

Littler LLC 'B' #1-32
 Daily Drilling Report
 Page Two

- 7/10/14 Depth 3836'. Cut 20'. DT: None. CT: 23hrs. Dev.: None. **DST #3 3769-3826' (Arb):** 30-60-30-60. IF: ¼" blw. FF: surf blw died in 7mins. Rec.: 32'M. HP: 1890-1834. FP: 31/35, 39/40. SIP: 524-352. BHT: 110°. **Arb:** dol, fn-med xln, very cherty, pr interxln por, NSFO, sl-fr odor. **DST #4 3824-3836' (Arb):** 30-60-30-60. IF: wk surf blw died in 12 mins. FF: no blw. Rec.: 5'M. HP: 1901-1826. FP: 18/18, 21/21. SIP: 30/23. BHT: 113°.
- 7/11/14 RTD: 3910'. Cut 74'. DT: None. CT: 20½ hrs. Dev.: 1¼° 3910'. HC @ 6:30PM 7/10. Pioneer logged 9:30PM 7/10 – 5:00AM 7/11. LTD: 3913'. To plug
- 7/12/14 RTD: 3910'. CT: 7½ hrs. Quality plugged, 7:00AM – 10:30AM 7/11, as follows using, 60/40Poz, 4%Gel, ¼# Floseal, 50sxs @ 3812', 50sxs @ 1320', 40sxs @ 510', 40sxs @ 240', 40sxs @ 60', 30sxs Rh, 20sxs MH. Orders: Eric MacLaren KCC. RR @ 2:30PM 7/11. FINAL REPORT

MDCI Littler LLC 'B' #1-32 335' FNL 2305' FEL Sec. 32-T16S-R19W 2064' KB							Castle Resources Littler #1 660FNL 1980FEL Sec. 32-T16S-R19W 2064' KB	
Formation	Sample top	Datum	Ref	Log tops	Datum	Ref	Log tops	Datum
Anhydrite	1304	+755	Flat	1302	+757	+2	1309	+755
B/Anhydrite	1342	+722	+2	1340	+724	+4	1344	+720
Topeka	3114	-1050	+2	3108	-1044	+8	3116	-1052
Heebner	3396	-1332	+8	3396	-1332	+8	3404	-1340
Toronto	3416	-1352	+8	3414	-1350	+10	3424	-1360
Lansing	3442	-1378	+7	3441	-1377	+8	3449	-1385
Stark	3652	-1588	+6	3656	-1592	+2	3658	-1594
BKC	3698	-1634	+3	3698	-1634	+3	3701	-1637
Arbuckle	3812	-1748	+9	3805	-1741	+16	3821	-1757
RTD	3910						3850	
LTD				3913			3854	