

Diasis #1-11
 Daily Drilling Report
 Page Two

3/19/14 Depth 4254'. Cut 94'. DT: None. CT: 19½ hrs, DST#3 was shut down f/11:00AM-6:00PM for high winds. Dev.: None. **LKC G:** Ls-wht-crm, fn-med xtln, grn stn, pr int xtln por, fn odor, pr SFO. **LKC H:** Ls-wht, fn-med xtln, grn stn, pr int gran-fr int xtln por, fnt odor, pr SFO w/sh-red/brn. Ls-wht-crm, fn-med xtln, grn stn, pr-fr int xtln por, fnt odor, pr SFO. **DST #4 4150-4254(LKC G-H):**

3/20/14 Depth 4295'. Cut 41'. DT: None. CT: 22 hrs. Dev.: None. **DST #4 4150-4254(LKC G-H):** 30-60-30-60. IF: ½" blw, no build. FF: no blw. Rec.: 5'M. HP: 2020-1982. FP: 20/27, 30/33. SIP: 1072-933. BHT: 117°. **LKC I:** Ls-wht-tan, fn xtln, grn stn, pr-fr int gran por, no odor, fr SFO w/Sh- red/brwn, grey. **LKC J:** LS-wht, fn xtln, grn stn, fr int gran por, no odor, fr-gd SFO, low rep. Ls-wht, micro-med xtln, grn stn, pr int gran-fr int xtln por, com vugs, fnt odor, fr SFO. **DST #5 4245-4295 (LKC I-J):** 30-60-60-90. IF: ½" blw built to BOB in 7mins. FF: ½" blw built to BOB in 14mins. Rec.: 42'CO, 186'WCHO CM (10%W, 35%O, 55%M), 372'HOHWCM (25%O, 25%W, 50%M), 372'MCW (20%M, 80%W). HP: 2110-2013. FP: 60/339, 332/477. SIP: 811-813. BHT: 137°.

3/21/14 Depth 4615'. Cut 320'. DT: None. CT: 3½ hrs. Dev.: None. Plan to TD @ 4660'

3/22/14 RTD: 4656'. Cut 41'. DT: None. CT: 24hrs. Dev.: ½° @ 4656' TD @ 8:15PM 3/21. Pioneer logged 12:30PM – 5:30PM 3/21. Log hit bridge @ 4618'. LTD 4618'. Ran 111jts of 15.5# 5 ½" prod csg, set @ 4652'. Swift cmt w/250sxs SMD, 200sxs EA-2. PD @ 6:30AM 3/22, 30sxs RH, 20sxs MH. Cmt circ.

3/23/14 RTD: 4656'. CT: 2¼ hrs. RR @ 10:30AM FINAL REPORT.

MDCI Diasis #1-11 2640' FNL 1800' FEL Sec. 11-T1S-R35W 3167' KB							Empire Drilling Bennet Sis #1 C NE SE Sec. 11-T1S-R35W 3139' KB	
Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite	3036	+131	+5	3037	+130	+4	3013	+126
B/Anhydrite	3072	+95	+8	3068	+99	+12	3052	+87
Neva	3542	-375	+9	3537	-370	+14	3523	-384
Red Eagle	3606	-439	+10	3600	-433	+16	3588	-449
Foraker	3654	-487	+12	3652	-485	+14	3638	-499
Topeka	3866	-699	+8	3877	-710	-3	3846	-707
Oread	3965	-798	+9	3963	-796	+11	3946	-807
Lansing	4085	-918	+12	4083	-916	+14	4069	-930
Stark	4294	-1127	+19	4294	-1127	+19	4285	-1146
BKC	4350	-1183	+11	4344	-1177	+17	4333	-1194
Cherokee	4548	-1493	----	4546	-1379	----	DNR	
RTD	4656						4341	-1202
LTD				4618				