



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

S & B Operating LLC

R&M Hoehn # 3

API #15-059-26,831

October 22 - October 27, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
8	soil & clay	8
18	lime	26
4	shale	30
13	lime	43
3	shale	46
9	lime	55
5	shale	60
5	lime	65
31	shale	96
19	lime	115
10	sandstone	125
80	shale	205
16	lime	221
27	shale	248
5	lime	253
30	shale	283
5	lime	288
7	shale	295
2	lime	297
16	shale	313
21	lime	334
7	shale	341
22	lime	363 oil show 347'
5	shale	368
12	lime	380 base of the Kansas City
151	shale	531 oil show at 488'
6	lime	537
17	shale	554
3	lime	557
8	sandy shale	565 light
7	grey shale	572
2	coal	574
4	shale	578
6	lime	584
14	shale	598
4	lime	602
11	shale	613
1	lime	614
7	shale	621

2	lime	623
10	shale	633 few lime seams
2	lime	635
7	shale	642 grey shale, oil show
1.5	shale	643.5 light grey
0.5	badly broken sand	644 brown sand, light shale
2	broken sand	646 20% light shale, 80% light brown sand
3	brown sand	649
1	light shale	650 10% light brown sand
3	broken sand	653 20% light brown sand 80% light shale
1	shale	654
0.5	broken sand	654.5 50% bleeding sand 50% light shale
5.2	light shale	659.7
0.3	lime	660
43	shale	703 grey
		703 TD

Drilled a 9 7/8" hole to 21.6'

Drilled a 5 5/8" hole to 703'

Set 21.6' of 7" threaded and coupled surface casing, cemented with 5 sacks cement.

Set 692.85' of used 2 7/8" 8 round upset tubing including, 3 centralizers, 1 float shoe, 1 clamp,

Upper Squirrel Core Time		
	<u>Minutes</u>	<u>Seconds</u>
645		31
646		29
647		30
648		28
649		26
650		24
651		26
652		36
653		24
654		22
655		24
656		27
657		33
658		22
659		23
660		29
661		19
662		25
663		28
664		30