

Hobbs #2-2  
 Daily Drilling Report  
 Page Two  
 4/7/14

Depth 4005'. Cut 155'. DT: None. CT: 16½ hrs. Dev.: None. **LKC 'I'**: ls: off-wh, beige, ool w/ calcite cement, scat vpr-pr interxtln por, few pcs w/ pr-fr vuggy por, VSS ppts FO on brk, pr spotty to cpl pcs full gd lt-med brwn st w/fr sat, no odor. **LKC 'J'**: ls: off-wh, tan, brwn, fn - medxtln, sli ool, sli foss, pr-fr vuggy & interool por, SSFO & few gas bubbles w/ oil ring on brk, gd oil sheen on wtr after brk, fr patchy - few pcs full med brwn st w/ sat, cpl pcs w/ spots hvy blk st, no odor. **LKC 'K'**: ls: tan, lt brwn, fn-medxtln, finely ool, most w/ calcite cement, pr - fr interool por, SSFO on brk, pr-fr med-dk brwn st, pr - fr streaky sat, no odor. **LKC 'L'**: ls: brwn, fn-medxtln, granular, scat isolated oolites, no vis por, NS. ls: tan, fn-medxtln, few pcs w/ cpl iso vugs w/ live oil st & spots brwn st, NSFO, no odor. **DST #2 3817-3925 (LKC H-L)**: 30-60-60-90. IF: BOB in 25mins. ISI: wk surf blw back built to ½" died back to surf blw. FF: BOB in 4mins. FSI: fr surf blw back built to 5". Rec.: 675'GIP, 45'GO (30%G, 70%O), 60'GOM (20%G, 50%O, 30%M), 115'GOM (25%G, 25%O, 50%M). HP: 1880-1843. FP: 25/73, 68/106. SIP: 1195-1185. BHT: 113°.

4/8/14 RTD: 4029'. Cut 24'. DT: 1hr pump. CT: 21¾ hrs. Dev.: 1½° @ 4029'. HC @ 9:15AM 4/7. Pioneer logged @ 12:15PM – 4:00PM 4/7. LTD 4027'. Ran 96jts of 15.5# of 5 ½" prod csg, set @ 4021'. Swift cmt w/150sxs of EA-2. PD @ 4:45AM 4/8. PC 1967'. 30sxs RH, 20sxs MH.

4/9/14 RTD: 4029'. CT: 1¾ hrs. RR @ 8:45AM 4/8/14 FINAL REPORT

Hobbs #2-2 2310' FNL 1648' FWL Sec. 2-T11S-R24W 2335' KB							Hobbs #1-2 1111' FNL 1648' FWL Sec. 2-T11S-R24W 2350' KB	
Formation	Sample tops	Datum	Ref	Log Tops	Datum	Ref	Log Tops	Datum
Anhydrite	1945	+390	Flat	1942	+388		1960	+390
B/Anhydrite	1986	+349	-1	1983	+347		2000	+350
Topeka	3441	-1106	-8	3439	-1109		3448	-1098
Heebner	3660	-1325	-7	3657	-1327		3668	-1318
Toronto	3680	-1345	-6	3678	-1348		3689	-1339
Lansing	3698	-1363	-7	3694	-1364		3706	-1356
BKC	3922	-1587	-7	3922	-1592		3930	-1580
RTD	4029						4050	-1700
LTD				4027			4048	-1698