

Daily Drilling Report

Allen #1-34

Page Two

- 5/30/14 Depth 3395'. Cut: 136'. DT: None. CT: 19 ½ hrs. Dev.: ¾° @ 3395'. **DST #1 3323-3395 (LKC B-F)**: 30-60-30-60. IF: built to 1¼" then would surge. FF: no blw, blushed @ 1:50, few bubbles then died. Rec.: 70'M w/oil spts. HP: 1656-1620. FP: 29/73, 42/52. SIP: 895-974. BHT: 109°.
- 5/31/14 Depth 3649'. Cut 254'. DT: None. CT: 15¼ hrs. Dev.: None. Core #1 3594'-3649'
- 6/1/14 Depth 3716'. Cut 67'. DT: None. CT: 24 hrs. Dev.: None. Core #2 3649-3679'. **Viola**: Chert, weathered, saturated w/blk asphaltic stain-GSO in mud. **DST #2 3534 – 3716 (Viola)**: Packers failed. Picked up & re-set tool using more weight. Packers failed. Misrun.
- 6/2/14 RTD: 3881'. Cut 165'. DT: None. CT: None. Dev.: None. Core #3 3679-3716'. **DST #3 3530-3716 (Viola)**: 30-60-60-90. IF: strng blw. BOB in 14mins. ISI: wk blw ¾" – 1". FF: Strng blw BOB in 13 mins. FSI: fr blw increase to 11". Rec.: 860'GIP, 100'CGO (21%G, 79%O), 125'GOCM (34%G, 30%O, 36%M), 240'GOCM (32%G, 21%O, 47%M) HP: 1774-1738. FP: 57/168, 185/232. SIP: 857-788. BHT: 109°. HC @ 4:00AM 6/2.
- 6/3/14 RTD: 3881'. CT: 24hrs. Dev.: ½° @ 3880'. Halliburton logged 10:30AM – 2:00PM 6/2/14, LTD: 3886'. Ran 90jts of 5 ½" prod csg, set @ 3881'. Basic cmt w/220sxs AA2. PD @ 12:30AM 6/3. DV set @ 1678', cmt w/340sxs A-con. PD @ 4:00AM 6/3. 30sxs RH, 20sxs MH. Circ to pit.
- 6/4/14 RTD: 3881'. CT: 1hr. RR @ 8:00AM 6/3/14. FINAL REPORT

Allen #1-34 660' FSL 330' FWL Sec. 34-22S-12W 1847' 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	620	+1227	-8	620	+1227	-8	601	+1235
B/Anhydrite	649	+1198	-15	638	+1209	-4	623	+1213
Stotler				2559	-712	+8	2556	-720
Topeka	2785	-938	+17	2798	-951	+4	2791	-955
Heebner	3152	-1305	+24	3155	-1308	+21	3165	-1329
Lansing	3286	-1439	+25	3289	-1442	+24	3302	-1466
Stark	3505	-1658	+26	3504	-1657	+27	3520	-1684
BKC	3553	-1706	+29	3556	-1709	+28	3573	-1737
Viola	3624	-1777	+35	3579	-1732	+80	3648	-1812
Simpson	3697	-1850	+53	3680	-1833	+70	3739	-1903
Arbuckle	3762	-1915	+60	3736	-1889	+86	3811	-1975
RTD	3881						3900	
LTD				3886			3894	