Depth 4505'. Cut 235'. DT: None. CT: 5¼ hrs. Dev.: None.
- 4/21/14 RTD: 4762'. Cut 257'. DT: None. CT: 10¾ hrs. Dev.: ¼° @ 4762'. HC @ 8:15PM 4/20. Pioneer logged 2:45AM – 7:00AM 4/21. LTD: 4763'. To plug
- 4/22/14 RTD: 4762'. CT: 16hrs. Allied plugged hole 12:15PM-2:00PM 4/21, as follows using 60/40Poz, 4%Gel, ¼#Flo seal, 25sxs @ 3020', 100sxs @ 2250', 40sxs @ 275', 10sxs @ 40', 30sxs RH, 15sxs MH. Orders by David Wann KCC 4/16. RR @ 6:00PM 4/21/14. FINAL REPORT

Michael #1-4 2640 FNL 700 FEL Sec. 4-1S-35W 3119' KB							Wilkinson #1-9 2550 FSL 1800 FWL Sec. 9-1S-35W 3143' KB	
Formation	Sample top	Datum	Ref	Log tops	Datum	Ref	Log tops	Datum
Anhydrite	3015	+104	+2	3014	+105	+3	3041	+102
B/Anhydrite	3052	+67	-1	3052	+67	-1	3075	+68
Foraker	3632	-513	-1	3630	-511	+1	3655	-512
Topeka	3840	-721	+1	3840	-721	+1	3865	-722
Oread	3944	-825	+3	3950	-831	-3	3971	-828
Lansing	4052	-933	+3	4056	-937	-1	4079	-936
BKC	4319	-1200	+3	4326	-1207	-4	4346	-1203
Mississippi	4702	-1583	+14	4726	-1607	-10	4740	-1597
RTD	4762						4800	-1657
LTD				4763			4798	-1655