



11 Lewis Drive

Paola, KS 66071

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

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WELL LOG

S & B Operating LLC

R&M Hoehn # 5

API #15-059-26,832

October 20 - October 21, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
7	soil & clay	7
20	limestone	27
5	shale	32
11	lime	43
3	shale	46
19	lime	65
32	shale	97
23	lime	120
11	sandstone	131
69	shale	200
22	lime	222
27	shale	249
5	lime	254
29	shale	283
7	lime	290
23	shale	313
23	lime	336
6	shale	342
25	lime	367
3	shale	370
12	lime	382 base of the Kansas City
144	shale	526
2	lime	528
4	shale	532
6	lime	538
7	shale	545
8	lime	553 some shale seams
4	shale	557
4	broken sand	561
14	shale	575
2	coal	577
3	shale	580
6	lime	586
16	shale	602
2	lime	604
8	shale	612
1	lime	613
12	shale	625
2	lime	627

8	shale	635 dark
3	lime	638
5	shale	643 grey
2	shale	645 light
1	broken sand	646 light brown, odor, started core
7	broken sand	653 light brown light bleeding
0.5	lime	653.5
6.5	broken sand	660 30% broken sand, fair bleeding
44	shale	704 TD

Drilled a 9 7/8" hole to 21.65'

Drilled a 5 5/8" hole to 704'

Set 21.65' of new 7" threaded and coupled surface casing, cemented with 5 sacks cement.

Set 694.75' 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>
646		34
647		31
648		39
649		40
650		23
651		22
652		22
653		31
654		49
655		28
656		22
657		21
658		20
659		20
660		23
661		24
662		22
663		18
664		22
665		22