

# Edwards Trust "B" #2-32 Drilling Report

**Russell Oil, Inc.**  
**Edwards Trust "B" #2-32**  
 760'FS & 2110'FW  
 Section 32-15S-34W  
 Logan County, Kansas  
 #15-109-21,248

KB: 3056  
 GL: 3045

**Reference Well A:** *Russell Edwards Trust "B" #1-32 2260'FS & 1000'FW Sec 32-15S-34W*

**Reference Well B:** *Russell Edwards Trust "A" #1-32 780'FN & 400'FW Sec 32-15S-34W*

		<u>A:</u>	<u>B:</u>			<u>A:</u>	<u>B:</u>
<u>SAMPLE TOPS</u>				<u>ELECTRIC LOG TOPS</u>			
Anhydrite	2387 (+669)	-6	+2	Anhydrite	2391 (+665)	-10	-2
B/Anhydrite	2407 (+649)	-9	-1	B/Anhydrite	2406 (+650)	-8	flat
Topeka	3652 (-596)	-12	-7	Topeka	3653 (-597)	-13	-8
Heebner	3882 (-826)	-7	-1	Heebner	3886 (-830)	-11	-5
Toronto	3900 (-844)	-6	+1	Toronto	3900 (-844)	-6	+1
Lansing	3929 (-873)	-6	flat	Lansing	3928 (-872)	-5	+1
Mun Creek	4107 (-1051)	-8	flat	Mun Creek	4113 (-1057)	-14	-6
Stark	4209 (-1153)	-17	-10	Stark	4210 (-1154)	-18	-11
B/KC	4294 (-1238)	-18	-13	B/KC	4299 (-1243)	-23	-18
Marmaton	4346 (-1290)	-18	-15	Marmaton	4348 (-1292)	-20	-17
Pawnee	4433 (-1377)	-14	-9	Pawnee	4438 (-1382)	-19	-14
Myrick Sta	4469 (-1413)	-20	-6	Myrick Sta	4470 (-1414)	-21	-7
Fort Scott	4484 (-1428)	-18	-15	Fort Scott	4486 (-1430)	-20	-17
Cherokee	4513 (-1457)	-20	-16	Cherokee	4513 (-1457)	-20	-16
Johnson Zn	4571 (-1515)	-22	-20	Johnson Zn	4569 (-1513)	-20	-18
Mississippian	4712 (-1656)	-44	-27	Mississippian	4710 (-1654)	-42	-25
RTD	4750 (-1694)			LTD	4751 (-1695)		

## Sample Shows and Drill Stem Tests:

### Lecompton:

Limestone, cream-gray; oolitic; poor to fair pinpoint porosity; few pieces medium to dark brown subsaturated stain; very slight show of free oil – very slight show of gas on break; no odor.

### Oread "A":

Limestone, cream; very oolitic; poor to fair interparticle porosity; few pieces medium to dark brown spotty to subsaturated stain; no show of free oil; no odor.

### Toronto:

*Circulate 3926'*

Limestone, white; fossiliferous and oolitic; dolomitic; poor to fair interparticle porosity; 1-2 pieces medium brown saturated stain; no show of free oil; no odor.

Lansing “C”:

*Circulate 3981’*

Limestone, cream; oolitic; rare vugular porosity; slightly dolomitic; poor to fair interparticle porosity; rare pieces golden brown saturated stain; very slight show of free oil; fair odor on break. 8’ *drilling break*

Lansing “F”:

*Circulate 4040’*

Limestone, cream; fossiliferous; possible fracture porosity; scattered vugular porosity; 1-2 pieces medium brown saturated stain; slight show of free oil; slight to fair odor on break.

Lansing “H”:

*Circulate 4140’*

Limestone, cream; slightly fossiliferous; oolitic; poor interparticle porosity; chalky; very light brown spotty stain; very slight show of free oil; slight to fair odor on break.

Lansing “I”:

*Circulate 4176’*

Limestone, cream; oolitic; scattered vugular porosity; overall appears tight; 1-2 pieces dark brown to black subsaturated stain; flaky dried gilsonitic oil on break; no odor; scattered pieces white angular chert.

*No shows in Lansing “J” porosity...thickness of porosity is 20’...Edwards “A” & “B” wells have 10-12’ “J” porosity thickness...*

***Wiper trip at 4196’...***

Lansing “K”:

*Circulate 4225’*

**DST #1**

Limestone, cream; dolomitic; large solution vugular porosity with secondary crystalline growth; possible fracture porosity; medium brown mostly saturated stain; good show of free oil on break; slight amount of gas on break; slight odor. 4’ *drilling break – broke down to 1 ½’s and 1’s...*

**DST #1:**

*Trilobite Testing Co., Inc. – Scott  
Shane McBride; Tester*

**Lansing “K”**

4206-4225

1<sup>st</sup> Op: BOB 3 1/2”

No Blowback

2<sup>nd</sup> Op: BOB 5 1/2”

No Blowback

Rec:

139’ MCW (70% W, 30% M)

188’ SMCW (90% W, 10% M)

1504’ Water

1831’ Total Fluid

IFP: 117-563#/30"  
ISIP: 1280# /45"  
FFP: 579-836#/30"  
FSIP: 1285#/90"  
Chlorides: 33,500 ppm

**High Wind Warning Until 7am...experiencing 45 mph wind gusts at rig...will extend final shut in from 45 minutes to 90 minutes...if conditions still unsafe to trip out of hole, will pull test loose and wait for winds to die down near 7 am...**

Marmaton Altamont "A": *Circulate 4372'*  
Limestone, cream; slightly fossiliferous and oolitic; some large dark oolites at top of zone; overall poor interparticle porosity; chalky; 1-2 pieces very spotty stain; very slight show of free oil; no odor.

Marmaton Altamont "B": *Circulate 4392'* **DST #2**  
Limestone, cream-gray; slightly fossiliferous; possible fracture porosity; 5-6 pieces light brown spotty stain; slight show of free oil; no odor.

Marmaton Altamont "C": *Circulate 4420'* **DST #2**  
Limestone, cream; fossiliferous; poor interparticle porosity; appears barren; no show of free oil; no odor.

**DST #2:** *Trilobite Testing Co., Inc. – Scott  
Shane McBride; Tester*

**Marmaton Altamont "B-C"**  
4368-4420  
1<sup>st</sup> Op: Weak Bldg ¼"; Declined; Died 11 minutes  
No Blowback  
2<sup>nd</sup> Op: Dead; Flush Tool; No Help  
No Blowback

Rec:  
5' Mud

IFP: 19-22#/30"  
ISIP: 622# /30"  
FFP: 22-26#/30"  
FSIP: 551#/30"

**Pipe Strap at 4420': .42 Board Short**

Pawnee: *Circulate 4465'*  
Limestone, cream-tan; very fossiliferous; isolated vugular and pinpoint porosity; 4-5 pieces medium brown saturated stain; appears mealy in dry sample; slight show of free oil; slight to fair odor; abundant translucent gray chert.

*No shows in Myrick Station....*

Fort Scott:

*Circulate 4515'*

**DST #3**

Limestone, cream-tan-brown; very oolitic; scattered pinpoint porosity; abundant golden brown saturated stain; slight show of free oil; slight gas on break with rare gas bubbles; slight to fair odor. *4' drilling break*

**DST #3:**

*Trilobite Testing Co., Inc. – Scott  
Shane McBride; Tester*

**Fort Scott**

4476-4515

1<sup>st</sup> Op: Weak Bldg ¼"; Declined; Died 13 minutes

No Blowback

2<sup>nd</sup> Op: Dead; Flush Tool; Good Surge; No Help

No Blowback

Rec:

3' Mud

IFP: 17-18#/30"

ISIP: 25# /30"

FFP: 18-22#/30"

FSIP: 26#/30"

Johnson Zone:

*Circulate 4590'*

**DST #4**

Limestone, cream-tan; fossiliferous; oolitic; dolomitic; poor pinpoint porosity; abundant pieces medium brown saturated stain; slight show of free oil – some gas on break; good gassy odor – oil floating on water in sample cup *4' drilling break*

**DST #4:**

*Trilobite Testing Co., Inc. – Scott  
Shane McBride; Tester*

**Johnson Zone**

4564-4590

1<sup>st</sup> Op: Weak; Died 3 minutes

No Blowback

2<sup>nd</sup> Op: Dead; Flush Tool; No Help

No Blowback

Rec:

3' Heavy Mud w/oil spots

IFP: 19-21#/30"

ISIP: 267# /30"

FFP: 27-27#/30"

FSIP: 686#/30"

**High Wind Warning Until 9am...experiencing 45-50 mph wind gusts at rig...will pull test loose and wait for winds to die down with safer conditions to come out of hole with test...**

*Due to low structural position and negative drill stem test results and log calculations, it was recommended that the Edwards Trust "B" #2-32 be plugged and abandoned.*

**FINAL REPORT**