

Dan #1-9
 Daily Drilling Report
 Page Two

- 7/16/14 Depth 4278'. Cut 48'. DT: None. CT: 20hrs. Dev.: None. **LKC H:** Ls white, f-mxln, oolitic in part, sl foss, pyritic, upper portion 10% sample drk sat stn, frsfo (bleeding), gd odor. **DST #3 4232-4278 (LKC H):** 30-60-60-90. IF: built to 1 1/4". FF: surf blw started @ 13min, built to 1 1/8". Rec.: 2'CO, 8'OCM (40%O, 60%M), Grav 28°. HP: 2188-2041. FP: 20/22, 27/32. SIP: 1216-1189. BHT: 128°. **LKC I:** Ls tan f-mxln, foss, no vis por, 10% sample blk tarry flaky stn, nfo, no odor. **LKC J:** Ls wht - tan, fxln, chalky, oolitic in prt, pr pp to vug por, 5% sample lt sat stn, prsfo, fr odor. **DST #4 4273-4325 (LKC I-J):**
- 7/17/14 Depth 4373'. Cut 95'. DT: None. CT: 17 1/4 hrs. Dev.: None. **DST #4 4273-4325 (LKC I-J):** 30-60-30-60. IF: blw built to 3 1/4". FF: blw started in 15mins built to 1". Rec.: 70'OCM (35%O, 65%M). HP: 2228-2204. FP: 19/38, 44/58. SIP: 847-776. BHT: 127°. Will TD @ 4472', currently @ 4410'.
- 7/18/14 RTD: 4472'. Cut 99'. DT: None. CT: 17hrs. Dev.: 3/4° @ 4472'. Pioneer logged 8:45PM 7/17 – 1:00AM 7/18. LTD: 4478'. LD pipe to run 5 1/2".
- 7/19/14 RTD: 4472'. CT: 10hrs. Ran 106jts of 5 1/2" prod csg, set @ 4467'. Swift cmt w/450sxs (250SMD, 200EA-2). PD @ 1:00PM 7/18. 30sxs RH, 20sxs MH. Circ 10sxs. RR @ 5:00PM 7/18. FINAL REPORT

Dan #1-9 330FSL 1650 FEL Sec. 9-1S-35W 3173' 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	3070	+103	+1	3071	+102	Flat	3041	+102
B/Anhydrite	3100	+73	+5	3102	+71	+3	3075	+68
Neva	3565	-392	+5	3570	-397	Flat	3540	-397
Foraker	3680	-507	+5	3684	-511	+1	3655	-512
Topeka	3893	-720	+2	3897	-724	-2	3865	-722
Oread	3996	-823	+5	4003	-830	-2	3971	-828
Lansing	4104	-931	+5	4114	-941	-5	4079	-936
Stark	4326	-1153	+1	4328	-1155	-1	4297	-1154
BKC	4372	-1199	+4	4378	-1205	-2	4346	-1203
RTD	4472	-1299					4800	-1657
LTD				4478	-1305			