

Pancirni #1-SWD  
 Daily Drilling Report  
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- 1/16/15 Depth 4480'. Cut 150'. DT: None. CT: 15 hrs. Dev.: None. **DST #3 4278-4330 (LKC B-D):** 30-60-60-90. IF: BOB in 2 mins. FF: BOB in 3 mins. Rec.: 1890' TF, 630'OSWM (20%W, 80%M), 630'OSMW (90%W, 10%M), 630'OSMW (95%W, 5%M), HP: 2122-2118. FP: 86/478, 497/889. SIP: 1133-1139. BHT: 152°. **LKC G:** Ls wht-crm-tan, fn xln, pr-fr intfoss por, scat xln incls, dns to sub-chky, calc IP, scat med brn-blk sptd stn, lt sub-sat, gils IP, sli irid OCW, Tr slw bld FO, dl gn fluor, v fnt odr, SSFO. **LKC H:** Ls crm-lt gn-tan, fn xln, pr pp intfoss & xln por, dns to chky, pred calc, sbang, pyrc IP, scat brn-blk spkld stn, lt sat, gils IP, abund pp FO, irid OCW, dl yel fluor, fnt odr, FSFO. **LKC J:** Ls crm-wht, fn-med xln, Oolc IP, Tr pr pp intpart & xln por, ti, dns to chky, sli calc, blk, pyrc, scat med brn-blk spkld stn, sub-lt sat, sli gils-try IP, Tr FO bld on brk, Tr dl gn fluor, no odr, VSSFO. **DST #4 4345-4480 (LKC G-J):**
- 1/17/15 Depth 4630'. Cut 150'. DT: None. CT: 13 hrs. Dev.: ¾° @ 4480'. **DST #4 4345-4480 (LKC G-J):** 30-60-60-90. IF: Blw built to 2". FF: Built to 2". Rec.: 5' FO (100%O), 63' MCO (50%O, 50%M), HP: 2227-2158. FP: 20/31, 39/45. SIP: 758-780. BHT: 138°, Gravity: 33 API
- 1/18/15 Depth 4864'. Cut 234'. DT: None. CT: 13¾ hrs. Dev.: None. **Pawnee:** Ls., crm/tan/wht, fn xln, pr pp intfoss & xln por, gran IP, dns, ti, calc cmt, hd to sli brit, sub-chky IP, sbang, scat med brn/blk spkld stn, pred dd, lt pt sat, no fluor, no odr, NSFO. **L. Paw:** Ls., crm/tan/lt gry, sing, fn xln, Oolc, pr vis por, pt dns to sub-chky, calc cmt, sli fri, sbang, gran IP, n/s. **Verdigris:** Ls., crm/wht/tan, vf-fn xln, Tr foss, no-pr vis por, calc cmt, pred dns to sub-chky, pyrc IP, sbang to blk, n/s. **DST #5 4634-4750 (Paw-Verd):** 30-60-30-60. IF: surf blw built up to 1¼". FF: No surf blw. Rec.: 2' M. HP: 2439-2423. FP: 20/27, 29/26. SIP: 866-748. BHT: 142°.
- 1/19/15 RTD: 5300'. Cut 436'. DT: None. CT: 17 ½ hrs. Dev.: ½° @ 5300'. HC @ 1:30PM 1/18. Pioneer logged 8:30PM 1/18 – 12:45AM 1/19. LTD: 5299'. LD Pipe.
- 1/20/15 RTD: 5300'. CT: 12½ hrs. Ran 124jts of 5 ½" prod csg, set @ 5289'. Swift cmt w/550sxs (300SMD, 250AA-2). PD @ 3:30PM 1/19. 30sxs RH, 20sxs MH. Circ 30sxs. RR @ 7:30PM 1/19/15. FINAL REPORT

		MDCI Pancirni #1-SWD 1980' FSL 1600'FWL Sec. 7-2S-36W 3322' KB					Miami Petroleum Brumm A #2 1650FSL 2310FEL Sec. 7-2S-36W 3382' KB		
Formation	Sample top	Datum	Ref	Log tops	Datum	Ref	Log tops	Datum	
Anhydrite	3224	+98	-6	3221	+101	-3	3278	+104	
B/Anhydrite	3254	+68	+1	3254	+68	+1	3315	+67	
Neva	3703	-381	-2	3695	-373	+6	3761	-379	
Stotler	3967	-645	+1	3977	-655	-9	4028	-646	
Topeka	4050	-728	-10	4049	-727	-9	4100	-718	
Oread	4176	-854	-6	4166	-844	+4	4230	-848	
Lansing	4254	-932	-4	4250	-928	Flat	4310	-928	
Stark	4472	-1150	flat	4469	-1147	+3	4532	-1150	
BKC	4527	-1205	-6	4521	-1199	Flat	4581	-1199	
Pawnee	4653	-1331	-3	4648	-1326	+2	4710	-1328	
Cherokee	4737	-1415	-11	4728	-1406	-2	4786	-1404	
Mississippi				5015	-1693	-13	5062	-1680	
RTD	5300								
LTD				5299			5110		