

Burk Trust 'A' #4-23
 Daily Drilling Report
 Page Two

5/23/14 Depth 4466'. Cut 126'. DT: None. CT: 16½ hrs. Dev.: ¾° @ 4430'. **LKC J**: Ist, f-mxln, sl chalky, oolitic in part, foss, pr pp to vug por, 5% sample dark spotty to sat stain, slsfo, faint odor. **DST #3 4380-4430 (LKC J)**: 30-60-60-90. IF: blw built to 9". FF: blw started @ 8mins, built to 8". Rec.: 126'MW w/trc oil (60%W, 40%M), 235'MCW w/trc oil (83%W, 17%M). HP: 2314-2146. FP: 25/123, 122/185. SIP: 302-299. BHT: 145°.

5/24/14 RTD 4580'. Cut 114'. DT: None. CT: 17½ hrs. Dev.: ¾° @ 4580'. Pioneer logged 7:45PM 5/23 – 1:15AM 5/24. LTD: 4579'. LD Pipe

5/25/14 RTD: 4580'. CT: 11½ hrs. Ran 110jts of 5 ½" surf csg, set @ 4576'. C.O.W.S cmt w/250sxs CMD, 200sxs OWC. PD @ 2:20PM 5/24. 30sxs RH, 20sxs MH. Pump truck broke w/44BBL disp left to pump, finished pumping w/mud. Circ 30sxs to pit. RR @ 6:20PM 5/24/14. FINAL REPORT

		MDCI Burk Trust 'A' #4-23 2310' FNL 1650' FWL Sec. 23-T1S-R36W 3276' KB					MDCI Burk Trust 'A' #2-23 2310' FNL 1650' FWL Sec. 23-T1S-R36W 3268' KB		
Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum	
Anhydrite	3180	+96	-5	3177	+99	-2	3167	+101	
B/Anhydrite	3218	+58	-9	3213	+63	-4	3201	+67	
Neva	3667	-391	-6	3664	-388	-3	3653	-385	
Red Eagle	3727	-451	-5	3725	-449	-3	3714	-446	
Foraker	3776	-500	-6	3774	-498	-4	3762	-494	
Topeka	4001	-725	-9	3989	-713	+3	3984	-716	
Oread	4106	-830	-10	4102	-826	-6	4088	-820	
Lansing	4208	-932	-10	4206	-930	-8	4190	-922	
Stark	4426	-1150	-9	4420	-1144	-3	4409	-1141	
BKC	4472	-1196		4472	-1196	-6	4458	-1190	
RTD	4580						4560	-1293	
LTD				4579			4561	-1292	