

Most #1-23  
 Daily Drilling Report  
 Page Two

4/7/14 Depth 4090'. Cut 134'. DT: None. CT: 16¾ hrs. Dev.: None. **DST #2 3956-4010 (LKC D-G):** 30-60-30-60. IF: surf blw built to 1". FF: No surf blw. Rec.: 64'WM. HP: 1990-1925. FP: 18/38, 41/51. SIP: 1201-1157. BHT: 114°. **LKC H:** Ls., crm/tan, fn xln, pr intfoss por, dns, calc IP, pyrc, chky, scat brn sptd stn, lt sat, fr amt slw bld irid pp FO, sli ti, Tr dl yel fluor, v fnt odr, S-FSFO. **LKC J:** Ls., crm/tan, fn xln, foss, pr-fr intfoss & micr Oolc por, dns, calc IP, sli fri, scat lt brn sat stn, Tr slw bld pp FO & G Bubls, dl fluor, fnt odr, SSFO. **DST #3 4023-4090 (LKC H-J):**

4/8/14 Depth 4270'. Cut 180'. DT: None. CT: 14hrs. Dev.: None. **DST #3 4023-4090 (LKC H-J):** 30-60-60-90. IF: BOB in 5 mins. ISI: weak surf blow FF: BOB in 5 mins. Rec.: 1507' MSW (83%W, 17%M), HP: 2039-1975. FP: 39/341, 348/722. SIP: 1339-1332. BHT: 124°, Chl: 100,000 PPM, RW: .117 @ 56° F

4/9/14 RTD: 4530'. Cut 260'. DT: None. CT: 8¼ hrs. Dev.: 1° @ 4530'. HC @ 1:45AM 4/9. TOOH

4/10/14 RTD: 4530'. CT: 17½ hrs. Pioneer logged 8:00AM-12:00PM 4/9. LTD: 4530'. Allied plugged hole, 5:45PM-8:30PM 4/9, using 60/40Poz, 4%Gel, ¼#flo seal, 25sxs @2655', 100sxs @ 1870', 40sxs @ 275', 10sxs @ 40', 30sxs RH, 15sxs MH. Orders by Ed Schumacher, KCC Hays. RR @ 12:30AM 4/10/14. FINAL REPORT

Most #1-23 900' FNL 1000' FWL Sec. 23-4S-31W 2879' KB							Holle Trust #1-22 1800' FNL 405' FEL Sec. 22-4S-31W 2871' KB	
Formation	Sample top	Datum	Ref	Log tops	Datum	Ref	Log tops	Datum
Anhydrite	2636	+243	+9	2638	+241	+7	2637	+234
B/Anhydrite	2672	+207	+6	2672	+207	+6	2670	+201
Topeka	3724	-845	-6	3712	-833	+6	3710	-839
Heebner	3878	-999	+3	3877	-998	+4	3873	-1002
Lansing	3926	-1047	+2	3925	-1046	+3	3920	-1049
Stark	4090	-1211	+5	4091	-1212	+4	4087	-1216
BKC	4138	-1259	+4	4137	-1258	+5	4134	-1263
Pawnee	4250	-1371	+5	4256	-1376	Flat	4247	-1376
Cherokee	4338	-1459	+2	4341	-1462	-1	4332	-1461
Mississippi	4458	-1579	+1	4477	-1598	-18	4451	-1580
RTD	4530						4522	
LTD				4530			4524	