

Winifred #1-36  
 Daily Drilling Report  
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8/14/14 RTD: 3650'. Cut 440'. DT: None. CT: 8¾ hrs. Dev.: None. **Dolomite about 95' below Cherokee shale:** fr-gd vug w/ some intrxn por, scat lt brn sptd-patchy w/ some sat stn, NSFO, some yell fluor, no cut, no odor. **Arb:** fr-gd intrxn & vug por, NS. HC @ 4:30AM 8/14.

8/15/14 RTD: 3650'. CT: 21½ hrs. Pioneer logged 12:30PM – 5:00PM 8/14. LTD: 3650'. Allied plugged hole, 8:15PM 8/14 – 12:30AM 8/15, as follows using 60/40 Poz, 4%Gel, ¼# Floseal, 50sxs @ 3564', 50sxs @ 1100', 80sxs @ 675', 50sxs @ 275', 10sxs @ 40', 30sxs @ RH, 15sxs @ MH. Orders: Case Morris, Hays 8/12. RR @ 4:30AM 8/15.  
 FINAL REPORT

MDCI Winifred #1-36 330 FSL 1955 FEL Sec. 36-T7S-R15W 1765' KB					MDCI Peterson #1-1 840' FNL 1100' FEL Sec. 1-T8S-R15W 1827' KB			
Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite	1070	+695	-3	1068	+697	-1	1129	+698
B/Anhydrite	1102	+663	-4	1102	+663	-4	1160	+667
Topeka	2683	-919	+5	2682	-918	+6	2751	-924
Heebner	2911	-1146	+7	2910	-1145	+8	2980	-1153
Toronto	2935	-1170	+5	2937	-1172	+3	3002	-1175
Lansing	2960	-1195	+5	2958	-1193	+7	3027	-1200
Stark	3177	-1412	+6	3178	-1413	+5	3245	-1418
BKC	3237	-1472	+5	3238	-1473	+4	3304	-1477
Cherokee	3384	-1619	+3	3385	-1620	+2	3449	-1622
Viola	3516	-1751	-78	3513	-1749	-76	3500	-1673
Simpson	3538	-1773	+14	3528	-1763	+24	3614	-1787
Arbuckle	3587	-1822	+11	3584	-1819	+14	3660	-1833
RTD	3650	-1885					3730	
LTD				3650	-1885		3731	