

Depth 4460'. Cut 295'. DT: None. CT: 3¾ hrs. Dev.: None. **DST #2 4379-4460 (Altamont A,B,C):** 30-60-30-60. IF: surf blw. FF: no blw. Rec.: 10'M. HP: 2277-2177. FP: 29/32, 34/35. SIP: 112-86. BHT: 119°.

10/5/14 Depth 4555'. Cut 95'. DT: None. CT: 16¾ hrs. Dev.: None. **DST #3 4460-4555 (Ft. Scott):** 30-60-60-90. IF: BOB in 7½ mins. FF: bled off for 5mins, built to 9 ½" return blw. FF: BOB in 1½ min. ISI: Bled off for 5mins. built to 10" return blw. Rec.: 2120'GIP, 250'GCO (30%G, 70%O), 188'MCOG (15%M, 15%O, 70%M), 182'WCOGM (5%W, 10%O, 20%G, 65%M). HP: 2340-2272. FP: 41/171, 193/275. SIP: 1033-1011. BHT: 123°.

10/6/14 Depth 4620'. Cut 65'. DT: None. CT: 19hrs, (4hrs hull sack sucked out of DC handling sub when dumping fluid sucked into DC went down DC & plugged bit). Dev.: None. **Pawnee:** LS, tn, foss, gran/dolo in prt, sm chty, fr moldic por, ssfo, fr odr, stn. **Lwr Pawnee:** LS, crm-tn, f to md-xln, foss, v sct moldic por, ssfo, slt to fr odr, rare sat stn. **Ft Scott:** LS, tn-brn, v f-xln, micro-ool in prt, v sct int-ool por, vssfo, slt odr, pr vis stn. **Johnson:** LS, tn & gry, f-xln, foss, brittle, sct fossmold por, ssfo, fr odr, rare sat stn. **DST #4 4570-4620 (Johnson Zn):**

10/7/14 RTD: 4725'. Cut 105'. DT: None. CT: 14¾ hrs. Dev.: None. **DST #4 4570-4620 (Johnson Zn):** 30-60-60-90. IF: BOB in 8½ mins. ISI: bled off for 5min, wk surf return blw. FF: BOB 12mins. FSI: bled off for 5mins, surf return blw. Rec.: 275'W, 475'MCW (20%M, 80%W), 300'WCM (30%W, 70%M). HP: 2389-2261. FP: 35/287, 295/499. SIP: 835-769. BHT: 128°. HC @ 7:00AM 10/7.

10/8/14 RTD: 4725'. CT: 24hrs. Dev.: 3° @ 4725'. Pioneer logged 10:30AM - 3:30PM 10/7. LTD: 4726'. Ran 111jts of 5 ½" prod csg, set @ 4718'. PC @ 2534'.

10/9/14 RTD: 4725. CT: 5½ hrs. Swift cmt w/175sxs EA-2. PD @ 8:30AM 10/8. 30sxs RH, 20sxs MH. RR @ 12:30PM 10/8. FINAL REPORT.

WWWM 'A' #3-4 1650' FSL 1560' FEL Sec. 4-T13S-R32W 3047' KB							WWWM #2-4 1735' FSL 660' FEL Sec. 4-T13S-R32W 3051' KB	
Formation	sample tops	Datum	Ref	Log Tops	Datum	Ref	Log Tops	Datum
Anhydrite	2529	+518	+1	2530	+517	Flat	2534	+517
B/Anhydrite	2548	+499	+5	2554	+493	+987	2557	+494
Topeka	3771	-724	-3	3771	-724	-3	3772	-721
Heebner	3993	-946	-3	3995	-948	-5	3994	-943
Toronto	4018	-971	-2	4020	-973	-4	4020	-969
Lansing	4039	-992	-4	4040	-993	-5	4039	-988
Stark	4273	-1226	-5	4273	-1226	-5	4272	-1221
Pawnee	4472	-1425	-3	4470	-1423	-1	4473	-1422
Fort Scott	4525	-1478	-1	4525	-1478	-1	4528	-1477
Cherokee	4552	-1505	-1	4552	-1505	-1	4555	-1504
Johnson	4594	-1547	-1	4597	-1550	-4	4597	-1546
Mississippi	4665	-1618	-18	4669	-1622	-22	4651	-1600
RTD	4725						4780	-1729
LTD				4726	-1679		4782	-1731