



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 K Oil Services, LLC

Brown #DK 26

API # 15-121-30,348

May 22 - May 23, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
5	broken lime	5
27	shale	32
3	lime	35
74	shale	109
19	lime	128
9	shale	137
13	lime	150
50	shale	200
9	lime	209
2	shale	211
5	lime	216
8	shale	224
12	lime	236
2	shale	238
12	lime	250
9	shale	259
22	lime	281
4	shale	285
6	lime	291
1	shale	292
7	lime	299 base of the Kansas City
33	shale	332
2	broken sand	334 80% shale 20% green sand, no odor
3	sand	337 grey sand, no odor
3	silty shale	340
61	shale	401
3	limy sand	404 hard green sand, no odor
2	broken sand	406 60% green sand 40% shale
22	shale	428
3	shale	431 red bed
1	shale	432 few thin lime streaks
1	broken sand	433 50% sand 50% limy sand, no show
2	lime	435
1.5	shale	436.5
1	broken sand	437.5 90% brown sand 10% shale ok bleeding
2	limy sand	439.5 hard brown sand, good bleeding
1.5	lime	441
0.5	broken sand	441.5 40% light brown sand 60% shale minimal show

0.5	shale	442
1	limey sand	443 brown, ok bleeding
1	lime	444
10	shale	454
11	lime	465
4	lime	469 oil show
42	shale	511
1	coal	512
7	shale	519
6	lime	525
13	shale	538
3	lime	541 brown, no oil
18	shale	559
3	lime	562
19	shale	581 570 red bed
2	lime	583
16	shale	599
2	silty shale	601
44	shale	645
1	lime & shells	646
14	shale	660 TD

Drilled a 12 1/4" hole to 20.8'

Drilled a 6 3/4" hole to 660'

Set 20.8' of 8 5/8" surface casing cemented with 9 sacks of cement.

Set 465.75' of 4 1/2" threaded and coupled including 3 centralizers, 1 float shoe, 1 clamp

	Core Times	
	<u>Minutes</u>	<u>Seconds</u>
432	1	29
433	1	50
434	2	3
435		53
436		51
437	1	15
438	1	37
439	2	22
440	1	37
441	1	38
442	3	1
443	2	37
444		38
445		39
446		42
447		48
448		48
449		41
450		45
451		27