

Pound #1-34
 Daily Drilling Report
 Page Two
 8/12/14

Depth 3650'. Cut 225'. DT: None. CT: 15½ hrs. Dev.: None. **LKC I:** scat pr interool por, 3 pcs total w/vry pr show blk hvy oil & blk st, no odr. **LKC J Upper:** ls: fr interpartical & vuggy por, gd st & sat, GSFO & G on brk, ft odr on brk. **LKC J:** fn-medxtln, ool/ooc, pr-fr ooc por, barren, few scat pcs w/cpl minute ppts FO & scat pr lt ooc st, no odr. **LKC K:** fn-medxtln, sli chalky, scat pr vuggy por, tr pr dk st, cpl pcs w/tr show hvy dk brwn oil, few pcs fn-medxtln spar calcite w/scat pr med brwn st, VSS small ppts FO, no odr. **LKC L:** fn-medxtln, scat vpr-pr, vry fine, interxtln & scat vuggy por, pr - cpl pcs fr st, few pcs w/cpl sm globules FO w/sli oil sheen & few gas bubbles on brk, no odr. **DST #2 3458-3587 (LKC H-L):** 30-60-60-90. IF: wk blw, surf - 1". FF: wk blw, surf - 1". Rec.: 345'WCM (45%W, 55%M). HP: 1782-1704. FP: 22/107, 138/174. SIP: 1002-734. BHT: 112°. **Viola:** (Circ at 3650') chert: wh, fresh/partially-fully weathered, opaque, scat pr ppt por, pr spotty st w/ sat, SSFO & GSG on brk, ft odor; gold, pink/rose fresh, semi-trans - opaque.

8/13/14 Depth 3859'. Cut 209'. DT: None. CT: 14 hrs. Dev.: None. **DST #3 3561-3698 (Viola):** 30-60-60-90. IF: surf blow bldg to 9". FF: BOB in 5". FSI: 1" blow. REC: 970' GIP, 305' GOCM (30%O, 35%G, 35%M). HP: 1828-1778, FP: 33/74, 81/131. SIP: 1140-1107. BHT: 110°. **Arb:** sli sucrosic, scat pr intrxln por, NS.

8/14/14 RTD: 3910'. Cut 51'. DT: None. CT: 21¾ hrs. Dev.: 2° @ 3910'. HC @ 9:15AM 8/13. Pioneer logged 12:45PM - 2:00PM stopped @ 3810', TIH w/bit & circ 1¾ hrs then TOO H F/log. 8:15PM 8/13 - 12:00AM 8/14. LTD 3903. LD Pipe, will run csg.

8/15/14 RTD: 3910'. CT: 8hrs. Ran 88jts of 17# 5½" prod csg, set @ 3892'. B-E cmt w/175sxs of AA-2. PD @ 11:00AM 8/14. 30sxs RH, 20sxs MH. RR @ 3:00PM 8/14. FINAL REPORT

Pound #1-34 330' FSL 330' FEL Sec. 34-22S-12W 1842' KB							Rank OWWO #1-2 4620FSL 330FWL Sec. 2-23S-12W 1836' KB	
Formation	Sample top	Datum	Ref	Log tops	Datum	Ref	Log tops	Datum
Anhydrite	610	+1232	-3	609	+1233	-2	601	+1235
B/Anhydrite	632	+1210	-3	329	+1213	Flat	623	+1213
Stotler				2562	-720	Flat	2556	-720
Topeka	2801	-959	-4	2798	-956	-1	2791	-955
Heebner	3177	-1335	-6	3170	-1328	+1	3165	-1329
Lansing	3315	-1471	-5	3306	-1464	+2	3302	-1466
Stark	3531	-1689	-5	3525	-1683	+1	3520	-1684
BKC	3583	-1741	-4	3579	-1737	Flat	3573	-1737
Viola	3610	-1768	-4	3601	-1759	+5	3600	-1764
Simpson				3684	-1842	+61	3739	-1903
Arbuckle	3821	-1979	-4	3809	-1937	+8	3811	-1975
RTD	3910						3900	
LTD				3903			3894	