



11 Lewis Drive

Paola, KS 66071

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

Phone: 913-557-9083

Fax: 913-557-9084

**WELL LOG**

Kansas Resource Exploration & Development, LLC

Kitchen #KRI-14

API # 15-121-29,961

March 24 - March 25, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
10	soil & clay	10
11	broken lime	21
11	lime	32
23	shale	55
3	lime	58
33	shale	91
3	lime	94
3	shale	97
15	lime	112
10	shale	122
29	lime	151
11	shale	162
19	lime	181
5	shale	186
5	lime	191
1	shale	192
5	lime	197 base of the Kansas City
15	shale	212
5	silty shale	217
2	limey sand	219 hard green sand (gassy)
85	shale	304
3	sand	307 hard green sand
55	shale	362
7	lime	369 oil show
1	shale	370
1	lime	371
2	shale	373
4	lime	377
3	shale	380
2	sand	382 green no show
40	shale	422
6	lime	428
13	shale	441
4	lime	445
16	shale	461
12	lime	473
15	shale	488
1	lime	489
4	shale	493
5	brown lime	498 ok oil show (hard)



2	lime	500	no oil
6	shale	506	
1.5	broken sand	507.5	90% brown sand 10% shale good bleeding
8.5	oil sand	516	brown sand good bleeding good saturation
3	broken sand	519	70% brown sand 30% shale light bleeding
3.5	broken sand	522.5	20% brown sand 80% shale no show
44.5	shale	567	
1	lime & shells	568	
6	shale	574	
3	oil sand	577	hard brown sand light bleeding
4	broken sand	581	50% brown sand 50% shale minimal bleeding
3	silty shale	584	
16	shale	600	TD

Drilled a 9 7/8" hole to 20.3'

Drilled a 5 5/8" hole to 600'

Set 20.3' of 7" surface casing cemented with 5 sacks of cement

Set 590.55' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp, 1 baffle.

Baffle set 30.55' from bottom of tally.

**Core Times**

<u>Minutes</u>	<u>Seconds</u>
506	48
507	30
508	33
509	31
510	38
511	48
512	50
513	49
514	50
515	51
516	44
517	48
518	40
519	52
520	50
521	47
522	45
523	47
524	49
525	37