



11 Lewis Drive

Paola, KS 66071

**Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation**

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WELL LOG

Kansas Resource Exploration & Development, LLC

Kitchen #KRI-17

API # 15-121-29964

March 14 - March 17, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
15	soil & clay	15
23	lime	38
23	shale	61
2	lime	63
40	shale	103
15	lime	118
10	shale	128
30	lime	158
4	shale	162
26	lime	188
5	shale	193
12	lime	205 base of the Kansas City
165	shale	370
10	lime	380
2	shale	382
5	lime	387
7	shale	394
6	silty shale	400
28	shale	428
7	lime	435
10	shale	445
3	lime	448
1	shale	449
1	coal	450
16	shale	466
9	lime	475
20	shale	495
1	coal	496
2	shale	498
2	lime	500
10	shale	510
3	broken oil sand	513 brown & green 90% bleeding
3	oil sand	516 brown, 100% bleeding
7	broken sand	523 brown & grey 50% bleeding sand
56	shale	579
3	broken sand	582 brown & grey, light bleeding
19	shale	601 TD

Drilled a 9 7/8" hole to 21.6'

Drilled a 5 5/8" hole to 601'

Set 21.6' of 7" surface casing cemented with 5 sacks of cement

Set 591' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp, baffle.

Baffle set at 559'

Core Times

	<u>Minutes</u>	<u>Seconds</u>
511		58
512		40
513		53
514	1	10
515		44
516		50
517		39
518	1	2
519	1	4
520	1	0
521		59
522	1	10
523	1	5
524	1	17
525	1	15
526	1	30
527	1	7
528	1	31
529	1	23
530	1	22