



11 Lewis Drive

Paola, KS 66071

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

Phone: 913-557-9083

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WELL LOG

D.A. Energy LLC

Brown #DK-27

API # 15-121-30,349

May 23 - May 27, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
6	soil & clay	6
14	lime	20
104	shale	124
19	lime	143
9	shale	152
2	lime	154
13	shale	167
3	lime	170
44	shale	214
10	lime	224
4	shale	228
2	lime	230
9	shale	239
27	lime	266
10	shale	276
21	lime	297
3	shale	300 black
14	lime	314 base of the Kansas City
26	shale	340
4	silty shale	344
4	sand	348 hard green sand, no odor
69	shale	417
2	limey sand	419 green, no show /odor
27	shale	446
1	lime, limey sand	447 no show
3	limey sand	450 brown, no show
1.5	shale & lime	451.5 green
6.5	limey sand	458 light bleeding
1	lime	459 light scattered bleeding
1.5	limey sand	460.5 fair bleeding
8.5	shale	469
8	lime	477 no oil
6	lime	483 light bleeding, very little porosity
3	lime	486 no oil
24	shale	510 TD

Drilled a 9 7/8" hole to 20.8'

Drilled a 5 5/8" hole to 510'

Set 20.8' of 7" surface casing threaded and coupled cemented with 6 sacks of cement.

Set 500.95' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp

	Core Times	
	<u>Minutes</u>	<u>Seconds</u>
446		58
447		56
448		59
449	1	32
450	2	45
451	1	23
452	1	11
453		36
454		45
455	2	14
456	1	17
457	1	13
458		34
459		32
460		33
461		36
462		33
463		28